

*Ingeniería de software 2*

*Workshop No. 2 - Design Artifacts and System Modeling*



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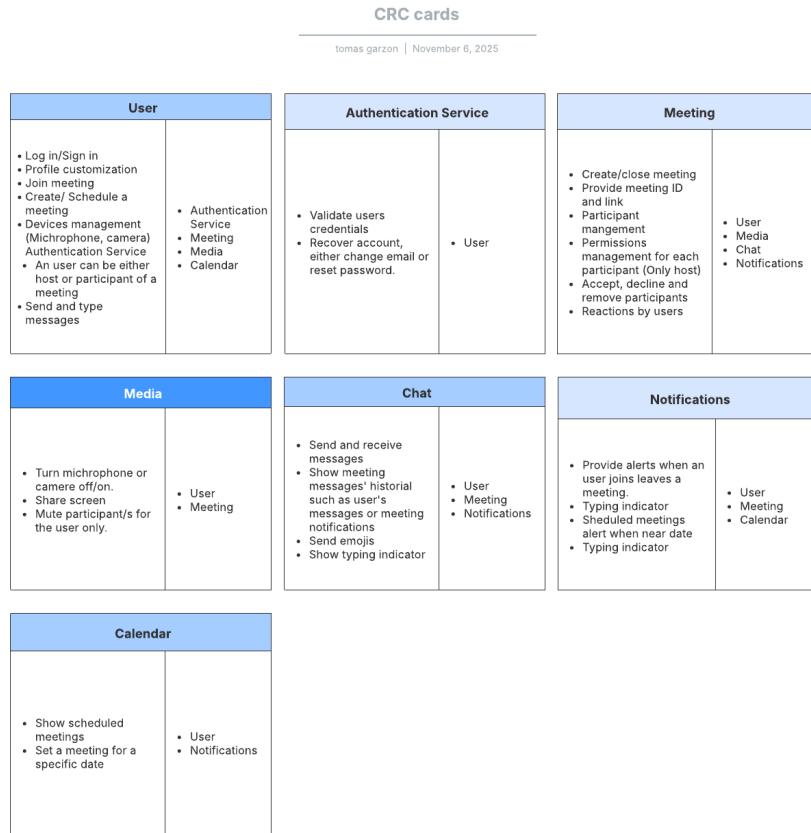
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- **CRC Cards:** Define the main classes, their responsibilities, and collaborators using CRC cards.

