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Financial management app with UPI based digital banking platform for teens Personalized numberless prepaid cards

Market Analysis



The global digital payment market was valued at approximately \$122.32 billion in 2024. This figure is expected to grow to \$712.14 billion by 2033, according to Astute Analytica, with a compound annual growth rate (CAGR) of 21.80% during the forecast period.

Indian Digital Payments Market

According to projections by the Indian Private Equity and Venture Capital Association (IVCA) and Ernst & Young, India's digital payments market is expected to grow at a compound annual growth rate (CAGR) of 27% from FY2020 to FY2025. This growth would see the total transaction value increase from ₹2,153 lakh crore in FY 2020 to approximately ₹7,092 lakh crore by FY2025.

Market Analysis



UPI Transaction Trends (Latest Data)

As per the National Payments Corporation of India (NPCI), UPI transaction volumes and values have seen significant growth:

• March 2025:

Volume: 18,301.51 million transactions

Value: ₹24,77,221.61 crore

April 2025:

Volume: 17,893.42 million transactions

Value: ₹23,94,925.87 crore

This represents a year-on-year growth in transaction value of approximately 25% in 2025

Problem Statement

- In today's digital age, **financial literacy among teenagers remains critically low**, leaving many young individuals unprepared to manage money responsibly as they transition into adulthood.
- At the same time, parents often struggle to find structured, practical ways to teach financial skills to their children or to monitor and guide their financial behaviors.
- Existing financial tools are either too complex for teens or lack the necessary parental oversight and educational value. There is also a disconnect between financial learning and real-world applications like e-commerce, e-learning, and rewards, which are key to engaging Gen Z users.

Opportunity

- There is a significant opportunity to bridge this gap with a **unified platform** that empowers teenagers with **real-world financial education** through income and expense tracking, savings goals, and rewards-based learning.
- By enabling parental involvement, the app fosters <u>collaborative financial goal-setting</u>, encourages responsibility, and builds trust.
- Integration with <u>e-wallets. UPI. popular e-commerce sites</u> (Amazon, Flipkart), <u>digital learning platforms</u> (Coursera, Udemy), and merchant networks opens multiple revenue streams and enhances user experience. A personalized, numberless UPI card ensures secure spending while promoting digital literacy.
- By combining financial tools, gamified education, and parental oversight, the app can shape a financially responsible generation while building a sustainable fintech-education ecosystem.

Mindset & Motivation:

- Wants to feel trusted
- **FOMO-driven:** Often influenced by trends, peer purchases
- **Gamification works:** Responds well to progress bars, badges, streaks, and friendly competition.

Needs from the Platform:

- **Visual savings goals:** Wants to set and track goals like "iPad \$329" with milestones.
- **Instant gratification:** Likes to see immediate updates when she saves or earns.
- **Spending insights:** Wants to know "where her money goes" in a simple, colorful way.
- Autonomy with guidance: Needs flexible controls—not rigid limits—so she feels in charge.
- **Fun interactions:** Would enjoy rewards, virtual piggy banks, streaks, or social components.



Empathy Map

SAYS

"Why do I need to learn this now?"

"This sounds boring."

"I want to buy my own stuff, but I don't have enough money."

THINKS

"I don't understand money stuff."

"Will this be useful or just another lecture?"

"I want to earn and spend my own money."

FEELS

- Confused or overwhelmed
- Embarrassed to talk about money
- Excited by the idea of independence

Does

- Joins because parents insist
- Listens passively at first
- Might become curious if it's interactive or relatable



Goals & Motivations:

- Teach financial responsibility
- Encourage saving over spending
- Foster independence, safely:
- Reduce cash use
- Track and guide, not control: Values having visibility into her kids' financial habits without micromanaging.

Needs from the Platform:

- **Parental controls:** Ability to set spending limits, approve categories, and lock cards if needed.
- **Savings encouragement:** Tools like auto-savings, matching contributions, or goal-based savings challenges.
- Real-time notifications: Instant updates on spending, savings milestones, or budget alerts.
- **Shared visibility:** Ability for both parent and child to see balances, goals, and activity.
- Collaborative tools: Joint goal setting (e.g., saving for a bike, laptop), chore-based earnings, or family discussions about money.

Empathy Map

SAYS

"I want my child to be financially independent."

"We never learned this when we were young."

"I hope this helps them avoid our mistakes."

THINKS

"Will this really make a difference?"

"Is my child mature enough to understand this?"

"I wish I had this kind of help when I was younger."

