

# Business Plan & Valuation Presentation



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# OUR VISION & MISSION

## Our Mission

LittleStars Learning Center is dedicated to providing high-quality early childhood education and care in a nurturing and innovative environment. We strive to offer a safe and stimulating space where children can explore, learn, and grow through engaging activities and educational programs. Our mission is rooted in individualized attention, creativity, and social development, supported by a team of experienced and caring educators. We aim to foster a positive and enriching experience, ensuring each child receives the support they need to reach their full potential while giving parents peace of mind.

## Our Vision

LittleStars Learning Center aspires to be a leader in early childhood education by creating a future where every child has the opportunity to thrive in a nurturing and innovative environment. We envision a world where our tailored educational programs inspire creativity, foster social development, and lay a strong foundation for lifelong learning. Our long-term goal is to expand our reach and impact, continually evolving to meet the diverse needs of our community, ensuring that all children have access to the essential resources and support they need to achieve their fullest potential.

# Summary Financials Dashboard

Key performance indicators  
(Base Scenario Y3)

**\$ 402,687**

Revenue

**\$ 195,303**

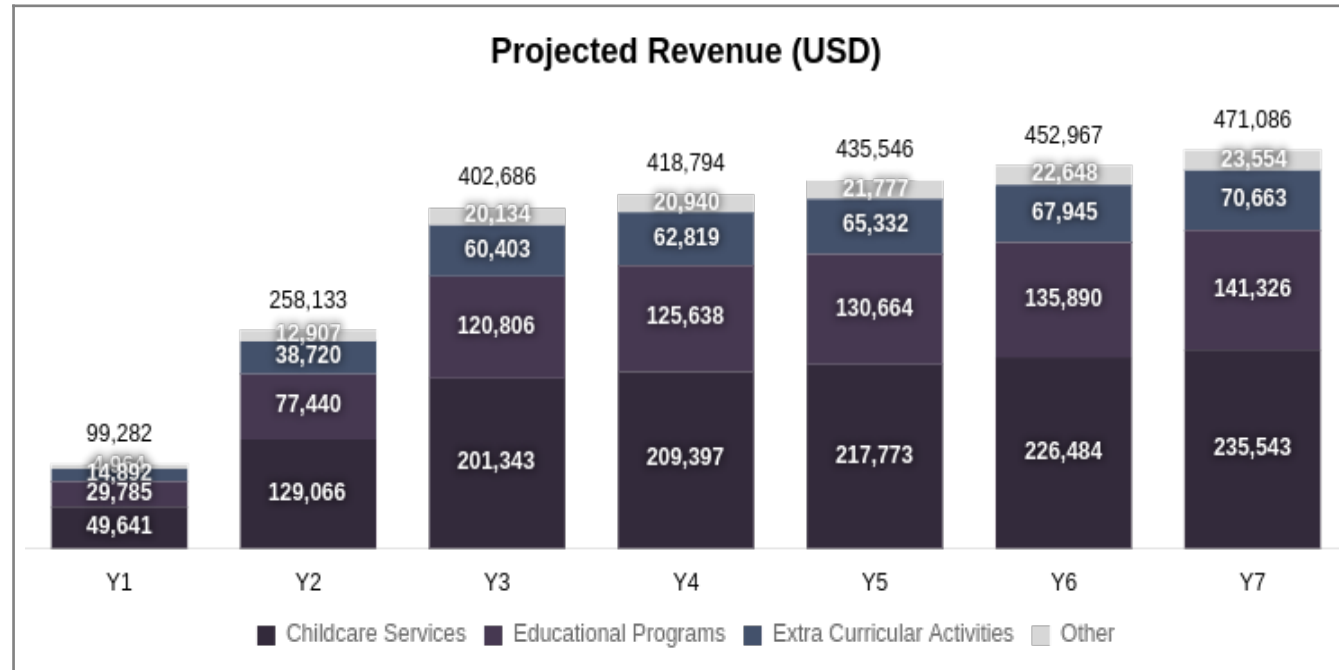
Gross Profit

**\$ 116,699**

EBITDA

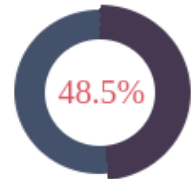
**0.02%**

Target Market Share

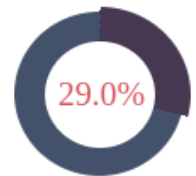


Margins  
(Stabilized by Y3)

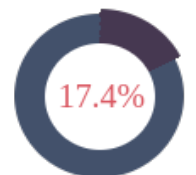
GP Margin



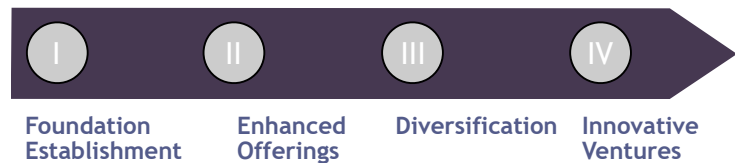
EBITDA Margin



PbT Margin



## Project Phases



Funding round is aimed to accelerate the development of Phases and create core infrastructure for operations.

Investment will be used to finance CAPEX, WC buffers, etc.

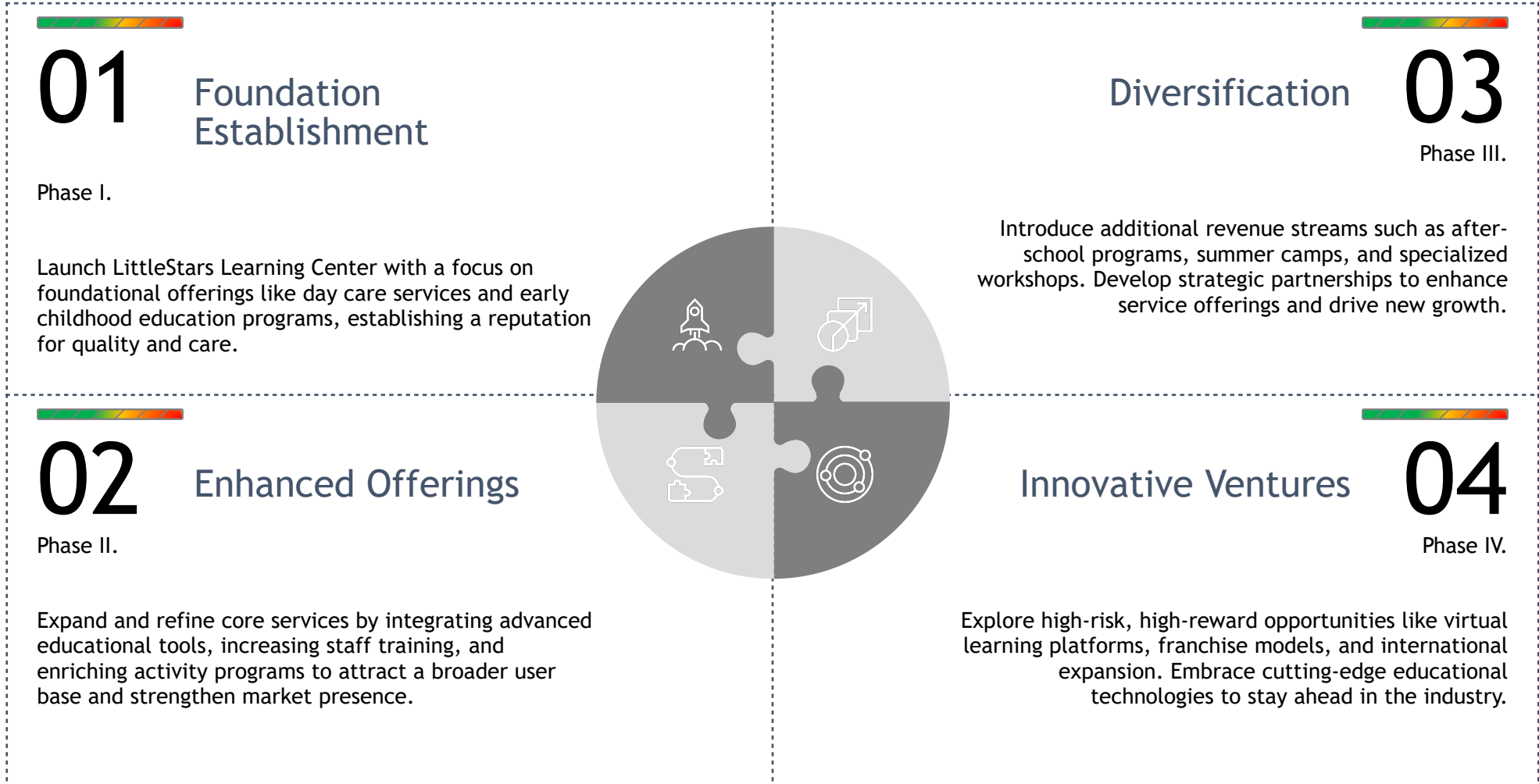


# About the Company: General Overview



LittleStars Learning Center is a nurturing and innovative day care facility dedicated to providing high-quality early childhood education and care. The center operates within the professional, scientific, and technical activities sector, specifically focusing on activities not elsewhere classified. LittleStars offers a safe and stimulating environment where children can explore, learn, and grow through a variety of engaging activities and educational programs. The emphasis is on individualized attention, creativity, and social development, all supported by a team of experienced and caring educators. The center's commitment to fostering a positive and enriching experience ensures that each child receives the support they need to reach their full potential, providing parents with peace of mind. In this way, LittleStars Learning Center blends innovative educational techniques with a nurturing atmosphere to help shape the future of young learners.

# The Main Phases: Projects & Impacts



# Product Impact on Core Stakeholders

Main Stakeholder	Product Benefits
<b>Children</b>	<ol style="list-style-type: none"> <li>1. Benefit from high-quality early childhood education and care that fosters intellectual and social growth.</li> <li>2. Access to a safe, stimulating environment that encourages exploration and creativity.</li> <li>3. Personalized attention that supports individual developmental needs and potentials.</li> </ol>
<b>Parents</b>	<ol style="list-style-type: none"> <li>1. Assurance of their children's safety and well-being in a nurturing, secure setting.</li> <li>2. Convenience and peace of mind knowing their children are receiving quality care and education.</li> <li>3. Enhanced work-life balance supported by reliable and comprehensive child care services.</li> </ol>
<b>Educators</b>	<ol style="list-style-type: none"> <li>1. Opportunities for professional development through increased training and access to advanced educational tools.</li> <li>2. A supportive work environment that values their expertise and commitment to child development.</li> <li>3. Job stability and satisfaction from working in a well-respected, quality-driven institution.</li> </ol>
<b>Local Community</b>	<ol style="list-style-type: none"> <li>1. Strengthening of community bonds through the creation of a trusted local educational institution.</li> <li>2. Job creation and local economic development through employment opportunities at the center.</li> <li>3. Improved local educational standards and resources benefiting the broader community.</li> </ol>
<b>Investors</b>	<ol style="list-style-type: none"> <li>1. Attractive returns on investment through strategic growth and diversification of services.</li> <li>2. Long-term financial stability bolstered by innovative ventures and expanding customer base.</li> <li>3. Investment in a socially responsible enterprise contributing positively to early childhood education.</li> </ol>
<b>Partners</b>	<ol style="list-style-type: none"> <li>1. Mutually beneficial collaborations that enhance service offerings and market reach.</li> <li>2. Opportunities for co-branded initiatives, shared resources, and expertise.</li> <li>3. Strengthened alliances leading to innovation and growth potential.</li> </ol>
<b>Regulatory Bodies</b>	<ol style="list-style-type: none"> <li>1. Assurance of high standards of care and education meeting regulatory requirements.</li> <li>2. Contribution to community welfare and early childhood development through compliant operations.</li> <li>3. Partnership in developing and refining standards for quality early childhood education.</li> </ol>

# Key Performance Components

## Competitive Advantage

**Individualized Attention**

LittleStars Learning Center prioritizes individualized attention, ensuring each child receives personalized care and educational support tailored to their unique needs.

