StudyBuddy – Agile Sprint Plan & Team Timeline

This document outlines the agile sprint breakdown, individual responsibilities, and milestone deliverables for the StudyBuddy platform development from May 19 to June 5, 2025. The team follows an Agile Scrum-like methodology with short iterative sprints, daily stand-ups, and milestone-based reviews.

# Sprint Schedule Overview

| Sprint | Dates | Focus Area | Outcome |
| --- | --- | --- | --- |
| Sprint 1 | May 19 – May 22 | Setup, Layout, Auth, Firebase | Layout and auth context ready |
| Sprint 2 | May 23 – May 27 | Feature Development | Ask, Requests, Profile Pages built |
| Sprint 3 | May 28 – May 31 | AI Integration, Component Polish | AI helpers functional, reusable components done |
| Sprint 4 | June 1 – June 5 | QA, Docs, Final Delivery | Tested, documented, and submitted project |

# Team Member Sprint Responsibilities

## Ahmad Tawil (System Engineer)

* Sprint 1: Setup full structure, layout.js, Navbar/Footer
* Sprint 2: Review and support integration
* Sprint 3: Debugging, assist AI UI logic
* Sprint 4: Final documentation, Git cleanup

## Adam + Ahmad – Ask Page

* Sprint 1: Set up ask/page.js with placeholder
* Sprint 2: Build AskForm.js with upload
* Sprint 3: Connect rephraseQuestion() from AI
* Sprint 4: Polish form + error UX

## Ibrahim + Ahamd – Requests Feed

* Sprint 1: Setup requests/page.js layout
* Sprint 2: Create RequestFeed.js using Card.js
* Sprint 3: Add filters + loading state
* Sprint 4: Review for mobile & accessibility

## Omar + Marwa – Profile Page

* Sprint 1: Setup profile/page.js structure
* Sprint 2: Develop ProfileView.js with mock data
* Sprint 3: Add stats, badges display
* Sprint 4: Polish styling

## Cyrine – Firebase & Auth

* Sprint 1: Build firebase.js and authContext.js
* Sprint 2: Create Firestore helpers
* Sprint 3: Test rules + login logic
* Sprint 4: Security finalization

## Adam – AI Integration

* Sprint 1: Setup aiService.js + mock calls
* Sprint 2: Build rephraseQuestion()
* Sprint 3: Add summarizeAnswer(), toxicity filter
* Sprint 4: Test + document API usage

# Final Deliverables (Due by June 5, 2025)

- Complete frontend (`client/`) with working routes

- Functional Firebase Auth & Firestore

- AskForm with AI integration

- Responsive RequestFeed and Profile pages

- `.env.local.example`, `.gitignore`, `README.md`

- Project documentation in `docs/`

- GitHub repo cleaned and submitted

# Daily Agile Stand-up Format

Each team member should answer these questions daily (in-person or via WhatsApp/Slack):

1. 1. What did I complete yesterday?
2. 2. What will I work on today?
3. 3. Do I have any blockers?