



IIT Madras

SOFTWARE ENGINEERING PROJECT

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MILESTONE-1

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1. IDENTIFYING USERS

1.1 User Requirements

The goal is to define user requirements for a Life Skills App for children aged 8–14. This involves understanding the needs of primary, secondary, and tertiary users, and developing user stories that inform the app's features. By engaging with students, parents, and educators, the project aims to create an engaging, age-appropriate solution that builds essential life skills, such as time management, emotional intelligence, and healthy habits, while fostering independence and real-world application.

1.2 User Categorization

► PRIMARY USERS

School-Aged Children (8-14 years):

- Core users who engage with skill-building activities
- Participate in progress tracking features
- Receive reminders and notifications to encourage consistent participation

SECONDARY USERS

Parents/Guardians

- Monitor child progress and performance
- Manage screen time and usage
- Receive reports on student achievements
- Support student learning and development

Teachers

- Monitor and assess student progress and performance in assigned tasks and activities.
- Receive analytics and reports on student achievements and participation.
- Support student learning and development through feedback, encouragement, and personalized recommendations.

TERTIARY USERS

Administrators

- Oversee user management and access
- Manage content, settings, and compliance
- Ensure smooth operation and regulatory adherence

2. USER STORIES

2.1 TIME MANAGEMENT

STUDENTS:

- 01 As a student, I want to set reminders for my homework and chores, so that I can manage my time better.
- 02 As a student, I want to track my daily and weekly goals, so that I can see my progress and stay motivated.
- 03 As a student, I want to use a timer for study sessions, so that I can focus and take regular breaks.

PARENTS:

- 01 As a parent, I want to view my child's task completion and time management progress, so that I can encourage good habits at home.
- 02 As a parent, I want to receive notifications if my child misses important deadlines, so that I can offer timely support.

TEACHERS:

- 01 As a teacher, I want to assign tasks or projects to my students through the app, so that I can help them learn to plan ahead.
- 02 As a teacher, I want to monitor student's time management skills, so that I can provide guidance and feedback.

2.2 COMMUNICATION SKILLS

STUDENTS:

- 01** As a student, I want to practice conversation scenarios with a virtual coach, so that I can improve my speaking and listening skills.
- 02** As a student, I want to get feedback on my communication exercises, so that I can learn from my mistakes.
- 03** As a student, I want to participate in group chat activities, so that I can build confidence in social settings.

PARENTS:

- 01** As a parent, I want to see my child's progress in communication modules, so that I can support their development at home.
- 02** As a parent, I want to receive suggestions for conversation starters, so that I can help my child practice communication skills.

TEACHERS:

- 01** As a teacher, I want to assign group communication exercises, so students can practice teamwork and empathy.
- 02** As a teacher, I want to review student's performance in communication activities, so I can provide targeted feedback.

INTERVIEWS

Student 1: [Interview Link](#)

Student 2: [Interview Link](#)

Parent/Guardian: [Interview Link](#)

Teacher: [Interview Link](#)