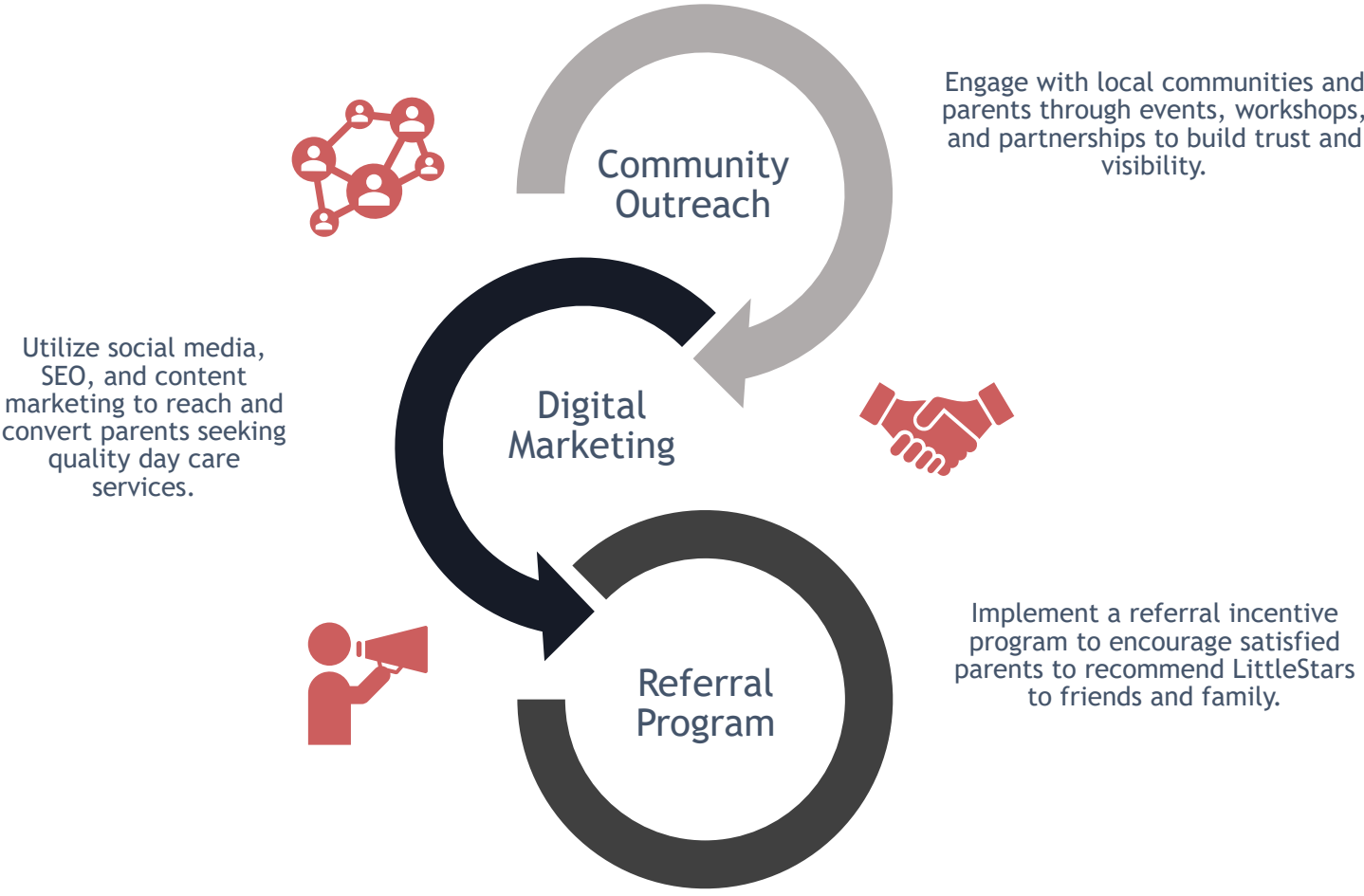
**Experienced Educators**

The center employs a team of experienced and caring educators dedicated to fostering creativity and social development, ensuring a high-quality learning experience.

**Safe & Stimulating Environment**








LittleStars offers a safe and stimulating environment where children can explore, learn, and grow through engaging activities and educational programs.

## Marketing and Growth Strategy

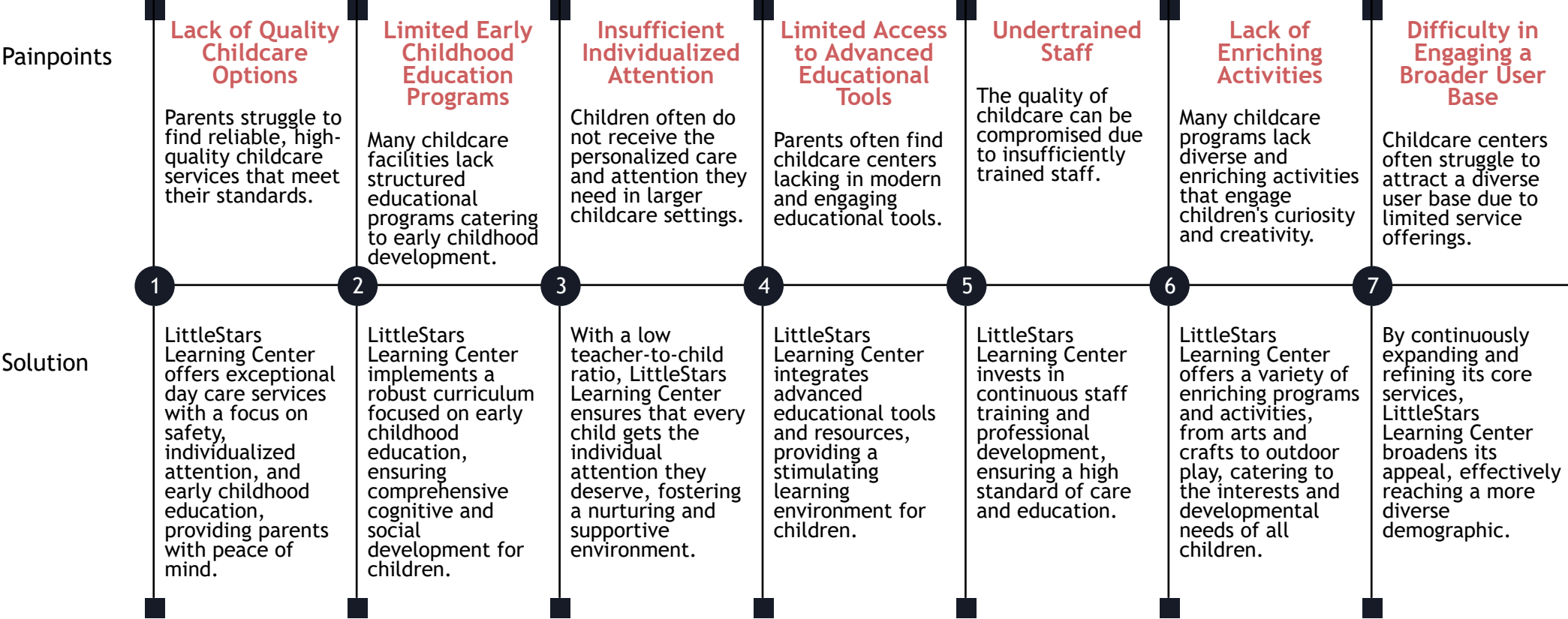




# Target Groups


	Industries	Description
I	 Parents of Young Children	Parents seeking reliable and high-quality day care services for their young children as they balance work and family responsibilities.
II	 Early Childhood Educators	Qualified educators looking for employment opportunities in a nurturing and innovative day care facility that values professional growth and development.
III	 Local Communities	Community members interested in accessible and enriching early childhood education programs to support child development within the local area.
IV	 Corporate Partners	Businesses looking to collaborate on child care solutions for their employees, enhancing work-life balance and overall job satisfaction.
V	 Government and Non-profit Organizations	Organizations focused on child welfare and education, interested in collaborating on programs to support early childhood development.
VI	 Educational Technology Providers	Companies offering advanced educational tools and resources that can be integrated into LittleStars Learning Center’s curriculum to enhance learning experiences.
VII	 Prospective Franchisees	Individuals or entities interested in investing in and opening LittleStars Learning Center franchises to expand the brand’s reach and impact.

## Solution from Phase I to Phase IV




# Strategic Analysis: SWOT

**Strength**




Experienced and caring educators ensure high-quality care. Individualized attention supports personalized growth. Innovative educational programs engage children effectively. Safe, stimulating environment fosters exploration and learning. Strong commitment to social and creative development.

**Weaknesses**




High operational costs can limit resource allocation. Limited brand recognition in a competitive market. Dependence on full enrollment for financial stability. Staff turnover affects consistency of care. High parent service expectations can be challenging to meet.

**Opportunities**









Rising demand for quality early childhood education. Potential for expanding services or locations. Growing awareness of early education's importance. Partnerships with local schools and organizations. Government funding and grants for early education.

**Threats**



Economic downturns may reduce enrollment. Intense competition from other daycare centers. Regulatory changes affecting operations. Health and safety concerns in childcare environments. Potential staff shortages impact service quality.

# Pestel: Analysis

 <b>P</b>	 <b>E</b>	 <b>S</b>	 <b>T</b>	 <b>E</b>	 <b>L</b>
Political <span>7 / 10</span>	Economic <span>6 / 10</span>	Social <span>9 / 10</span>	Technological <span>9 / 10</span>	Environmental <span>8 / 10</span>	Legal <span>7 / 10</span>
<p><b>Regulation Compliance:</b> Adherence to both local and federal childcare regulations.</p> <p><b>Funding Programs:</b> Availability of government funding for early childhood education.</p>	<p><b>Parental Income:</b> Economic conditions impacting parental ability to afford daycare.</p> <p><b>Operational Costs:</b> Fluctuating operating expenses, including wages, rent, and utilities.</p>	<p><b>Demographics:</b> Local population growth impacting demand for childcare services.</p> <p><b>Parental Expectations:</b> Increasing demand for high-quality, modern childcare practices.</p>	<p><b>Digital Tools:</b> Integration of digital tools for education and communication with parents.</p> <p><b>Security Systems:</b> Advanced security measures ensuring child safety.</p>	<p><b>Sustainable Practices:</b> Implementing eco-friendly practices and reducing waste.</p> <p><b>Healthy Environment:</b> Maintaining clean and safe facilities for children.</p>	<p><b>Child Safety Laws:</b> Compliance with child safety and protection laws.</p> <p><b>Labor Laws:</b> Adhering to childcare worker labor laws.</p>

LittleStars Learning Center is positioned to thrive by adapting to regulatory, economic, and technological changes. With strong parental support and a focus on safety, the center can continue to provide exceptional care and education while meeting future challenges.

Scores reflect the relative importance and potential impact of each PESTEL factor on the business

# VRIO Framework: Analysis

Does the resource or capability enable the firm to exploit an opportunity or neutralize a threat in the environment?

LittleStars Learning Center can exploit the opportunity by offering individualized attention and a safe, stimulating environment for early childhood education and care.

Is the resource or capability controlled by only a few firms or no other firms?

Few firms provide such a focused approach to creativity, social development, and individualized attention in daycare centers.