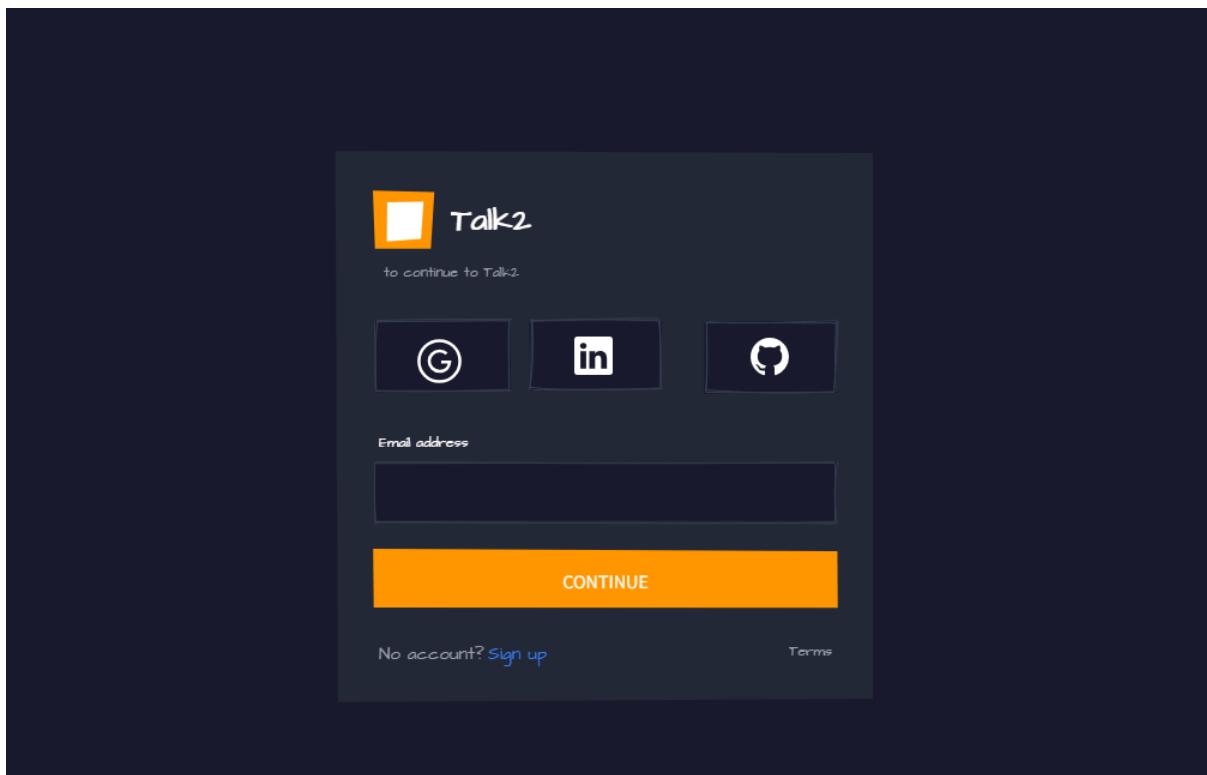


## [CRC cards: Lucidchart](#)

- **Mockups:** Create mockups or wireframes for the main screens of your application.

### 1. Login / Sign Up

Authentication screen with email and password fields, social login options, toggle between sign in and sign up modes.



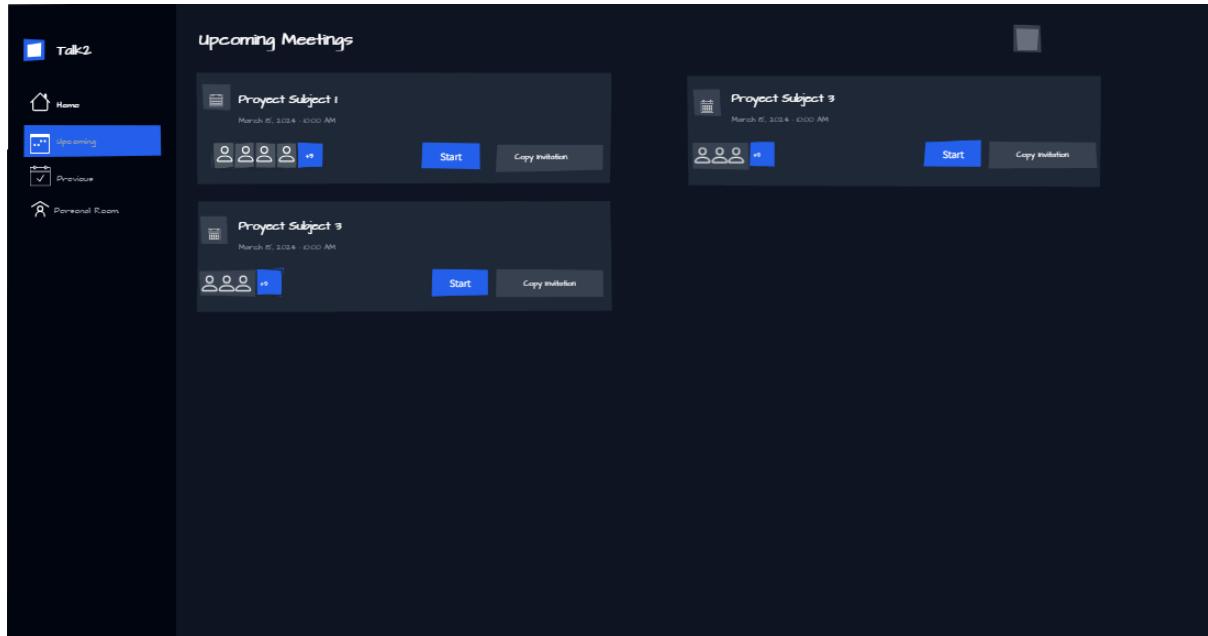
## 2. Home Screen

Main dashboard featuring quick action cards (Start New Meeting, Join Meeting, Schedule Meeting), welcome message, and navigation to other sections

