



**SCALER**  
School of Technology



# Problem Statement and Team Details

**Problem Statement:** The Attention Crisis in the Post-Pandemic Learning Era

- Students today struggle with focus, self-discipline, and real-time academic support.
- Isolation, screen fatigue, and lack of collaborative environments are hurting learning outcomes.

**Team Name:** Undefined Pair

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**Theme Name:** Education

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*"We're building more than an app — we're building a learning revolution driven by empathy, structure, and accountability."*



# Problem and Solution

## Problem

- Students often **feel isolated** while studying, especially in remote or self-paced learning setups.
- Lack of motivation and accountability leads to **procrastination** and **burnout**.
- Most productivity apps are solo-focused and lack real-time **peer interaction**.
- Students have **no visual representation** of progress, making studying feel unrewarding.

## Solution

A Real-Time **Study Partner Matching App** that:

- Connects students studying the same topic in real time.
- Provides **live sessions** with chat, timer, and focus tools.
- Introduces a unique “**Focus Tree**” gamification system: your virtual tree grows as you focus and study.
- Builds a **community-driven** study forest that boosts social motivation and consistency.

# Methodology & Implementation

- Methodology:**
1. **Smart Matching Algorithm:** Matches users by subject, time, and preferences.
  2. **Real-Time Sessions:** Focus timers, video/audio, chat, and Pomodoro mode.
  3. **Gamified Growth System:** Every session grows a tree in your personal forest.
  4. **Community Forest:** View and interact with others' trees, fostering motivation.
  5. **Progress Dashboard:** Track study time, subjects, and growth streaks.