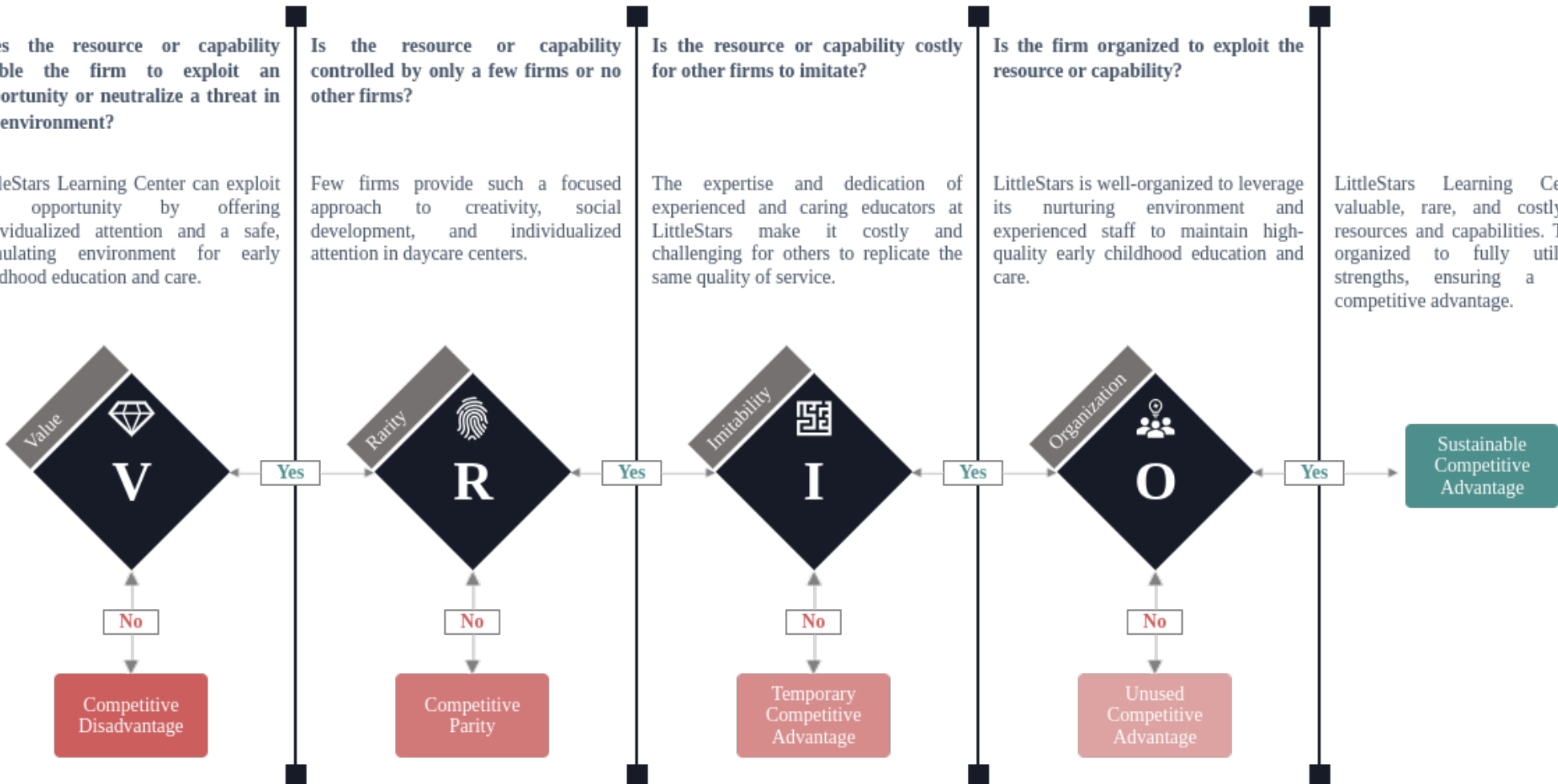
Is the resource or capability costly for other firms to imitate?

The expertise and dedication of experienced and caring educators at LittleStars make it costly and challenging for others to replicate the same quality of service.

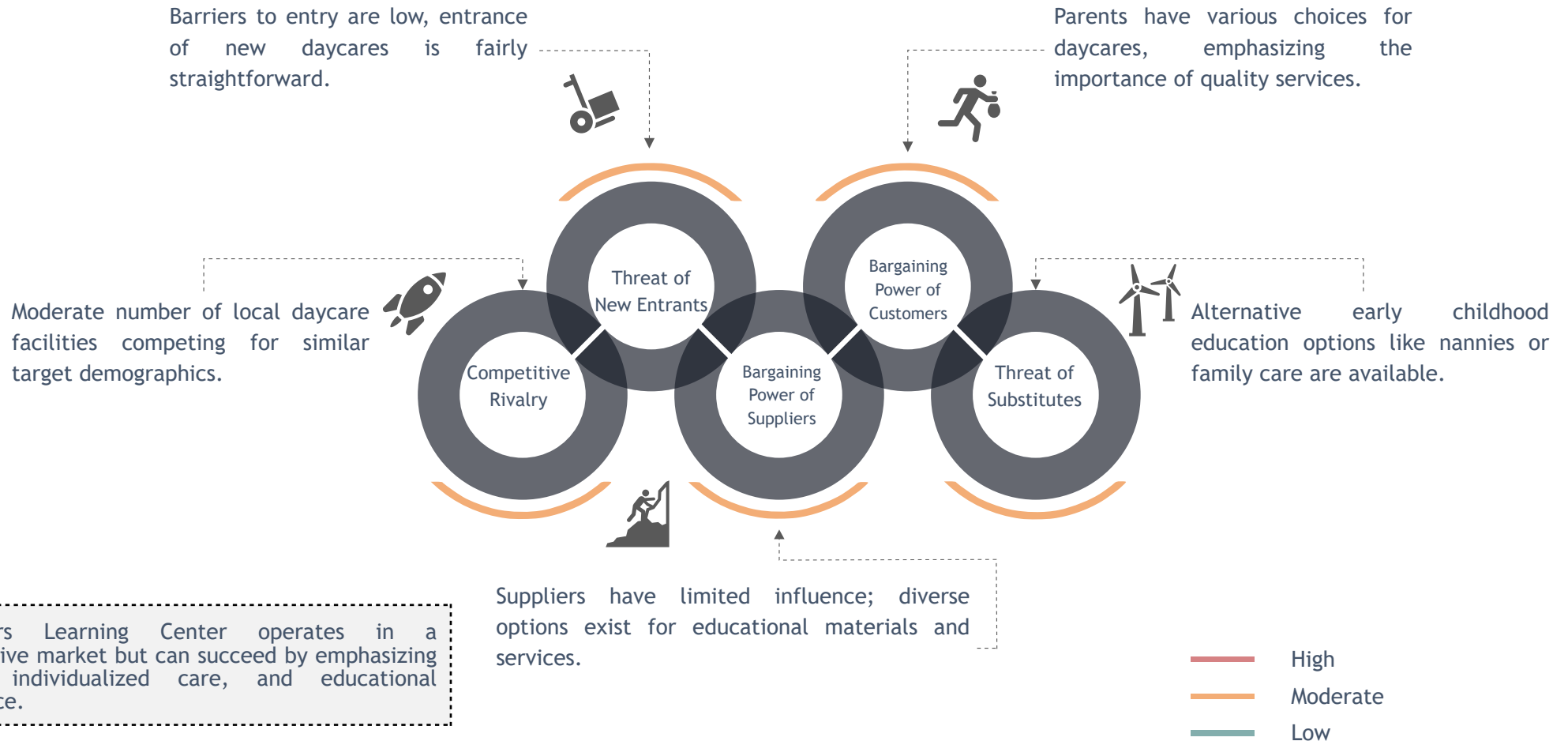
Is the firm organized to exploit the resource or capability?

LittleStars is well-organized to leverage its nurturing environment and experienced staff to maintain high-quality early childhood education and care.

LittleStars Learning Center has valuable, rare, and costly-to-imitate resources and capabilities. The firm is organized to fully utilize these strengths, ensuring a sustainable competitive advantage.



# Porter's Five Forces: Analysis



# Management Team

## Overview

Mads leads LittleStars, focusing on creating a safe, nurturing environment where children can thrive and develop essential skills.



Mads Jensen

Co-Founder & CEO

Sanne Petersen



Co-Founder & Director of Education

## Overview

Sanne ensures that LittleStars offers high-quality early childhood education, fostering a love for learning in every child

## Overview

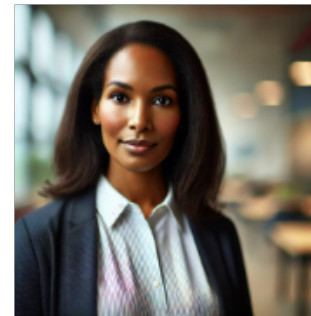
Lars manages daily operations, overseeing staff and resources to maintain a smooth and supportive environment for both children and parents.



Lars Thomsen

Operations Manager

Freja Andersen



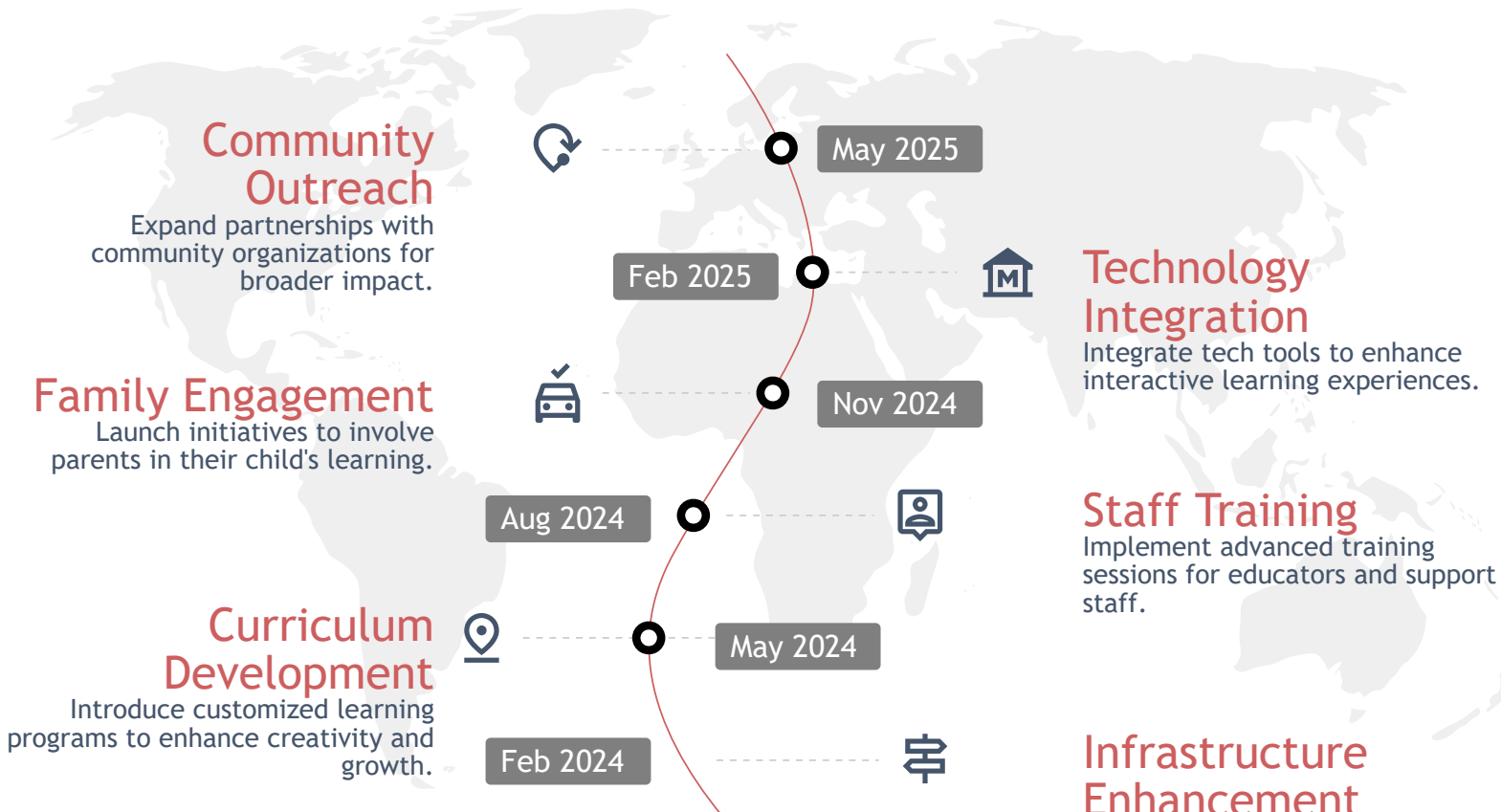
Parent Relations Manager

## Overview

Freja builds strong relationships with parents, ensuring clear communication and that every child's needs are met with care and attention



# History & Roadmap



**Current Status.**

LittleStars Learning Center's roadmap focuses on upgrading its educational environment and programs. Beginning in February 2024, the center will enhance its infrastructure for a better learning atmosphere. By May 2024, customized learning programs will be introduced. Staff will receive advanced training by August 2024. November 2024 will see new family engagement initiatives. By February 2025, technology will be integrated to make learning interactive. Finally, by May 2025, community outreach initiatives will expand partnerships and impact. This comprehensive roadmap ensures a nurturing and innovative approach to early childhood education.



