

SENIOR DESIGN TEAM CONTRACT



Team Name: NARLA

Project Title: NARLA: The AI-Driven Apartment Co-Pilot (Working Title)

Course: Senior Design - Fall 2025

Team Members:

- Name: Neha Ross Lenin
- Email: leninnr@mail.uc.edu
- Major: Computer Science

- Name: Aditya Anand
- Email: ananday@mail.uc.edu
- Major: Computer Science

- Faculty Advisor: Seokki Lee
- Email: lee5sk@ucmail.uc.edu

Project Focus (Initial Draft):

Our project, NARLA: AI-Driven Apartment Co-Pilot, is a mobile app designed to simplify shared apartment living. It helps roommates manage groceries, chores, bills, and waste patterns in an intelligent, organized way. Instead of sticky notes or group chats, NARLA uses an AI-driven system to automate reminders, predict grocery shortages, fairly assign chores, and track bill payments.

Optional hardware integration (Raspberry Pi + weight sensors) could further enhance the system by automatically tracking pantry/fridge items.

Meeting Schedule:

- **Team Meetings:** Twice per week (likely evenings after class, final schedule to be set after week 2)
- **Advisor Meetings:** Every two weeks, Monday 11:30AM - 12:00PM, Teams Meeting
- **Additional Work Sessions:** As needed, typically Sundays or evenings before milestones
- **Communication Tools:** In-person for daily coordination, email for formal updates

Roles & Responsibilities:

- **Neha Ross Lenin**
 - **Primary Focus:** Communication and reporting, backend development with emphasis on SQL database design and data handling, and UI/UX design to ensure usability
 - **Shared Contributions:** Collaborates on frontend implementation, assists with backend logic in Python, and participates in integration and testing
- **Aditya Anand**
 - **Primary Focus:** Frontend and backend integration, application logic and core Python development, testing/debugging, and potential hardware integration
 - **Shared Contributions:** Supports database work in SQL, contributes to UI/UX features, and co-develops both backend and frontend modules

Expectations:

- **Collaboration:** Team members will divide tasks fairly, regularly share progress, and review each other's work.
- **Accountability:** Members will communicate conflicts early and adjust responsibilities if needed.
- **Deadlines:** Each deliverable will be scheduled at least one week in advance. Missed deadlines must be communicated to the team and advisor.

Approval:

We acknowledge that this is a draft team contract and may evolve as the project develops.

Team Member Signatures:

(Signature)

Neha Ross Lenin

(Signature)

Aditya Anand

Faculty Advisor Approval:

(Signature)

Seokki Lee *Seoki*