The main dashboard of the Talk2 application. At the top left is the Talk2 logo. To its right is a navigation bar with "Home" (highlighted in blue), "Upcoming" (with a dropdown arrow), "Previous" (with a checked checkbox), and "Personal Room". On the far right is a user profile icon. The center features a clock showing "12:04 PM" and the date "Friday, 31 October 2025". Below the clock are three large, colored action cards: a teal card for "New Meeting" with a plus sign, a blue card for "Join Meeting" with a video camera icon, and a green card for "Schedule Meeting" with a calendar icon. At the bottom, there's a section titled "Today's Upcoming Meetings" showing a card for "Software Engineering II" on November 5, 2025, from 7:00 AM. It includes "Start" and "Copy Invitation" buttons.

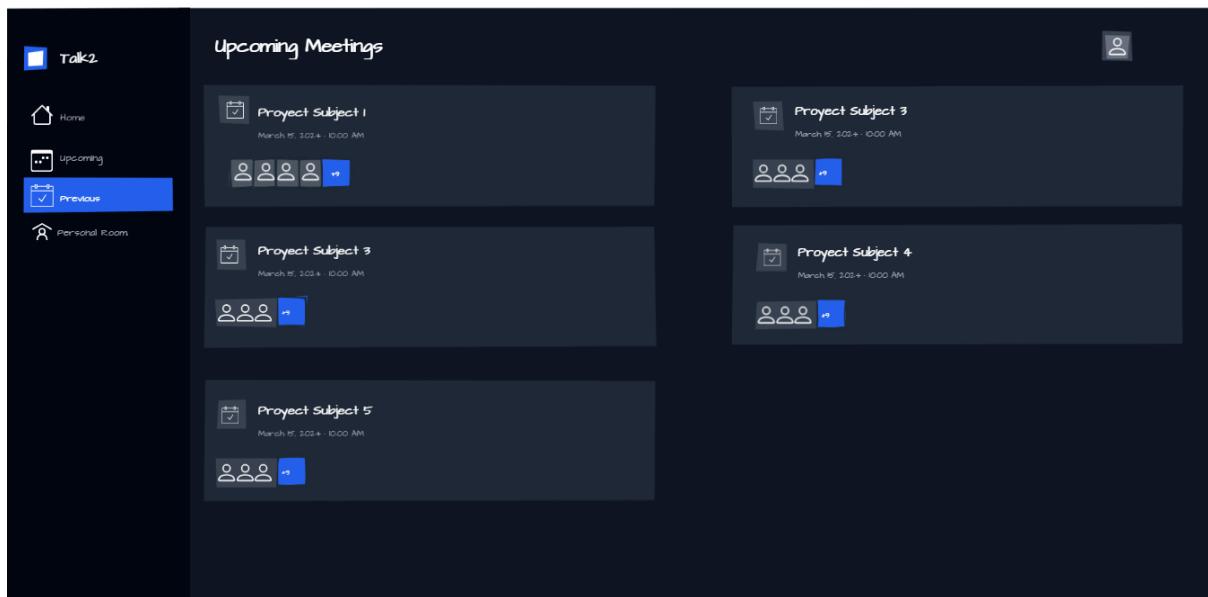
## 3. Upcoming Meetings

List of scheduled future meetings displaying meeting title, date/time, participant count, copy link button, and "Start Meeting" action for each entry