# Organizational and Marketing Tasks

#	Check List Item	Status	Priority	Area	ETA
<b>General Planning and Organization</b>					
1	Develop Business Plan	●	Not Started	High	CEO 2 weeks
2	Register Business Name and Legal Entity	●	Not Started	High	CFO 1 month
3	Secure Initial Funding	●	Not Started	High	CFO 2 months
4	Draft Operational and Service Policies	●	Not Started	Medium	COO 3 weeks
5	Find and Lease Facility	●	Not Started	High	COO 1 month
6	Hire Key Staff	●	Not Started	High	CPO 2 months
7	Configure and Set Up IT and Educational Infrastructure	●	Not Started	Medium	CTO 1 month
8	Develop Emergency and Health Safety Procedures	●	Not Started	Medium	CSO 1.5 months
<b>Marketing</b>					
1	Develop a Comprehensive Marketing Plan	●	Not Started	High	CMO 2 weeks
2	Create Brand Identity and Logo	●	Not Started	High	CMO 3 weeks
3	Establish Social Media Presence	●	Not Started	Medium	CMO 1 month
4	Design and Launch Company Website	●	Not Started	High	CMO 1.5 months
5	Create and Distribute Promotional Materials	●	Not Started	Medium	CMO 2 months
6	Initiate Local Advertising Campaigns	●	Not Started	Medium	CRO 2.5 months
7	Develop Partnerships with Local Businesses	●	Not Started	High	CBO 3 months
8	Organize Community Outreach Events	●	Not Started	Medium	COO 4 months

# Overview of Phases

#	Check List Item	Status	Priority	Area	ETA	
<b>Phase 1 &amp; Technical Set Up for next Phases</b>						
1	Secure Facility Lease	●	Not Started	High	CFO	2 months
2	Hire Core Staff	●	Not Started	High	COO	3 months
3	Acquire Necessary Licenses and Permits	●	Not Started	High	CEO	2 months
4	Develop Safety and Cleanliness Protocols	●	Not Started	High	CSO	1 month
5	Create Initial Curriculum	●	Not Started	High	CPO	2 months
6	Set Up Classrooms and Activity Areas	●	Not Started	Medium	COO	1 month
7	Establish Enrollment Processes	●	Not Started	Medium	CBO	1 month
8	Launch Opening Event	●	Not Started	Low	CMO	4 months
<b>Phase 2</b>						
1	Integrate Advanced Educational Tools	●	Not Started	High	CTO	3 months
2	Increase Staff Training Programs	●	Not Started	High	COO	4 months
3	Enhance Activity Programs	●	Not Started	Medium	CPO	2 months
4	Upgrade Facility Equipment	●	Not Started	Medium	CFO	5 months
5	Implement Feedback System from Parents	●	Not Started	High	CMO	2 months
6	Develop Curriculum Enhancements	●	Not Started	High	CSO	3 months
7	Increase Community Outreach	●	Not Started	Medium	CRO	4 months
8	Refine Enrollment Process	●	Not Started	Low	COO	3 months

# Overview of Phases

#	Check List Item	Status	Priority	Area	ETA
<b>Phase 3</b>					
1	Launch After-School Programs	●	Not Started	High	COO 3 months
2	Organize Summer Camps	●	Not Started	High	CPO 4 months
3	Develop Specialized Workshops	●	Not Started	Medium	COO 5 months
4	Form Strategic Partnerships	●	Not Started	High	CRO 6 months
5	Expand Revenue Streams	●	Not Started	High	CFO 4 months
6	Hire Additional Educators	●	Not Started	Medium	COO 3 months
7	Enhance Marketing for New Programs	●	Not Started	High	CMO 2 months
8	Conduct Market Analysis for New Services	●	Not Started	Medium	CSO 3 months
<b>Phase 4</b>					
1	Develop Virtual Learning Platform	●	Not Started	High	CTO 6 months
2	Explore Franchise Model	●	Not Started	High	CEO 9 months
3	Research International Expansion Opportunities	●	Not Started	Medium	CSO 12 months
4	Integrate Cutting-Edge Educational Technologies	●	Not Started	High	CIO 8 months
5	Pilot Virtual Learning Programs	●	Not Started	Medium	COO 10 months
6	Secure Funding for Innovative Ventures	●	Not Started	High	CFO 5 months
7	Partnership Development for International Markets	●	Not Started	Medium	CBO 11 months
8	Evaluate High-Risk Opportunities	●	Not Started	Low	CRO 7 months

# Core Risks & Mitigation Strategies

## 1. Operation and maintenance risks

#	Risk Type	Area	Mitigation Strategy
1	Staff Turnover	COO	Implement competitive salary packages and provide continuous professional development and training to enhance employee satisfaction and retention.
2	Facility Maintenance	COO	Establish a regular maintenance schedule and set up emergency repair protocols to ensure the facility remains safe and functional.
3	Health and Safety	CSO	Develop comprehensive health and safety policies, conduct regular drills, and ensure all staff are trained in emergency procedures.
4	Supplies and Inventory Management	COO	Implement an inventory tracking system and establish reliable supplier relationships to ensure timely restocking of essential supplies.
5	Technology Failures	CTO	Implement robust and redundant technology infrastructure and conduct regular maintenance checks to minimize downtime.

## 2. Regulatory and legal risks

#	Risk Type	Area	Mitigation Strategy
1	Licensing Compliance	COO	Regular audits to ensure compliance with local and state regulations.
2	Staff Certification	CPO	Ensure all staff maintain necessary certifications and training.
3	Health and Safety Regulations	CSO	Implement safety protocols and regular training for staff.
4	Data Privacy Laws	CIO	Adopt strong data protection measures and regular audits.
5	Advertising Standards	CMO	Ensure all marketing materials comply with regulations.

### 3. Strategic/Market Risk

#	Risk Type	Area	Mitigation Strategy
1	Changing Market Demands	CMO	Conduct regular market surveys.
2	Increased Competition	CSO	Develop unique selling propositions.
3	Poor Brand Positioning	CMO	Enhance marketing and branding efforts.
4	Technology Obsolescence	CTO	Invest in continuous tech upgrades.
5	Economic Downturns	CFO	Create a financial buffer.

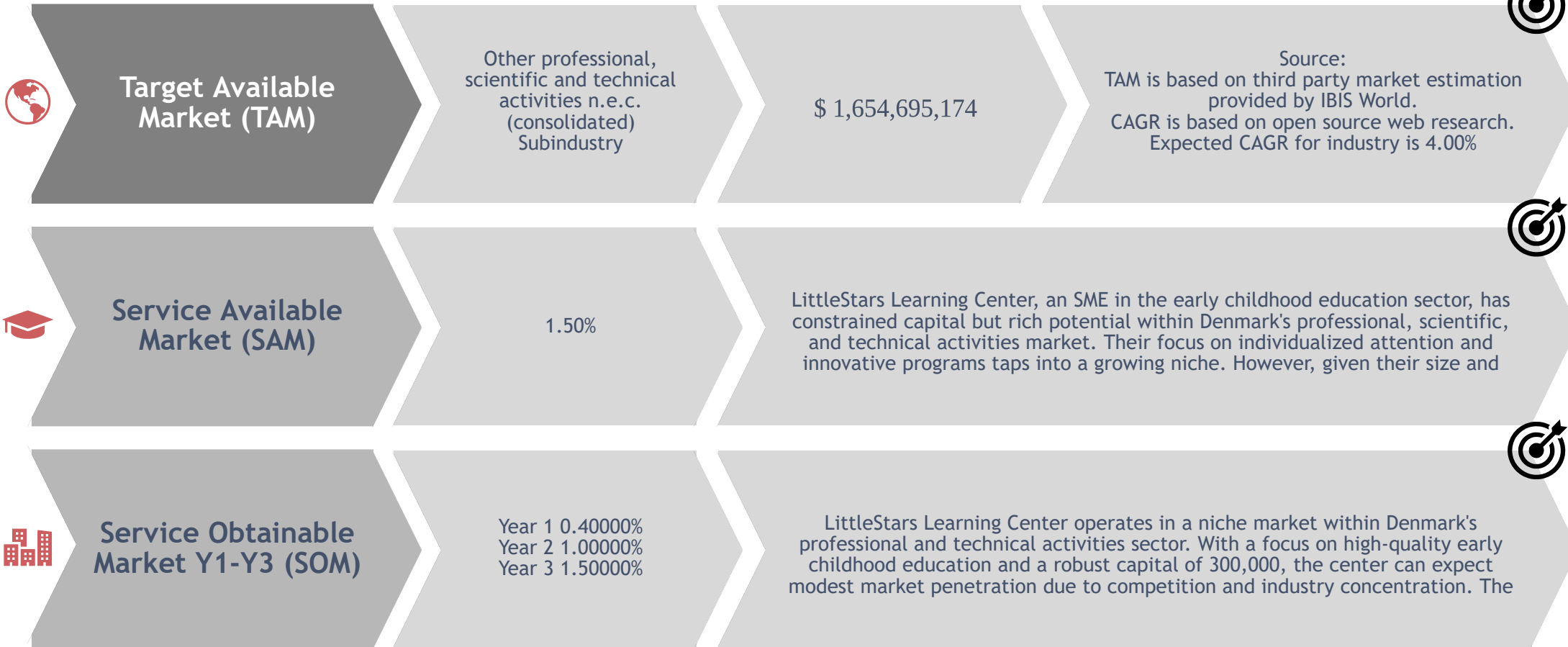
### 4. Finance risk

#	Risk Type	Area	Mitigation Strategy
1	Cash Flow Issues	CFO	Maintain a healthy cash reserve and optimize billing processes.
2	Funding Shortages	CFO	Diversify revenue streams and secure backup financing options.
3	Budget Overruns	COO	Implement strict budget controls and regular financial reviews.
4	Economic Downturn	CEO	Adjust pricing models and explore cost-saving measures.
5	High Development Costs	CIO	Prioritize investments and seek cost-effective solutions.

### 5. Other general risk

#	Risk Type	Area	Mitigation Strategy
1	Staff Turnover	COO	Implement retention programs and improve workplace culture
2	Parent Satisfaction	CPO	Regularly collect feedback and address concerns promptly
3	Brand Reputation	CMO	Invest in positive PR and monitor social media
4	Technological Adoption	CTO	Offer training and ensure ease of use for new tech
5	Competition	CSO	Continuously innovate and highlight unique offerings

# Market Overview (TAM, SAM and SOM)



# Funding Allocation

The funding will be used to finance the CAPEX and cash deficit from Year 1 operations, aiming to expedite the development process. In subsequent years the company plans to sustain operations without requiring major additional capital injection. Table below presents the overview of expected inflows and outflows.

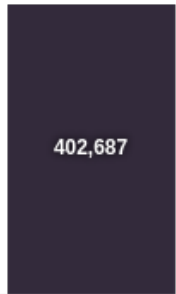
The total investment required is \$ 300,000

Y1 Cash Flow Stream(USD)	Inflows	Outflows
Gross Profit	48,152	
Payroll Expenses		9,928
Rent & Utilities		3,475
Marketing and Branding		1,291
Communication Expenses		894
Capex		250,000
Other Miscellaneous		894
Office supplies		794
Training and Development		794
Legal and Professional Fees		695
Representation and Entert.		616
<b>CAPEX &amp; WC shortage Y1</b>		<b>221,228</b>
<b>Buffer</b>		<b>78,772</b>
<b>Total Required Investment(USD)</b>		<b>300,000</b>



## Y3 PL formation and Margins

### Revenue



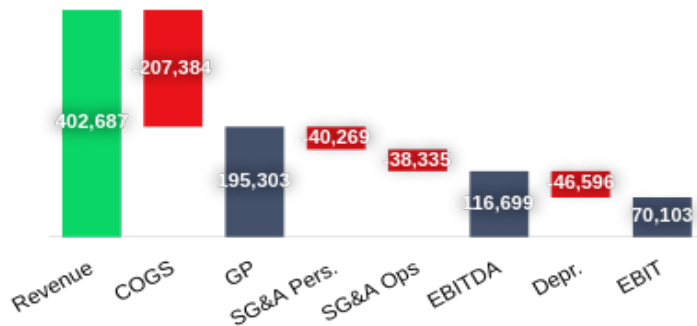
### Projected Revenue

- GP 48.5%
- EBITDA 29.0%

Y3

Y3

### PnL Formation (Y3 USD)

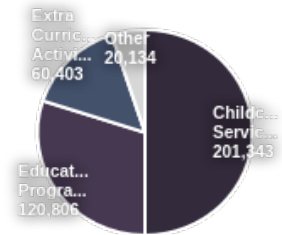
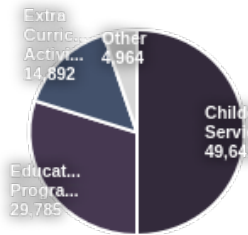


## Business Line Breakdown (USD)

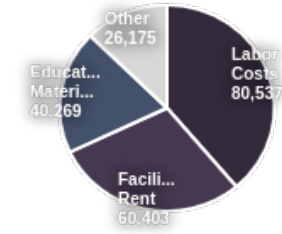
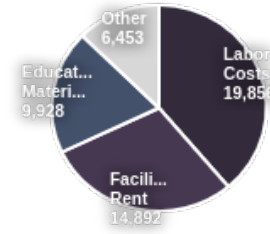
### Y1