FEELS

- Proud but worried
- Hopeful yet anxious
- Sometimes frustrated by generational differences

Does

- Registers for the session on behalf of the teen
- Talks about financial struggles or goals at home
- Encourages the child to attend even if they resist

Business Model Canvas

Key Partners



Parents / Guardians.
Schools and
educational
institutions.
Banks and financial
institutions.
Payment gateway
providers.
App store platforms.
3rd party vendors

Key Activities



App development and maintenance. Customer experience and support. Content creation, marketing, regulatory compliance.

Key Resources



Value Proposition



Safe, secure banking for teens. Financial literacy through games. Parental controls. Goal-based savings & real-time insights Age-appropriate design & user experience

Customer Relationships



In-app support & chatbot Parental onboarding & guidance Push notifications & reminders integrated with calendars.

Channels



Mobile app (iOS & Android).
Website & blog.
School partnerships
Social media

Customer Segments



Teenagers aged 11–18.
Parents/guardians of teens.
Schools and educational institution promoting financial literacy.

Cost Structure





Revenue Streams

Premium features. Subscription plans for families.

Affiliate revenue from partner brands. Transaction fees (if applicable) Sponsored educational content

Value Proposition Canvas

Gain Creators

Digital badges or rewards for saving milestones.

Peer-to-peer (Sharing) payment options. Incentives & Rewards. Integration with school programs or youth clubs

Pains

Lack of financial literacy.

Parental control or restrictions.

Limited access to digital banking tools

Products and Services

Coinage

Savings
accounts with
parental
control.
Debit cards with
spending limits.
Mobile app with
educational
content and
gamified
savings

Gain Creators Products & Services Pain Relievers

Jobs

Functional: Make online and in-store purchases.

Emotional: Learn how to manage and control money independently.

Social: Transition smoothly into adult financial products

Pain Relievers

Instant alerts for any fees incurred and real-time transaction alerts to parents No overdraft fees or hidden charges. Simple onboarding with age-appropriate language.

Security and privacy.

Transition Support.



Gains

Easy-to-use mobile banking apps.

Pains

Gains

Rewards or gamified savings features.

Jobs

Clear guidance on financial growth like saving, budgeting.

Dashboard or analytical report of savings / spendings.

Feeling of independence and responsibility

Salient Features

Milestone 1

<u>Key Features</u>

- Personalized numberless cards for swiping in offline outlets
- Financial Management Tools and Insights
- F-wallet
- High security
 - can be blocked from phone when lost

.

Milestone 2

Quick Registration

Phone number + OTP Digital KYC -> Aadhar UPI Generation

- Expenses Dashboard
- Automatic Payment
 Reminders Tutions
- Rewards & Referrals
- Split Payment among friends
 Behaviour & Consistency
- Rewards by parents

Milestone 3

<u>App Integrations</u>

- Shopping Amazon, Flipkart, Decathlon, Nykaa, Myntra, etc
- Digital Learning -Courera, Udemy, Skillshare etc
- Transport Ticket Booking Redbus, Train ticket etc
- Food Delivery Swiggy, Dunzo, Zomato, Licious , pharmeasy etc
- E-books
- Gaming

Competition

Competitor s		Market	Target Age Group	Basic Feature
	Greenlight Inc Gohenry	Global	Teens	Personalised Debit Card
fampay	FamApp	Indian startup	Teens	Numberless Prepaid Card
A C. MARINE	Paytm	Market leader in India	Teens and adults	E-wallet

Unique Selling Point (USP)

1. Joint Goal-Based Saving

- Collaborative savings goals (e.g., "Save ₹10,000 for a laptop" with parent matching contributions).
- Ability for multiple relatives (like grandparents) to contribute.

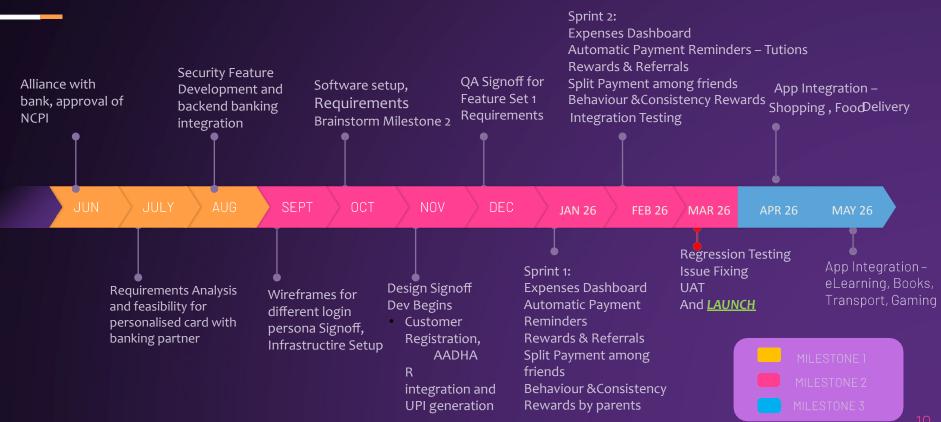
2. Interactive Financial Literacy Modules

- Gamified mini-courses or quests on topics like budgeting, credit, taxes, etc.
- Earn badges or FamCoins upon completion.