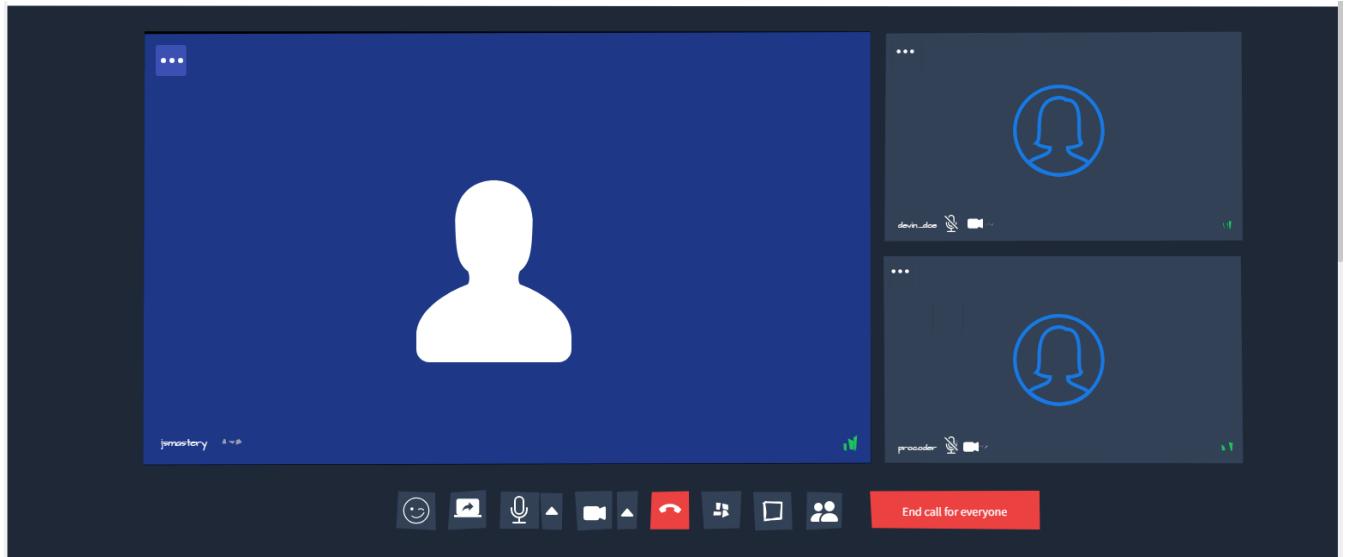
#### 4. Previous Meetings

Historical view of past meetings showing meeting title, date held, duration, participant list, and options to view recording or delete meeting



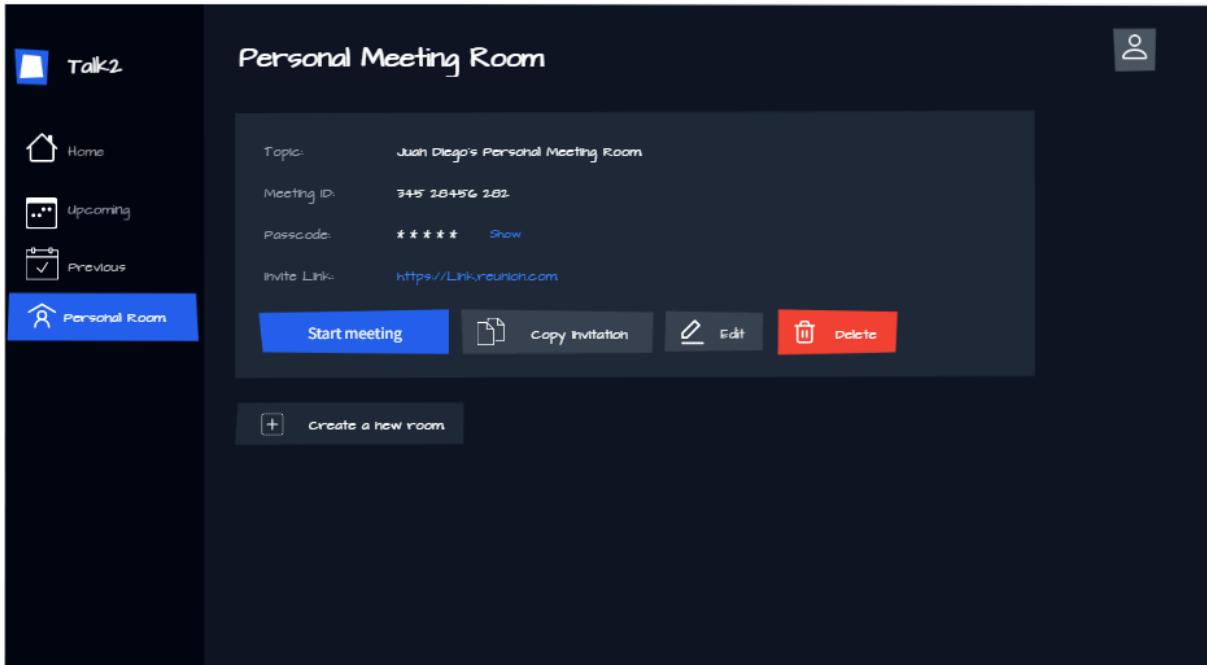
#### 5. Meeting Room

Active video call interface with participant video grid layout, bottom control bar (microphone, camera, screen share, participants list, chat, leave call), meeting timer, and settings menu