### Y2

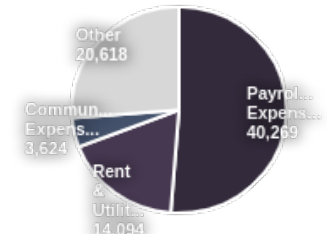
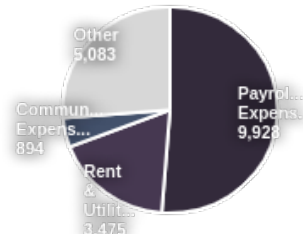
### Revenue



### COGS



### Admin

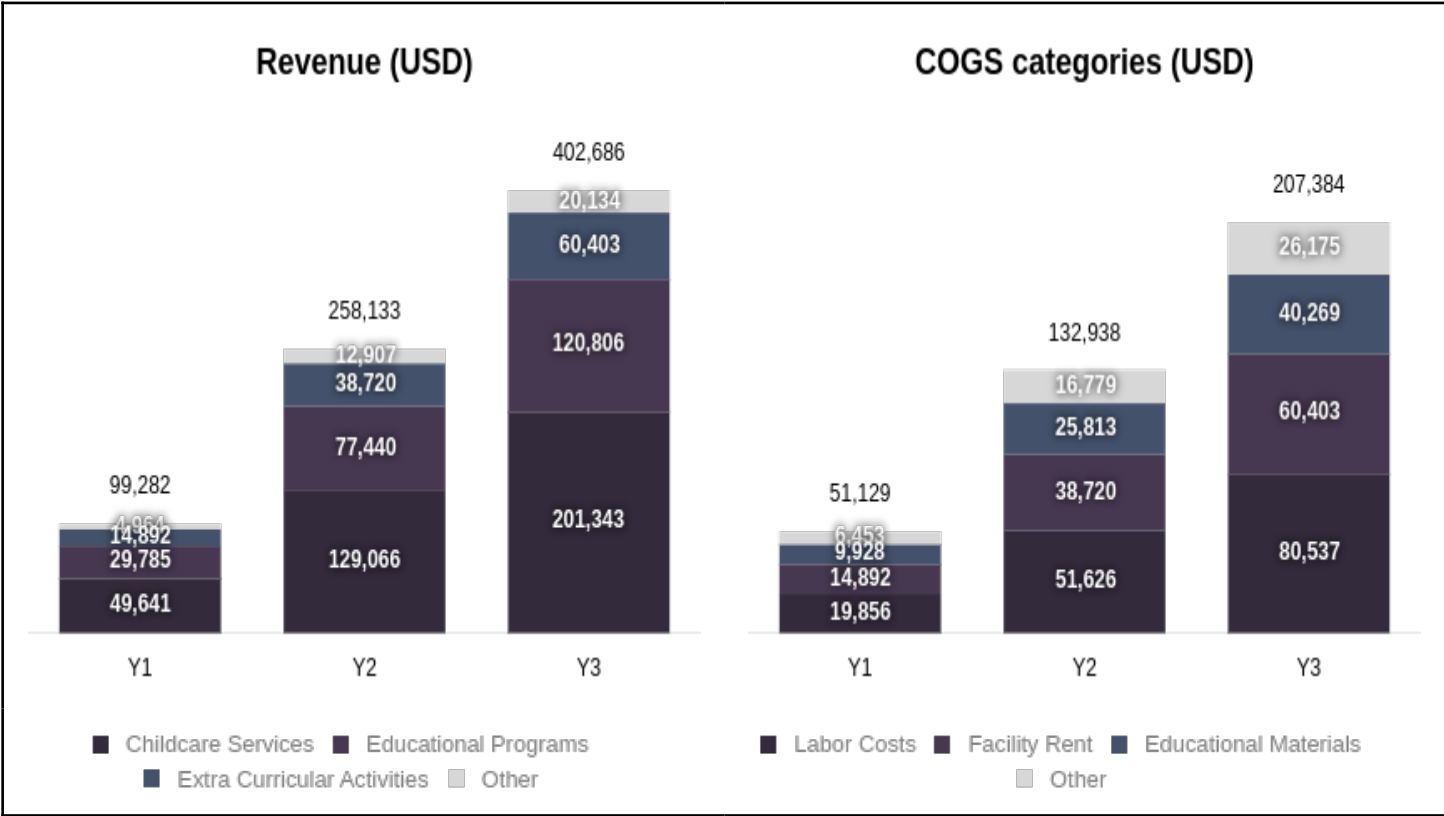




# Revenue Formation Narrative

LittleStars Learning Center is strategically positioned in the early childhood education market, aiming to capitalize on its comprehensive educational programs and individualized attention. Our Total Addressable Market (TAM) stands at 1,654,695,174 USD, reflecting the extensive demand in the Professional, Scientific, and Technical Activities sector. We estimate our Serviceable Addressable Market (SAM) to be 1.5% of this TAM, reaching about 24,820,427.61 USD. This estimation is based on our specialized offerings, scaling capabilities, and market potential, yet acknowledges our capital constraints and size relative to larger competitors. Our narrative around SAM is based on the growing niche we serve despite our current limited resources and a calculated approach reflecting our growth potential within Denmark. For our Serviceable Obtainable Market (SOM), we project steady and realistic growth in the first three years. In Year 1, we estimate obtaining 0.004% of the TAM, equating to revenues of 99,281.71 USD. This modest penetration takes into account market entry challenges and initial operational scaling. For Year 2, we anticipate expanding our market share to 0.01%, yielding 258,132.447 USD in revenue as we gain foothold and increase brand awareness. By Year 3, our focus on robust early childhood education programs should enable us to capture 0.015% of the TAM, translating to 402,686.618 USD in revenue, demonstrating our capacity for sustained growth amidst competition. Our revenue streams are diversified across four primary lines of business: Childcare Services (50% of total revenue), Educational Programs (30%), Extra Curricular Activities (15%), and Other (5%). These proportions underscore our commitment to holistic child development through a blend of care, education, and enrichment activities, all aimed at scaling our operational and financial footprints.

**\$ 402,687** <sup>Y3</sup> Projected Revenue      **0.02%** Market share



# Revenue Calculation Details

Revenue Formation	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	Y1	Y2	Y3
Childcare Services	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
Educational Programs	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%
Extra Curricular Activities	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Other	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%

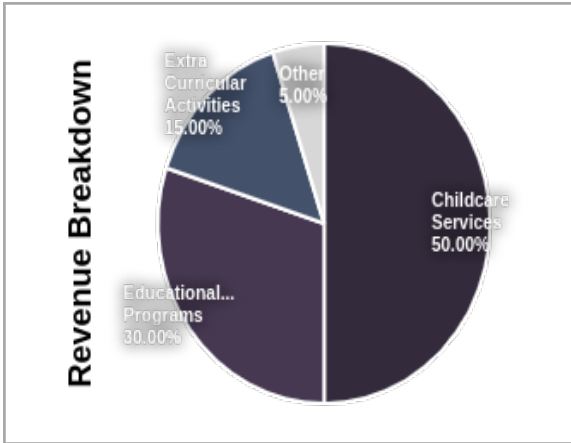
Childcare Services	3,103	3,103	3,103	3,723	3,723	3,723	4,550	4,550	4,550	5,171	5,171	5,171	49,641	129,066	201,343
Educational Programs	1,862	1,862	1,862	2,234	2,234	2,234	2,730	2,730	2,730	3,103	3,103	3,103	29,785	77,440	120,806
Extra Curricular Activities	931	931	931	1,117	1,117	1,117	1,365	1,365	1,365	1,551	1,551	1,551	14,892	38,720	60,403
Other	310	310	310	372	372	372	455	455	455	517	517	517	4,964	12,907	20,134
<b>Total Revenue (USD)</b>	<b>6,205</b>	<b>6,205</b>	<b>6,205</b>	<b>7,446</b>	<b>7,446</b>	<b>7,446</b>	<b>9,101</b>	<b>9,101</b>	<b>9,101</b>	<b>10,342</b>	<b>10,342</b>	<b>10,342</b>	<b>99,282</b>	<b>258,132</b>	<b>402,687</b>

Total revenue is expected to reach \$ 402,687 by year 3.

Main revenue driver are:

- Childcare Services which generates \$ 201,343 by Year 3
- Educational Programs which generates \$ 120,806 by Year 3

Expected CAGR for total Revenue in Y1-Y3 is 101.40 %



# COGS Calculation Details

COGS Formation	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	Y1	Y2	Y3
Labor Costs	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Facility Rent	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Educational Materials	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Other	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%

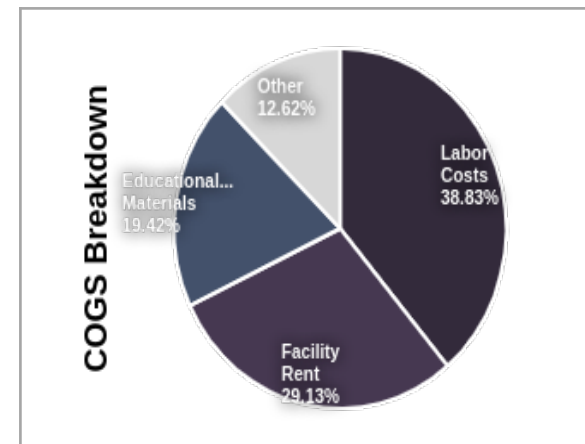
Labor Costs	1,241	1,241	1,241	1,489	1,489	1,489	1,820	1,820	1,820	2,068	2,068	2,068	19,856	51,626	80,537
Facility Rent	931	931	931	1,117	1,117	1,117	1,365	1,365	1,365	1,551	1,551	1,551	14,892	38,720	60,403
Educational Materials	621	621	621	745	745	745	910	910	910	1,034	1,034	1,034	9,928	25,813	40,269
Other	403	403	403	484	484	484	592	592	592	672	672	672	6,453	16,779	26,175
<b>Total COGS (USD)</b>	<b>3,196</b>	<b>3,196</b>	<b>3,196</b>	<b>3,835</b>	<b>3,835</b>	<b>3,835</b>	<b>4,687</b>	<b>4,687</b>	<b>4,687</b>	<b>5,326</b>	<b>5,326</b>	<b>5,326</b>	<b>51,130</b>	<b>132,938</b>	<b>207,384</b>

Total COGS is expected to reach \$ 207,384 by year 3.

Main revenue driver are:

- Labor Costs which generates \$ 80,537 by Year 3
- Facility Rent which generates \$ 60,403 by Year 3

Expected CAGR for total COGS in Y1-Y3 is 101.40 %



# SG&A Calculation Details

OPEX Formation	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	Y1	Y2	Y3
<i>Payroll Expenses</i>	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
<i>Rent &amp; Utilities</i>	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
<i>Communication Expenses</i>	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%
<i>Office supplies</i>	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%
<i>Legal and Professional Fees</i>	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%
<i>Marketing and Branding</i>	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
<i>Representation and Entertainment</i>	0.62%	0.62%	0.62%	0.62%	0.62%	0.62%	0.62%	0.62%	0.62%	0.62%	0.62%	0.62%	0.62%	0.62%	0.62%
<i>Training and Development</i>	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%
<i>Other Miscellaneous</i>	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%

<i>Payroll Expenses</i>	621	621	621	745	745	745	910	910	910	1,034	1,034	1,034	9,928	25,813	40,269
<i>Rent &amp; Utilities</i>	217	217	217	261	261	261	319	319	319	362	362	362	3,475	9,035	14,094
<i>Communication Expenses</i>	56	56	56	67	67	67	82	82	82	93	93	93	894	2,323	3,624
<i>Office supplies</i>	50	50	50	60	60	60	73	73	73	83	83	83	794	2,065	3,221
<i>Legal and Professional Fees</i>	43	43	43	52	52	52	64	64	64	72	72	72	695	1,807	2,819
<i>Marketing and Branding</i>	81	81	81	97	97	97	118	118	118	134	134	134	1,291	3,356	5,235
<i>Representation and Entertainment</i>	38	38	38	46	46	46	56	56	56	64	64	64	616	1,600	2,497
<i>Training and Development</i>	50	50	50	60	60	60	73	73	73	83	83	83	794	2,065	3,221
<i>Other Miscellaneous</i>	56	56	56	67	67	67	82	82	82	93	93	93	894	2,323	3,624

