

Product Backlog

Here is a prioritized product backlog for your entire project. It's organized by **Epics** (large bodies of work) and contains user stories that can be pulled into future sprints.

Epic 1: User Account & Profile Management (High Priority)

- **US-01:** As a new student, I want to sign up for an account.
- **US-02:** As a registered student, I want to log in and log out.
- **US-03:** As a logged-in student, I want to add or edit my basic profile information...
- **US-04:** As a logged-in student, I want to add and remove my courses.

Epic 2: Availability & Scheduling (High Priority)

- **US-05:** As a student, I want to set and update my weekly availability on a calendar grid so that others know when I am free to study.
- **US-06:** As a student, I want to view the availability of a classmate I've searched for.
- **US-07:** As a student, I want to send a study session request to another student for a specific time slot and course.
- **US-08:** As a student who has received a request, I want to be able to accept or decline it.
- **US-09:** As a student, I want to see all my confirmed and pending study sessions on a personal dashboard or calendar view.
- **US-10:** As a student, I want to be able to cancel a scheduled session.

Epic 3: Matching & Search Functionality (Medium Priority)

- **US-11:** As a student, I want to search for other students enrolled in the same course.
- **US-12:** As a student, I want to see a list of "Suggested Matches" based on mutual courses and overlapping availability.
- **US-13:** As a student, I want to filter search results by availability and major.

Epic 4: UI/UX & Quality of Life (Low Priority)

- **US-14:** As a user, I want a clean and intuitive dashboard that summarizes my upcoming sessions and pending requests
- **US-15:** As a user, I just want to be able to go back to the home dashboard with a back button.