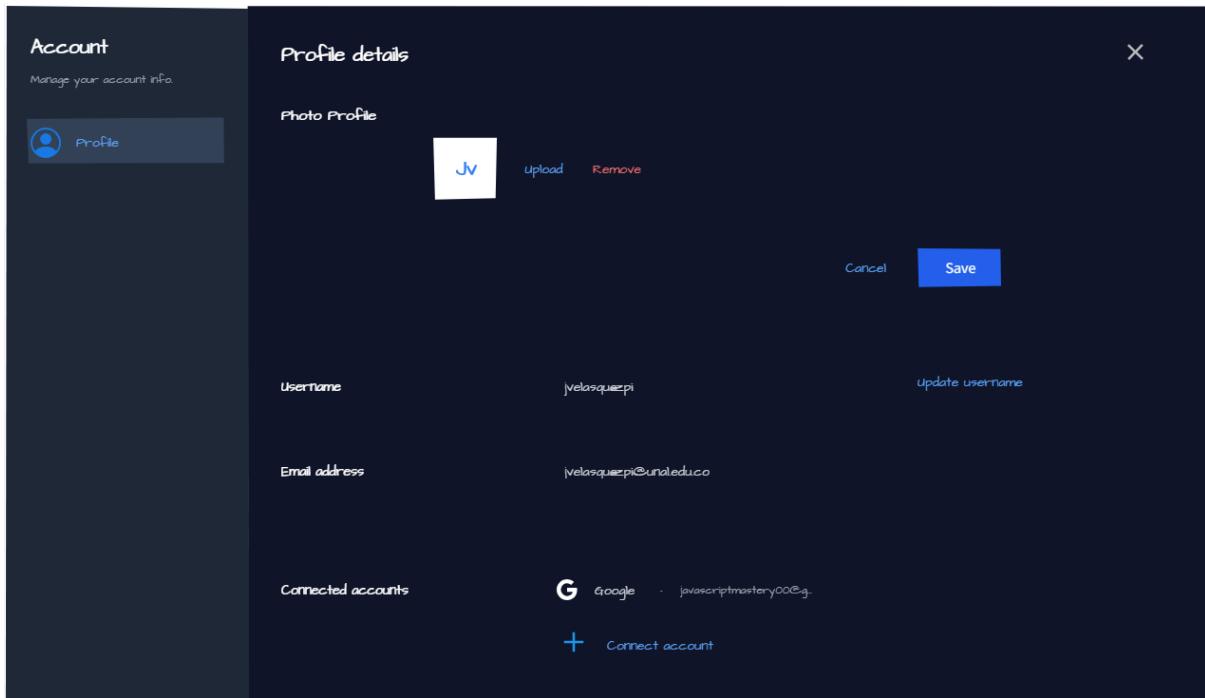
## 6. Personal Meeting Room

Dedicated permanent meeting space with unique meeting link, QR code for quick access, room settings, and instant "Start Meeting" button



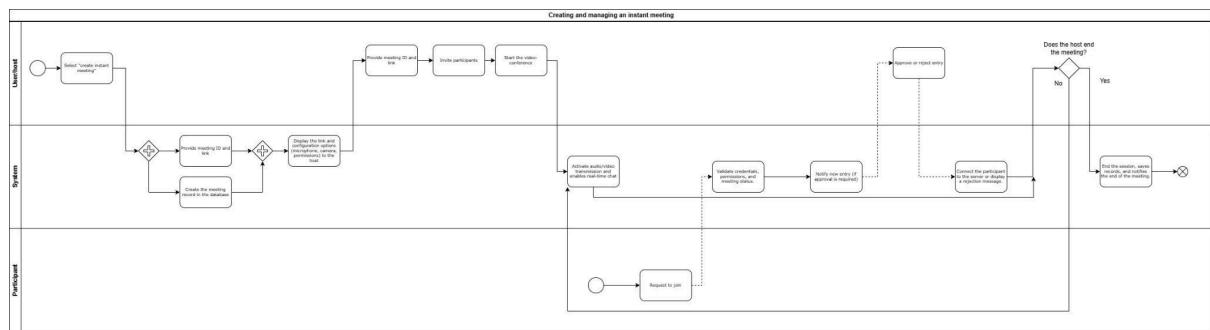
## 7. Manage Account

User profile management page with personal information fields, profile picture upload, email preferences, notification settings, and account security options