<b>Total SG&amp;A (USD)</b>	<b>1,211</b>	<b>1,211</b>	<b>1,211</b>	<b>1,453</b>	<b>1,453</b>	<b>1,453</b>	<b>1,776</b>	<b>1,776</b>	<b>1,776</b>	<b>2,019</b>	<b>2,019</b>	<b>2,019</b>	<b>19,380</b>	<b>50,387</b>	<b>78,604</b>
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# PaT Expectations

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Financial Projection

Income Statement (USD)	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	Y1	Y2	Y3
<b>Revenue</b>	6,205	6,205	6,205	7,446	7,446	7,446	9,101	9,101	9,101	10,342	10,342	10,342	99,282	258,132	402,687
Childcare Services	3,103	3,103	3,103	3,723	3,723	3,723	4,550	4,550	4,550	5,171	5,171	5,171	49,641	129,066	201,343
Educational Programs	1,862	1,862	1,862	2,234	2,234	2,234	2,730	2,730	2,730	3,103	3,103	3,103	29,785	77,440	120,806
Extra Curricular Activities	931	931	931	1,117	1,117	1,117	1,365	1,365	1,365	1,551	1,551	1,551	14,892	38,720	60,403
Other	310	310	310	372	372	372	455	455	455	517	517	517	4,964	12,907	20,134
<b>COGS</b>	-3,196	-3,196	-3,196	-3,835	-3,835	-3,835	-4,687	-4,687	-4,687	-5,326	-5,326	-5,326	-51,130	-132,938	-207,384
Labor Costs	-1,241	-1,241	-1,241	-1,489	-1,489	-1,489	-1,820	-1,820	-1,820	-2,068	-2,068	-2,068	-19,856	-51,626	-80,537
Facility Rent	-931	-931	-931	-1,117	-1,117	-1,117	-1,365	-1,365	-1,365	-1,551	-1,551	-1,551	-14,892	-38,720	-60,403
Educational Materials	-621	-621	-621	-745	-745	-745	-910	-910	-910	-1,034	-1,034	-1,034	-9,928	-25,813	-40,269
Other	-403	-403	-403	-484	-484	-484	-592	-592	-592	-672	-672	-672	-6,453	-16,779	-26,175
<b>Gross Profit</b>	<b>3,009</b>	<b>3,009</b>	<b>3,009</b>	<b>3,611</b>	<b>3,611</b>	<b>3,611</b>	<b>4,414</b>	<b>4,414</b>	<b>4,414</b>	<b>5,016</b>	<b>5,016</b>	<b>5,016</b>	<b>48,152</b>	<b>125,194</b>	<b>195,303</b>
SG&A Personal Expenses	-621	-621	-621	-745	-745	-745	-910	-910	-910	-1,034	-1,034	-1,034	-9,928	-25,813	-40,269
SG&A Operating Expenses	-591	-591	-591	-709	-709	-709	-866	-866	-866	-985	-985	-985	-9,452	-24,574	-38,336
<b>EBITDA</b>	<b>1,798</b>	<b>1,798</b>	<b>1,798</b>	<b>2,158</b>	<b>2,158</b>	<b>2,158</b>	<b>2,637</b>	<b>2,637</b>	<b>2,637</b>	<b>2,997</b>	<b>2,997</b>	<b>2,997</b>	<b>28,772</b>	<b>74,807</b>	<b>116,699</b>
Depreciation	-3,883	-3,883	-3,883	-3,883	-3,883	-3,883	-3,883	-3,883	-3,883	-3,883	-3,883	-3,883	-46,595	-46,595	-46,595
<b>EBIT</b>	<b>-2,085</b>	<b>-2,085</b>	<b>-2,085</b>	<b>-1,725</b>	<b>-1,725</b>	<b>-1,725</b>	<b>-1,246</b>	<b>-1,246</b>	<b>-1,246</b>	<b>-886</b>	<b>-886</b>	<b>-886</b>	<b>-17,823</b>	<b>28,212</b>	<b>70,103</b>
Interest Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Profit before Tax</b>	<b>-2,085</b>	<b>-2,085</b>	<b>-2,085</b>	<b>-1,725</b>	<b>-1,725</b>	<b>-1,725</b>	<b>-1,246</b>	<b>-1,246</b>	<b>-1,246</b>	<b>-886</b>	<b>-886</b>	<b>-886</b>	<b>-17,823</b>	<b>28,212</b>	<b>70,103</b>
Tax	459	459	459	380	380	380	274	274	274	195	195	195	3,921	-6,207	-15,423
<b>Profit after Tax (USD)</b>	<b>-1,626</b>	<b>-1,626</b>	<b>-1,626</b>	<b>-1,346</b>	<b>-1,346</b>	<b>-1,346</b>	<b>-972</b>	<b>-972</b>	<b>-972</b>	<b>-691</b>	<b>-691</b>	<b>-691</b>	<b>-13,902</b>	<b>22,005</b>	<b>54,681</b>

# Balance Sheet Statement

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Financial Projection

Balance Sheet (USD)	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	Y1	Y2	Y3
Cash & Cash Equivalents	42,398	44,196	45,296	46,272	48,430	49,657	50,718	53,355	55,295	57,110	60,107	59,846	59,846	113,810	150,522
Accounts Receivable	6,205	6,205	6,205	7,446	7,446	7,446	9,101	9,101	9,101	10,342	10,342	10,342	10,342	26,889	41,947
Inventory	3,196	3,196	3,835	3,835	3,835	4,687	4,687	4,687	5,326	5,326	5,326	8,309	8,309	12,961	21,602
Prepaid Expenses	295	295	354	354	354	433	433	433	492	492	492	768	768	1,198	1,997
Deferred Tax Assets	459	917	1,376	1,755	2,135	2,514	2,788	3,062	3,336	3,531	3,726	3,921	3,921	-	-
<b>Current Assets</b>	<b>52,552</b>	<b>54,809</b>	<b>57,066</b>	<b>59,662</b>	<b>62,200</b>	<b>64,737</b>	<b>67,727</b>	<b>70,639</b>	<b>73,550</b>	<b>76,801</b>	<b>79,993</b>	<b>83,185</b>	<b>83,185</b>	<b>154,859</b>	<b>216,067</b>
Building Leasehold Improvements	74,375	73,750	73,125	72,500	71,875	71,250	70,625	70,000	69,375	68,750	68,125	67,500	67,500	60,000	52,500
Educational Equipment and Furniture	78,667	77,333	76,000	74,667	73,333	72,000	70,667	69,333	68,000	66,667	65,333	64,000	64,000	48,000	32,000
IT Infrastructure	48,611	47,222	45,833	44,444	43,056	41,667	40,278	38,889	37,500	36,111	34,722	33,333	33,333	16,667	50,000
Outdoor Playground Setup	44,464	43,929	43,393	42,857	42,321	41,786	41,250	40,714	40,179	39,643	39,107	38,571	38,571	32,143	25,714
<b>Non-Current Assets</b>	<b>246,117</b>	<b>242,234</b>	<b>238,351</b>	<b>234,468</b>	<b>230,585</b>	<b>226,702</b>	<b>222,819</b>	<b>218,937</b>	<b>215,054</b>	<b>211,171</b>	<b>207,288</b>	<b>203,405</b>	<b>203,405</b>	<b>156,810</b>	<b>160,214</b>
<b>Total Assets</b>	<b>298,669</b>	<b>297,043</b>	<b>295,417</b>	<b>294,131</b>	<b>292,785</b>	<b>291,440</b>	<b>290,547</b>	<b>289,575</b>	<b>288,604</b>	<b>287,972</b>	<b>287,281</b>	<b>286,590</b>	<b>286,590</b>	<b>311,668</b>	<b>376,282</b>
Accounts Payable	295	295	295	354	354	354	433	433	433	492	492	492	492	1,280	1,997
Short-Term Loans	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accrued Interest Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deferred Tax Liabilities	-	-	-	-	-	-	-	-	-	-	-	-	-	2,285	11,502
<b>Current Liabilities</b>	<b>295</b>	<b>295</b>	<b>295</b>	<b>354</b>	<b>354</b>	<b>354</b>	<b>433</b>	<b>433</b>	<b>433</b>	<b>492</b>	<b>492</b>	<b>492</b>	<b>492</b>	<b>3,565</b>	<b>13,498</b>
Loans and other borrowings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-Current Liabilities</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Liabilities</b>	<b>295</b>	<b>295</b>	<b>295</b>	<b>354</b>	<b>354</b>	<b>354</b>	<b>433</b>	<b>433</b>	<b>433</b>	<b>492</b>	<b>492</b>	<b>492</b>	<b>492</b>	<b>3,565</b>	<b>13,498</b>
Paid-In Capital	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Retained Earnings	-	-	-	-	-	-	-	-	-	-	-	-	-	-13,902	8,103
Current Period Earnings	-1,626	-3,252	-4,878	-6,224	-7,569	-8,915	-9,886	-10,858	-11,829	-12,520	-13,211	-13,902	-13,902	22,005	54,681
<b>Total Equity</b>	<b>298,374</b>	<b>296,748</b>	<b>295,122</b>	<b>293,776</b>	<b>292,431</b>	<b>291,085</b>	<b>290,114</b>	<b>289,142</b>	<b>288,171</b>	<b>287,480</b>	<b>286,789</b>	<b>286,098</b>	<b>286,098</b>	<b>308,103</b>	<b>362,783</b>

# Cash Flow Statement - Direct

Cash Flow Statement - Direct (USD)	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	Y1	Y2	Y3
<b>Initial Balance</b>	46,509	42,398	44,196	45,296	46,272	48,430	49,657	50,718	53,355	55,295	57,110	60,107	-	59,846	113,810
Cash from sales of goods/services	-	6,205	6,205	6,205	7,446	7,446	7,446	9,101	9,101	9,101	10,342	10,342	88,940	241,585	387,629
Payments to employees/vendors	-4,112	-4,407	-5,046	-5,229	-5,288	-6,140	-6,385	-6,463	-7,103	-7,286	-7,345	-10,327	-78,326	-187,191	-293,912
Advances paid/received	-	-	-59	-	-	-79	-	-	-59	-	-	-276	-768	-430	-799
Taxes paid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-6,207
Interest paid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>CF from Operating Activities</b>	<b>-4,112</b>	<b>1,798</b>	<b>1,100</b>	<b>976</b>	<b>2,158</b>	<b>1,227</b>	<b>1,061</b>	<b>2,637</b>	<b>1,939</b>	<b>1,815</b>	<b>2,997</b>	<b>-261</b>	<b>9,846</b>	<b>53,965</b>	<b>86,711</b>
Acquisition of															
Building Leasehold Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-75,000	-	-
Educational Equipment and Furniture	-	-	-	-	-	-	-	-	-	-	-	-	-80,000	-	-
IT Infrastructure	-	-	-	-	-	-	-	-	-	-	-	-	-50,000	-	-50,000
Outdoor Playground Setup	-	-	-	-	-	-	-	-	-	-	-	-	-45,000	-	-
<b>CF from Investing Activities</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-250,000</b>	<b>-</b>	<b>-50,000</b>
Loans received / paid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Investments received / paid	-	-	-	-	-	-	-	-	-	-	-	-	300,000	-	-
<b>CF from Financing activities</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300,000</b>	<b>-</b>	<b>-</b>
<b>Ending Balance</b>	<b>42,398</b>	<b>44,196</b>	<b>45,296</b>	<b>46,272</b>	<b>48,430</b>	<b>49,657</b>	<b>50,718</b>	<b>53,355</b>	<b>55,295</b>	<b>57,110</b>	<b>60,107</b>	<b>59,846</b>	<b>59,846</b>	<b>113,810</b>	<b>150,522</b>

## Assumptions:

- invoices are paid in 30 days;
- inventory is built for the next month;
- salaries are paid in the same month;
- half of admin expenses except salaries is prepaid;
- half of admin expenses except salaries is paid in 30 days;
- interest expenses are paid in the next month.