3. Chore & Micro-Job Marketplace

- Teens can earn money by completing tasks or chores from family or trusted community.
- Integration with scheduling and reminders.

<u>TIMELINE - Estimated 10 months - 14 months</u>



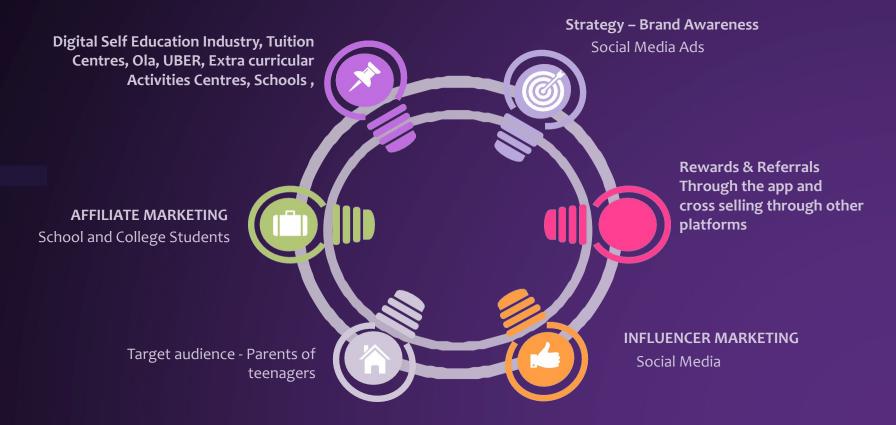
GANTT CHART –3 week Agile sprints

			2025		47	2026									
		JUN	JUL	AUG	SEPT	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY
	Alliance with bank, approval of NCPI														
	Requirements and feasibility for personalised card with banking partner														
	Security Feature Development and backend banking integration														
i	UseCases & Wireframes for different login persona Signoff														
	Software setup, Requirements Brainstorm Milestone 2														
	Customer Registration, AADHAR integration and UPI generation														
	QA Signoff Feature Set 2 Brainstorm and Test Cases														
	Development and Testing Feature set 2 (Integration,Regression and UAT)														
	LAUNCH 1 – Milestone 1 & 2														
	Apps Integration														

TEAM PLANNER

	Architect	Designer	UX Dev	Developer	ΑQ	Operations	Infrastructure
June 2021	L4-1	L3-1	L3 -1,L2 -2,L1 -2	L3-2, L2-2, L1-2		L3 -1, L2 -2	L3-2
July 2021	L4-1	L3-1	L3 -1,L2 -2,L1 -2	L3-2, L2-2, L1-2		L3 -1, L2 -2	L3-2
August 2021	L4-1	L3-2	L3 -1,L2 -2,L1-2	L3-2, L2-3, L1-3	L3-2, L2 -1	L3 -1, L2 -1	L3-2
Sept 2021	L4-1	L3-2	L3 -1,L2 -2,L1-2	L3-2, L2-3, L1-3	L3-2, L2-2, L1-2	L3-1, L2-1	L3-2
Oct 2021	L4-1	L3-1	L3-1,L2-2,L1-2	L3-2, L2-3, L1-3	L3-2, L2-2, L1-2	L3 -1, L2 -1	
Nov 2021	L4-1		L3 -1,L2 -2,L1 -2	L3-2, L2-3, L1-3	L3-2, L2-2, L1-2	L3-1, L2-1	
Dec 2021	L4-1		L3 -1,L2 -2,L1 -2	L3-2, L2-3, L1-3	L3-2, L2-2, L1-2	L3-1, L2-1	
Jan - Mar 2022			L3 -1,L2 -1,L1 -2	L3-2, L2-1, L1-2	L3-2, L2-2, L1-2	L3 -1, L2 -1	

Marketing Strategy



Customer Retention Strategy

Rewards in exchange for simple fun games & puzzles

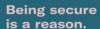
Reminder for repeat payments and Subscriptions: Parental Allowance, Tuition fee /Extracurriculars

Remit rewards in E-wallet for repeat usage

Send messages to parents to monitor expenses and monthly expenses

One Page PITCH







All in one app is a reason.



No hidden fees is a reason.



Knowing is a reason

Digital transactions w/o bank accoun

Relevant workflows for parents, students with limits

Behaviour & Consistency Rewards by parents

Encourages e-learning, easy to block if lost

Thanks for your time!