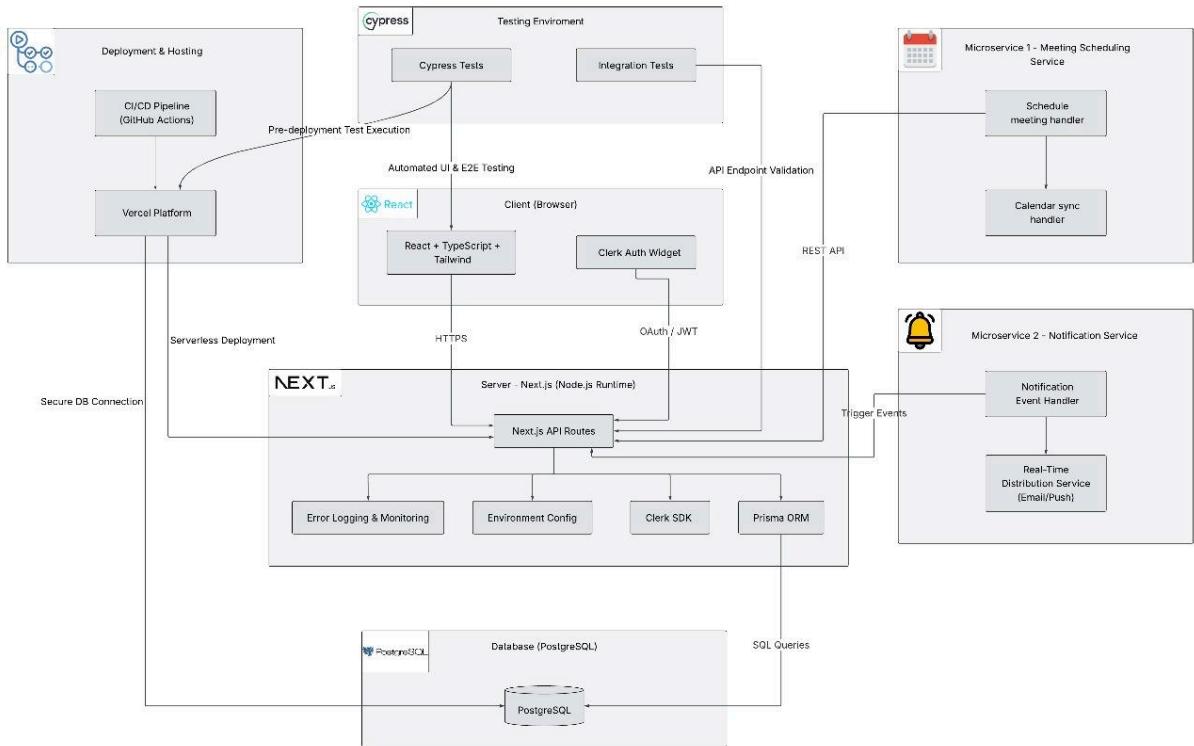


All mockups were designed using MockFlow, a collaborative wireframing platform for creating interface prototypes and design specifications.

- **Business Model Processes:** Document essential business processes using activity diagrams or BPMN.