# Cash Flow Statement - Indirect

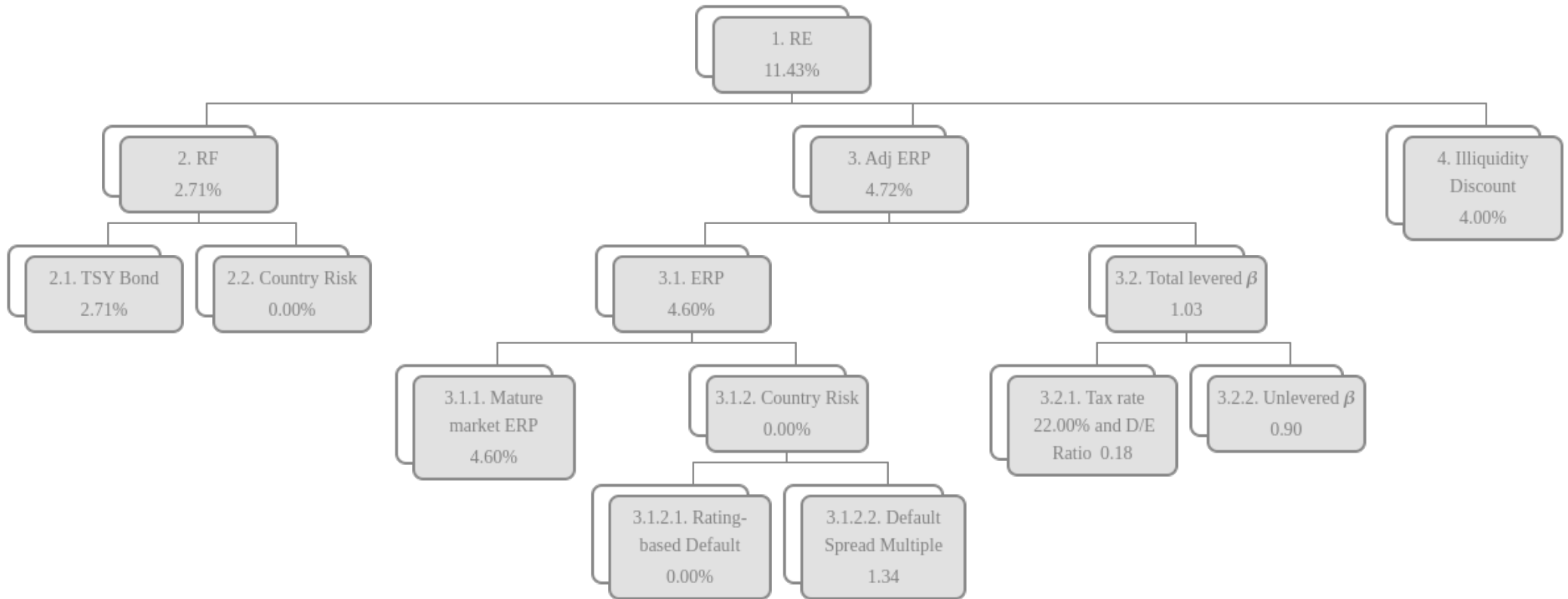
Cash Flow Statement - Indirect (USD)	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	Y1	Y2	Y3
<b>Initial Balance</b>	46,509	42,398	44,196	45,296	46,272	48,430	49,657	50,718	53,355	55,295	57,110	60,107	-	59,846	113,810
EBIT	-2,085	-2,085	-2,085	-1,725	-1,725	-1,725	-1,246	-1,246	-1,246	-886	-886	-886	-17,823	28,212	70,103
Δ Receivables & Prepaids	-6,205	-	-59	-1,241	-	-79	-1,655	-	-59	-1,241	-	-276	-11,110	-16,977	-15,856
Δ Payables	295	-	-	59	-	-	79	-	-	59	-	-	492	788	717
Δ Inventory	-	-	-639	-	-	-852	-	-	-639	-	-	-2,983	-8,309	-4,653	-8,641
Δ Depreciation	3,883	3,883	3,883	3,883	3,883	3,883	3,883	3,883	3,883	3,883	3,883	3,883	46,595	46,595	46,595
Tax Paid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-6,207
Interest Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>CF from Operating Activities</b>	<b>-4,112</b>	<b>1,798</b>	<b>1,100</b>	<b>976</b>	<b>2,158</b>	<b>1,227</b>	<b>1,061</b>	<b>2,637</b>	<b>1,939</b>	<b>1,815</b>	<b>2,997</b>	<b>-261</b>	<b>9,846</b>	<b>53,965</b>	<b>86,711</b>
Acquisition of															
Building Leasehold Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-75,000	-	-
Educational Equipment and Furniture	-	-	-	-	-	-	-	-	-	-	-	-	-80,000	-	-
IT Infrastructure	-	-	-	-	-	-	-	-	-	-	-	-	-50,000	-	-50,000
Outdoor Playground Setup	-	-	-	-	-	-	-	-	-	-	-	-	-45,000	-	-
<b>CF from Investing Activities</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-250,000</b>	<b>-</b>	<b>-50,000</b>
Loans received / paid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Investments received / paid	-	-	-	-	-	-	-	-	-	-	-	-	300,000	-	-
<b>CF from Financing activities</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300,000</b>	<b>-</b>	<b>-</b>
<b>Ending Balance</b>	<b>42,398</b>	<b>44,196</b>	<b>45,296</b>	<b>46,272</b>	<b>48,430</b>	<b>49,657</b>	<b>50,718</b>	<b>53,355</b>	<b>55,295</b>	<b>57,110</b>	<b>60,107</b>	<b>59,846</b>	<b>59,846</b>	<b>113,810</b>	<b>150,522</b>

## Assumptions:

- invoices are paid in 30 days;
- inventory is built for the next month;
- salaries are paid in the same month;
- half of admin expenses except salaries is prepaid;
- half of admin expenses except salaries is paid in 30 days;
- interest expenses are paid in the next month.



## Required Return on Equity Derivation



## Methodology

Weighted Average Cost of Capital is calculated using Capital Asset Pricing Model (CAPM). Since the company is purely equity funded the WACC is equal to its Required Return on Equity R(E). The main research inputs used in calculations are based on studies published by professor at Stern School of Business Aswath Damodaran. Return on Equity R(E) is  $R(E) = R(F) + \beta * (ERP)$ , where: R(F) is Risk Free Rate. The basis for calculation of R(F) is the average of the yield of USD 30 Year TSY Bond. The horizon. ERP is Mature Market Equity Risk Premium. It incorporates market estimates for Rating-Based Default Spread and Default Spread Multiple ( $\beta$ ) is average equity betas of corresponding industries. Despite the company has no debt, the unlevered beta was levered with industry average figures to reflect the long-term D/E ration in the capital structure. Additionally, Illiquidity Risk Premium of 4% is added to the estimated Return on Equity to reflect risk associated with firm being Privately Held vs Publicly Traded Companies.

## Additional Assumptions

To calculate the companies Firm Value, its future Free Cash Flow to Equity (FCFE) is discounted using estimated Required Return on Equity.

The 3rd-year projected cash flow is used as a representation of the long-term Free Cash Flow to the Equity (FCFE). This approach may understate the valuation because cash flows are expected to grow more aggressively in the first 10 years, and the growth from years 4 to 10 is not reflected in this calculation. Long-term growth rate of 5% is applied.

After discounting the cashflows and measuring the Firm Value it is adjusted to historical estimate of Start-up firm's survival rate. The allows to incorporate risk of start-ups fails.

## Survival of new establishments founded in 1998

	Proportion of firms that were started in 1998 that survived through						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Natural resources	82.33%	69.54%	59.41%	49.56%	43.43%	39.96%	36.68%
Construction	80.69%	65.73%	53.56%	42.59%	36.96%	33.36%	29.96%
Manufacturing	84.19%	68.67%	56.98%	47.41%	40.88%	37.03%	33.91%
Transportation	82.58%	66.82%	54.70%	44.68%	38.21%	34.12%	31.02%
Information	80.75%	62.85%	49.49%	37.70%	31.24%	28.29%	24.78%
Financial activities	84.09%	69.57%	58.56%	49.24%	43.93%	40.34%	36.90%
Business services	82.32%	66.82%	55.13%	44.28%	38.11%	34.46%	31.08%
Health services	85.59%	72.83%	63.73%	55.37%	50.09%	46.47%	43.71%
Leisure	81.15%	64.99%	53.61%	43.76%	38.11%	34.54%	31.40%
Other services	80.72%	64.81%	53.32%	43.88%	37.05%	32.33%	28.77%
All firms	81.24%	65.77%	54.29%	44.36%	38.29%	34.44%	31.18%

[http://pages.stern.nyu.edu/~adamodar/New\\_Home\\_Page/datafile/ctryprem.html](http://pages.stern.nyu.edu/~adamodar/New_Home_Page/datafile/ctryprem.html)

<https://pages.stern.nyu.edu/~adamodar/pdfiles/papers/younggrowth.pdf>

<http://pages.stern.nyu.edu/~adamodar/>

# Business Valuation

	(USD)	Y1	Y2	Y3	Y4	Y5	Y6	Y7
DCF	Profit after Tax	-13,902	22,005	54,681	56,868	59,143	61,508	63,969
	Growth% Y4-Y7				4.00%	4.00%	4.00%	4.00%
	Growth% Y7 -->	3.50%						
	WACC	11.43%						
	PV Y1-Y7 at Y0	-12,476	17,722	39,520	36,884	34,424	32,129	29,986
	PV Y7 --> Y0	391,305						
	<b>NPV (USD)</b>	<b>569,494</b>						

Average Survival Rate for 3 Years

50%

Final Valuation

\$ 284,747

The valuation is conducted using the Discounted Cash Flow (DCF) method. In this method, the projected cash flows for a period of 7 years, along with a terminal value, are discounted at a rate of 11.43 % to determine the Firm Value.

Starting from year 3 onwards, the cash flows are estimated to grow at a rate of 4.00 %, which is consistent with the market Compound Annual Growth Rate (CAGR) trend. Beyond year 7, the cash flows are assumed to grow at a long-term growth rate of 3.50 %.

To account for the inherent risks associated with a start-up venture, the Firm Value is adjusted using the historical survival rate of newly established firms. As indicated by the study conducted by Aswath Damodaran, there was approximately 50% probability of survival for Information sector companies. This adjustment allows to incorporate the risk profile of the business and provide a more comprehensive assessment of its value.

It is important to note that if the company can successfully navigate through its initial three years of operation, it is expected to have a significantly higher likelihood of becoming a going concern. This underscores the importance of demonstrating resilience and establishing a solid foundation during the critical early stages of the business.

# Scenario Analysis: Narrative

Scenario analysis explores how external and internal factors influence key assumptions in financial planning. By analyzing potential positive and negative outcomes, company can better anticipate risks and opportunities when evaluating their future cash flows and overall valuation.

KPI	Scenario	Narrative	KPI affected by
Revenue	Positive	This scenario reflects a favorable market environment or a strategic breakthrough, leading to higher projected revenue. It showcases the potential rewards of scaling and innovative approaches.	higher by 15%
	Negative	This scenario accounts for challenging conditions such as economic downturns or market disruptions, forecasting a potential revenue decrease. It emphasizes the importance of adaptability and risk management.	lower by 15%
COGS	Positive	This scenario demonstrates the benefits of operational efficiency or cost-saving strategies, resulting in reduced COGS. It highlights the value of innovation in supply chain and operations.	lower by 20%
	Negative	This scenario addresses rising costs due to external pressures, resulting in an increase in COGS. It underlines the need for proactive cost-control measures.	higher by 20%
Discount Rate (RoE)	Positive	This scenario assumes a decrease in the discount rate (RoE) due to improved market conditions, lower perceived risk, or favorable macroeconomic factors. A lower discount rate increases the present value of future cash flows, enhancing the company's valuation.	lower by 10%
	Negative	This scenario models an increase in the discount rate (RoE) driven by higher market risk, macroeconomic instability, or industry-specific challenges. A higher discount rate reduces the present value of future cash flows, decreasing the company's valuation.	higher by 10%

# Scenario Analysis: Results

Scenario analysis explores how external and internal factors influence key assumptions in financial planning. By analyzing potential positive and negative outcomes, company can better anticipate risks and opportunities when evaluating their future cash flows and overall valuation.

