

Finance Tutor

LIFE SKILL APPLICATION FOR CHILDREN



TEAM 14
MILESTONE-01
SOFTWARE ENGINEERING
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SUBMITTED BY

Hitesh, 22f2001256
Tanuja Nair, 21f1000660
Archit Garg, 21f1005657
Hitesh Binjrawat, 22f2001255
Tanisha Maheshwari, 21f3002872
Rajeev Kumar Bhagat, 21f3001527

- Our Users

PRIMARY: Children aged 8–14 who will directly use the app to learn about finance through games, challenges, and interactive content.

SECONDARY: Parents, Guardians, and Teachers who help children understand concepts offline and get receive updates on the child's learning journey.

TERTIARY: Educational institutions, curriculum designers, and NGOs who may recommend, review, or integrate the app into broader learning initiatives.

- User Requirements

1. Interactive Learning & Levels

The app should offer level-based, engaging financial literacy modules tailored for kids aged 8–14, with videos, storytelling, and real-life challenge-based quizzes.

2. Gamification & Motivation

The app must include elements like points, streaks, badges, and a leaderboard to encourage consistent usage and make learning fun.

3. Lightweight & Child-Friendly Design

The app should use minimal device storage, load quickly, and feature a colourful, intuitive interface suited for young users.

4. Parental Engagement & Controls

Parents should be able to view their child's progress, set screen time limits, and receive regular learning updates and notifications.

5. Support & Personalisation

A chatbot should be available to help kids with doubts, and quizzes should adapt based on performance, exiting if multiple incorrect answers occur to simulate real-world consequences.

- Understanding Users

Interview: Each team member interviewed two children aged 8 to 14 to explore their needs and interests in a life skills learning app. These conversations revealed pain points around engagement and motivation. The insights we gained also inspired creative features to make the app more interactive and fun.

Interview recordings: [\[Link\]](#)

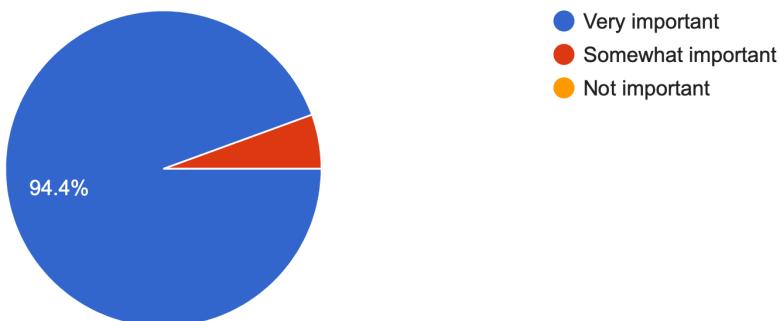
Survey Form: We circulated a Google Form with 13 questions focused on users' needs from the app and how they want it to help them and their children. This helped us understand their point of view and refine the basic idea.

Here are the responses to the form: [\[Link\]](#)

- Major Observation

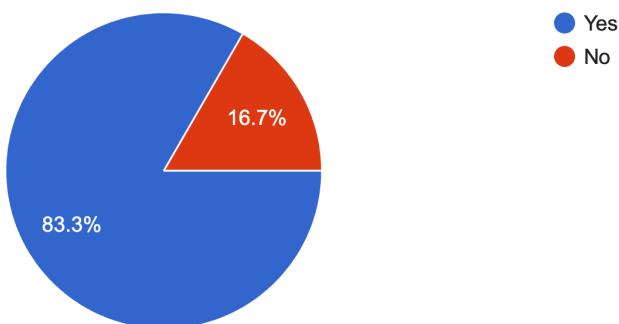
How important do you think it is for your child to learn financial skills?

18 responses



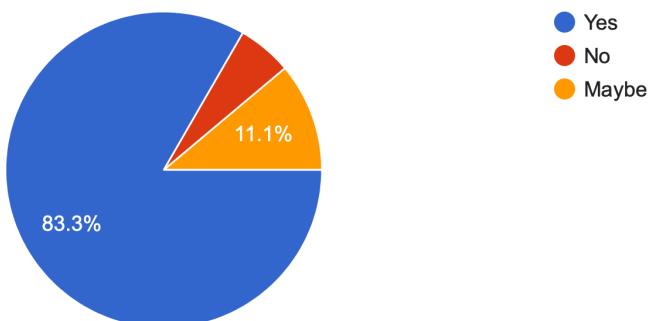
Would you prefer the app to have parental controls or monitoring features

18 responses



Would you like the app to use gamified activities to make learning life skills more engaging for your child?

18 responses



- User Stories



As a 12-year-old boy interested in money, I want to learn about the stock market in a fun and interactive way, So that I can become more independent and knowledgeable about finance.

As a 8-year-old user, I want the application to include a variety of short, engaging games, So that I remain motivated and entertained throughout the learning experience.



As a 10-year-old user, I want the games within the application to consume minimal device storage, So that I can install and use the app without needing to remove other essential content from my mobile device.

As a mother of a 14-year-old, I want my child to learn the basics of finance through practical, real-life challenges, So that they develop essential life skills needed to function confidently and independently in the future.



As a father of an 11-year-old, I want my child to learn financial literacy through interactive games that include rewards and incentives, So that learning about finance is engaging and enjoyable for my child.

As a teacher, I want to view each student's weekly life-skill goals and progress updates, So that I can give timely encouragement and advice based on their needs.



- Our Role

NAME	PRIMARY ROLE	SECONDARY ROLE
Tanuja Nair	Project Manager	Frontend Developer
Archit Garg	Frontend Lead	-
Hitesh Binjrawat	Backend Lead	-
Hitesh Chaudhary	Frontend Developer	Scrum Master
Tanisha Maheshwari	Scrum Master	Tester
Rajeev Kumar Bhagat	Tester	Frontend Developer

- Tools / Tech Stack

CATEGORY	TOOL
Planning & Docs	<u>Notion, Jira</u>
Design	Figma
Frontend	VueJS, bootstrap
Backend	Flask, redis, celery
Database	SQLite
Chatbot	Open AI API
Testing	Postman, PyTest