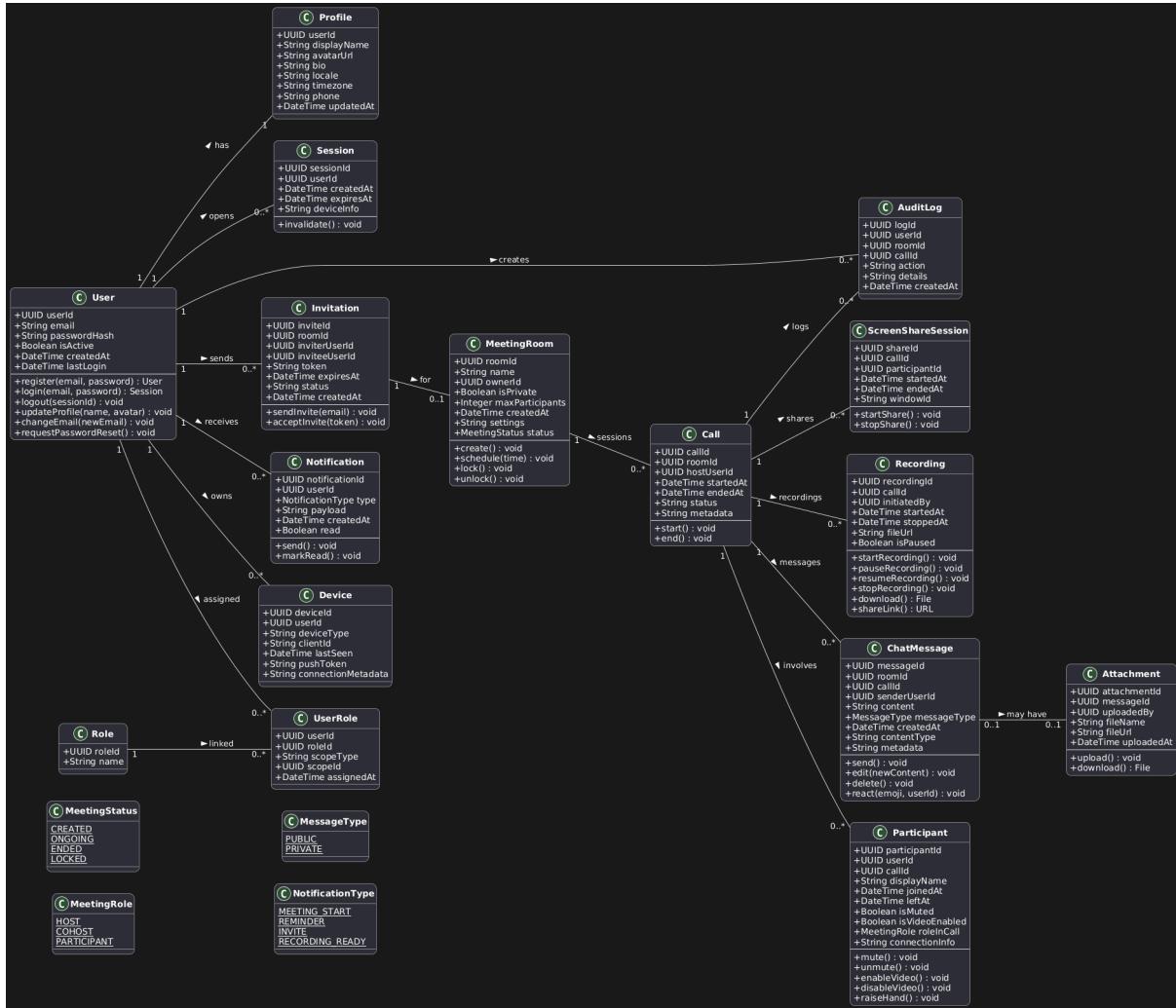


- **Architecture Diagram:** Draw the overall software architecture, showing main components and their interactions.



[https://lucid.app/lucidchart/06d49bcf-414c-4396-9383-c0f758702bef/edit?viewport\\_loc=-472%2C-6658%2C8975%2C4258%2C0\\_0&invitationId=inv\\_b0415187-c243-43b0-aa51-6702403b451b](https://lucid.app/lucidchart/06d49bcf-414c-4396-9383-c0f758702bef/edit?viewport_loc=-472%2C-6658%2C8975%2C4258%2C0_0&invitationId=inv_b0415187-c243-43b0-aa51-6702403b451b)

- **Class Diagram:** Create UML class diagrams for your system, including attributes, methods, and relationships.



- **Relational Database Model:** Design the relational database schema, including tables, keys, and relationships.



<https://dbdiagram.io/d/6907a2396735e11170dce006>