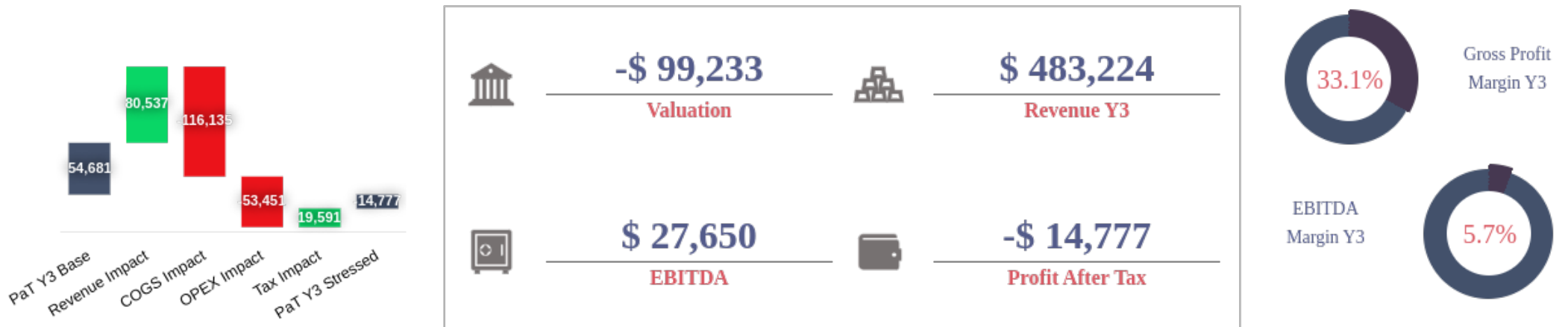
Scenario Analysis		Revenue		COGS		Discount Rate		
	KPIs	Base	Positive	Negative	Positive	Negative	Positive	Negative
Input	Revenue	no impact	15%	-15%	no impact	no impact	no impact	no impact
	COGS	no impact	no impact	no impact	-20%	20%	no impact	no impact
	RoE	no impact	no impact	no impact	no impact	no impact	-10%	10%
Output	Revenue Y3	\$ 402,687	\$ 463,090	\$ 342,284	\$ 402,687	\$ 402,687	\$ 402,687	\$ 402,687
	Gross Profit Y3	\$ 195,303	\$ 224,598	\$ 166,008	\$ 236,780	\$ 153,826	\$ 195,303	\$ 195,303
	GP Margin	49%	49%	49%	59%	38%	49%	49%
	EBITDA Y3	\$ 116,699	\$ 134,203	\$ 99,194	\$ 158,175	\$ 75,222	\$ 116,699	\$ 116,699
	EBITDA Margin	29%	29%	29%	39%	19%	29%	29%
	Net Profit Y3	\$ 54,681	\$ 68,334	\$ 41,027	\$ 87,032	\$ 22,329	\$ 54,681	\$ 54,681
	Profit Margin	14%	15%	12%	22%	6%	14%	14%
Final Valuation	\$ 284,747	\$ 360,228	\$ 209,266	\$ 463,596	\$ 105,898	\$ 339,381	\$ 244,015	

# Stress Test: Growth Under Pressure

Stress tests provide a comprehensive view of how businesses might perform under extreme conditions, enabling better preparation for the uncertainties of real-world challenges.

Scenario Name	Story	KPIs impact	
<b>Growth Under Pressure</b>	<p>This scenario explores the challenges of managing rapid growth while dealing with operational bottlenecks. A surge in demand and revenue places significant strain on supply chains and internal processes. Despite achieving higher sales volumes, inefficiencies in scaling lead to increased costs and a heightened risk perception, keeping the discount rate elevated. 'Growth Under Pressure' examines how businesses can balance seizing growth opportunities while investing in infrastructure, talent, and systems to support scalability.</p>	<b>Revenue</b> Higher by 20%	<b>COGS</b> Higher by 30%
		<b>OPEX</b> Higher by 40%	<b>Discount Rate</b> unaffected

## Results



# Stress Test: The Perfect Storm

Stress tests provide a comprehensive view of how businesses might perform under extreme conditions, enabling better preparation for the uncertainties of real-world challenges.

## Scenario Name

## Story

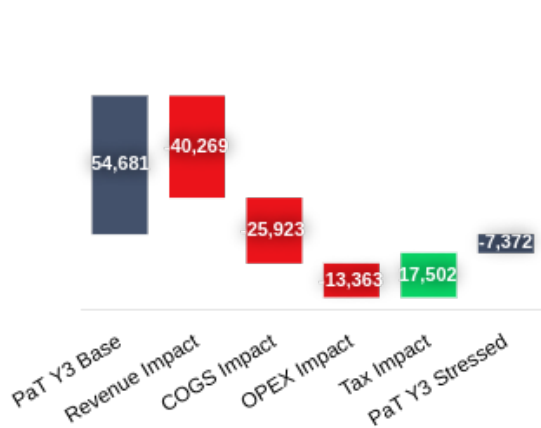
## KPIs impact

**The Perfect Storm**

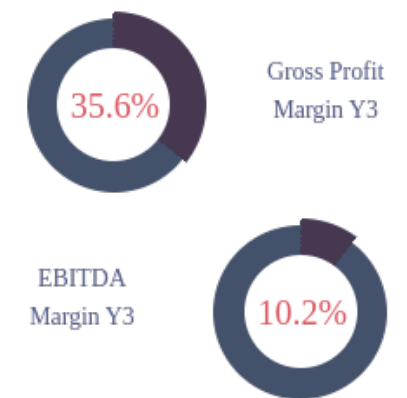
This scenario simulates the convergence of adverse market conditions and rising operational challenges. A sharp downturn in market demand coincides with increased costs due to inflation and supply chain disruptions. The combination results in a dual hit to both top-line revenue and operational margins. Additionally, external factors such as economic instability elevate the discount rate, amplifying the pressure on future cash flows. Businesses facing 'The Perfect Storm' must focus on resilience through diversified revenue streams, cost-control measures, and contingency planning.

<b>Revenue</b> Lower by 10%	<b>COGS</b> Higher by 25%
<b>OPEX</b> Higher by 30%	<b>Discount Rate</b> Higher by 10%

## Results



	<b>-\$ 52,541</b> Valuation		<b>\$ 362,418</b> Revenue Y3
	<b>\$ 37,144</b> EBITDA		<b>-\$ 7,372</b> Profit After Tax



# Sensitivity Analysis: SAM & SOM

This sensitivity analysis evaluates the potential impact of changes in Serviceable Addressable Market (SAM) and Serviceable Obtainable Market (SOM) on key financial metrics. By simulating percentage variations in SAM and SOM, this analysis helps identify how shifts in market assumptions affect revenue, profitability, and overall valuation.

		SAM						SOM					
		-20%	-10%	-5%	5%	10%	20%	-9%	-6%	-3%	3%	6%	9%
Revenue	Y1	\$ 79,425	\$ 89,354	\$ 94,318	\$ 104,246	\$ 109,210	\$ 119,138	\$ 90,346	\$ 93,325	\$ 96,303	\$ 102,260	\$ 105,239	\$ 108,217
	Y2	\$ 206,506	\$ 232,319	\$ 245,226	\$ 271,039	\$ 283,946	\$ 309,759	\$ 234,901	\$ 242,645	\$ 250,388	\$ 265,876	\$ 273,620	\$ 281,364
	Y3	\$ 322,149	\$ 362,418	\$ 382,552	\$ 422,821	\$ 442,955	\$ 483,224	\$ 366,445	\$ 378,525	\$ 390,606	\$ 414,767	\$ 426,848	\$ 438,928
Gross Profit	Y1	\$ 38,521	\$ 43,336	\$ 45,744	\$ 50,559	\$ 52,967	\$ 57,782	\$ 43,818	\$ 45,263	\$ 46,707	\$ 49,596	\$ 51,041	\$ 52,485
	Y2	\$ 100,155	\$ 112,675	\$ 118,935	\$ 131,454	\$ 137,714	\$ 150,233	\$ 113,927	\$ 117,683	\$ 121,438	\$ 128,950	\$ 132,706	\$ 136,462
	Y3	\$ 156,242	\$ 175,773	\$ 185,538	\$ 205,068	\$ 214,833	\$ 234,364	\$ 177,726	\$ 183,585	\$ 189,444	\$ 201,162	\$ 207,021	\$ 212,880
GP Margin	Y1	49%	49%	49%	49%	49%	49%	49%	49%	49%	49%	49%	49%
	Y2	49%	49%	49%	49%	49%	49%	49%	49%	49%	49%	49%	49%
	Y3	49%	49%	49%	49%	49%	49%	49%	49%	49%	49%	49%	49%
EBITDA	Y1	\$ 23,017	\$ 25,895	\$ 27,333	\$ 30,210	\$ 31,649	\$ 34,526	\$ 26,182	\$ 27,046	\$ 27,909	\$ 29,635	\$ 30,498	\$ 31,361
	Y2	\$ 59,845	\$ 67,326	\$ 71,066	\$ 78,547	\$ 82,287	\$ 89,768	\$ 68,074	\$ 70,318	\$ 72,563	\$ 77,051	\$ 79,295	\$ 81,539
	Y3	\$ 93,359	\$ 105,029	\$ 110,864	\$ 122,534	\$ 128,368	\$ 140,038	\$ 106,196	\$ 109,697	\$ 113,198	\$ 120,200	\$ 123,700	\$ 127,201
EBITDA Margin	Y1	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%
	Y2	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%
	Y3	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%	29%
Net Profit	Y1	-\$ 18,391	-\$ 16,146	-\$ 15,024	-\$ 12,780	-\$ 11,658	-\$ 9,414	-\$ 15,922	-\$ 15,249	-\$ 14,576	-\$ 13,229	-\$ 12,556	-\$ 11,882
	Y2	\$ 10,335	\$ 16,170	\$ 19,088	\$ 24,922	\$ 27,840	\$ 33,675	\$ 16,754	\$ 18,504	\$ 20,255	\$ 23,755	\$ 25,506	\$ 27,256
	Y3	\$ 36,476	\$ 45,578	\$ 50,129	\$ 59,232	\$ 63,783	\$ 72,886	\$ 46,488	\$ 49,219	\$ 51,950	\$ 57,411	\$ 60,142	\$ 62,873
Profit Margin	Y1	-23%	-18%	-16%	-12%	-11%	-8%	-18%	-16%	-15%	-13%	-12%	-11%
	Y2	5%	7%	8%	9%	10%	11%	7%	8%	8%	9%	9%	10%
	Y3	11%	13%	13%	14%	14%	15%	13%	13%	13%	14%	14%	14%
Final Valuation		\$ 184,105	\$ 234,426	\$ 259,586	\$ 309,907	\$ 335,068	\$ 385,388	\$ 239,458	\$ 254,554	\$ 269,651	\$ 299,843	\$ 314,939	\$ 330,035



## Financial and Technical

b \$ - Billions of \$  
B2B - Business to Business  
B2C - Business to Customer  
CAPEX - Capital Expenditure  
CAPM - Capital Asset Pricing Model  
COGS - Cost of goods sold  
DCF - Discounted cash flow  
Depr. - Depreciation  
EBIT - Earnings before interest and taxes  
EBITDA - Earnings before interest, taxes, depreciation, and amortization  
EBT - Earnings Before Tax  
ERP - Equity Risk Premium  
ETA - Estimated Time of Arrival  
EV - Enterprise Value  
FA (Tangible and Intangible) - Fixed assets (tangible and intangible)  
FX - Foreign Exchange  
FY - Fiscal year  
GP - gross profit  
k \$ - Thousands of \$  
LLM - Large Language Model  
LFY - Last fiscal year  
m \$ - Millions of \$  
MTD - Month-to-date  
MVP - Minimum Viable Product  
NFT - Non-Fungible Token  
NPV - Net present value  
OPEX - Operating Expense  
P&L - A profit and loss (P&L) statement  
PaT - Profit after Tax  
POC - Proof of Concept  
PPE - Property, plant, and equipment  
SG&A - Sales, General and Administrative  
TSY bond rate - Treasury bond rate  
WACC - Weighted average cost of capital  
YTD - Year-to-date

## Organisational Structure

CBDO - Chief Business Development Officer  
CEO - Chief Executive Officer  
CPO - Chief Product Officer  
CFO - Chief Financial Officer  
CTO - Chief Technology Officer  
C-level - Chief level  
Eng - Engineer  
Dev - Developer  
HR - Human Resources

## Other

Av - Average  
EoP - End of Period  
LE - Legal Entity  
PE - Private Equity  
TOM - Target Operating Model

# Disclaimer

The following information and valuation analysis are provided for informational purposes only and do not constitute financial or investment advice. This presentation is based on assumptions, projections, and historical data, which are subject to inherent uncertainties and risks.

Please note that the valuation results presented here are based on the Discounted Cash Flow (DCF) method and various assumptions, including projected cash flows, growth rates, discount rates, and survival rates. These assumptions are subject to change and may not accurately reflect future market conditions or the performance of the business.

The valuation does not guarantee future financial performance or the accuracy of the projections. Actual results may differ materially from those presented in this analysis due to numerous factors, including but not limited to changes in economic conditions, market dynamics, competition, regulatory factors, and unforeseen events.

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