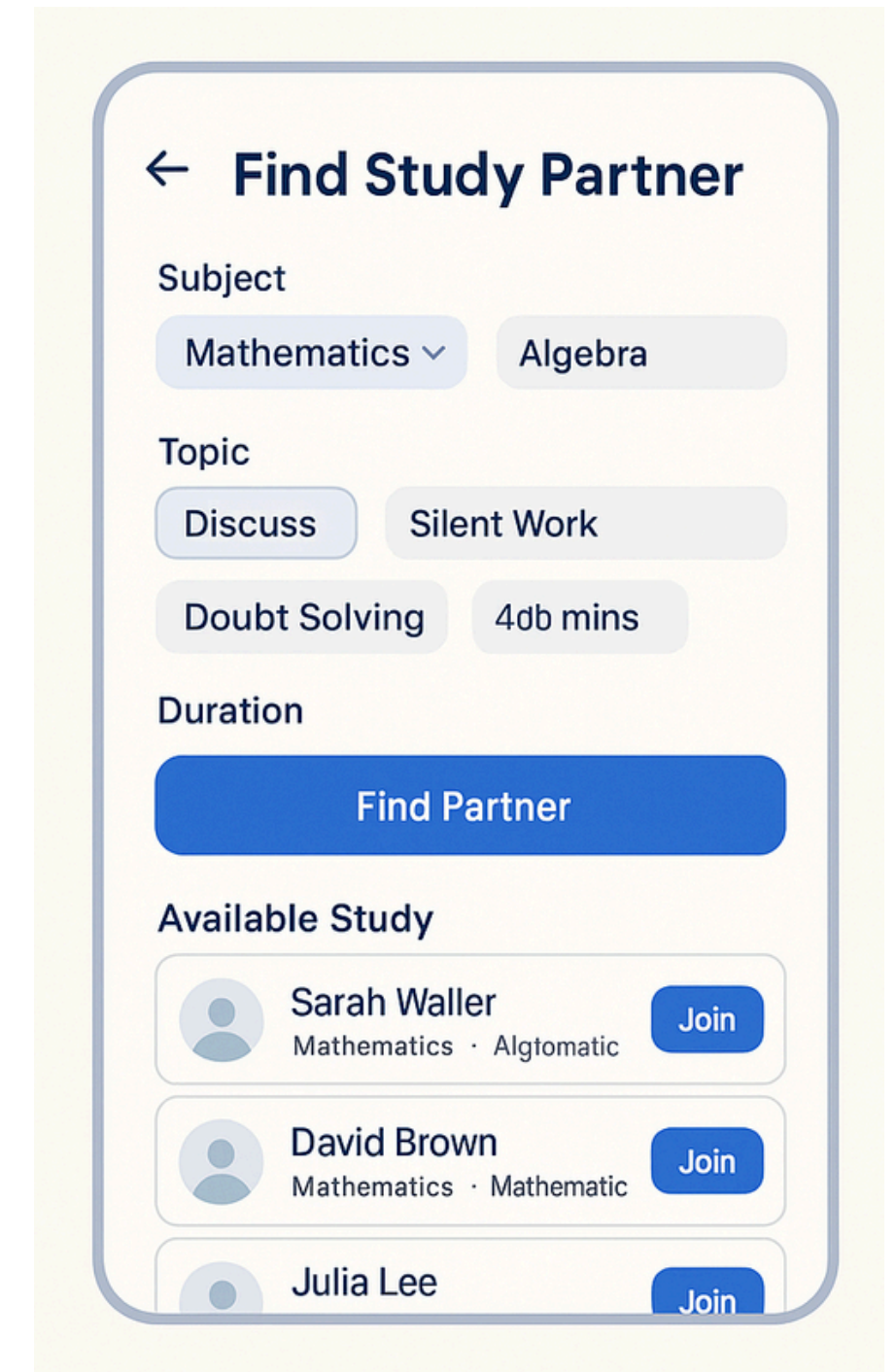
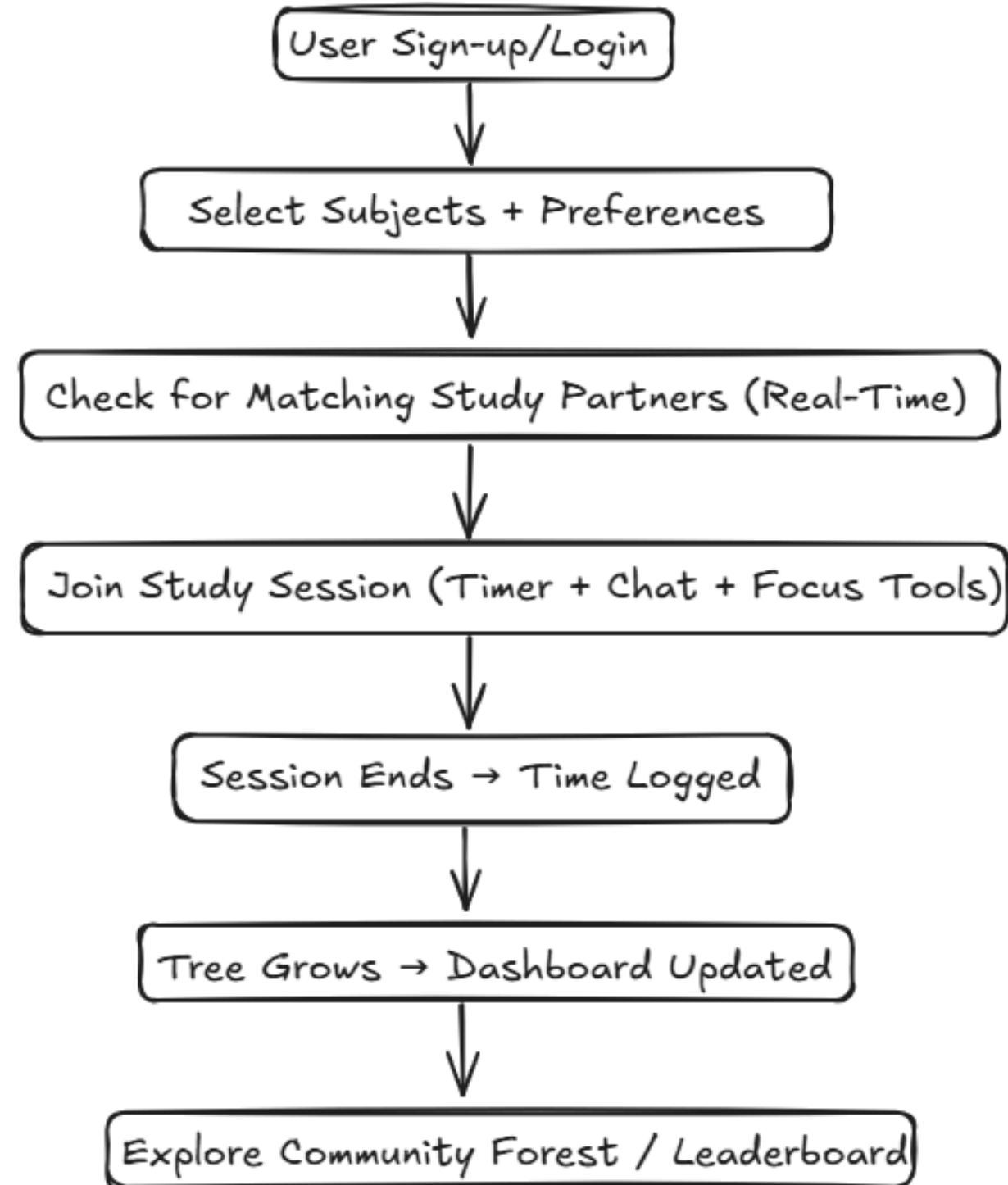
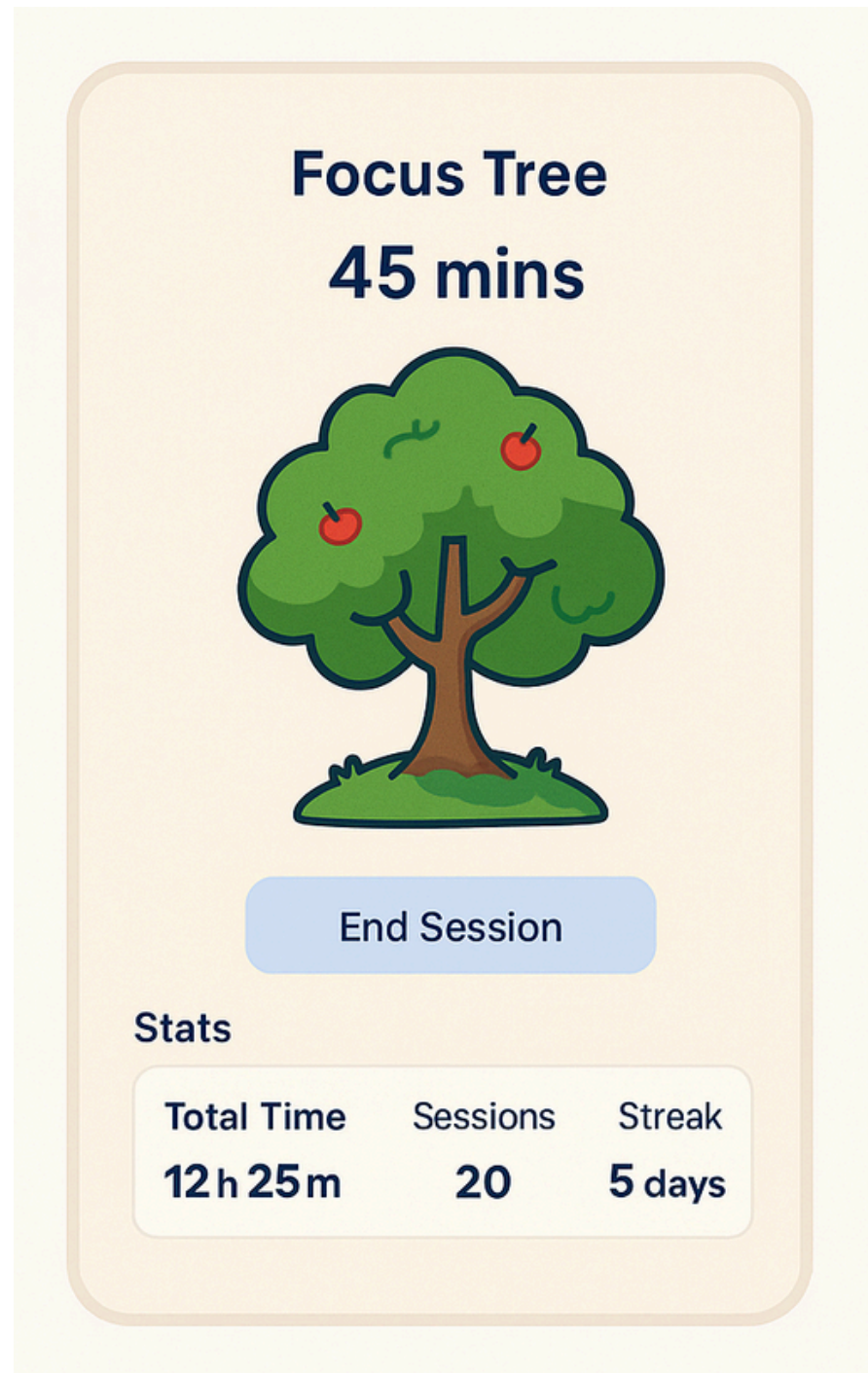
## Implementation:

Tech Stack	Its Use (Purpose)	What We Could Use
Frontend	What the user sees and interacts with	Flutter or React Native
Backend	Manages user data, sessions, and doubts	Firebase or Node.js
Real-Time Sync	Enables live study rooms and Pomodoro timing	WebRTC or Jitsi API
AI Doubt Solver	Answers doubts when peers don't respond	OpenAI API / ChatGPT
Database	Stores questions, answers, and user profiles	Firebase Firestore
Authentication	User login and secure access	Firebase Auth / Google Sign-In





# Flowchart & Supporting Images





# Feasibility and Market Use



## Feasibility:

1. Proven Pomodoro technique used by top performers worldwide.
2. AI-powered doubt solving reduces response delay and builds trust.
3. Peer-based rewards promote a healthy help-driven culture.
4. Low infrastructure costs; scalable through cloud.

## Market Potential:

1. 50M+ Indian college students + coaching institute learners.
2. UPSC, GATE, NEET, JEE aspirants seek productivity tools.
3. **Global reach:** 200M+ potential learners in edtech + productivity niches.

## Monetization Model:

1. **Freemium app:** Focus rooms & basic features free.
2. **Premium tiers:** Advanced analytics, mentor-led rooms, AI tutor pro mode.
3. **Institution Partnerships:** Integration with LMS, campus adoption.
4. Built for India's next generation of learners, and ready to scale globally.



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*“We believe that focus, peer learning, and support should not be privileges  
— they should be default tools available to every student.”*

# Thank You