



# **Sensible** **The Group App** **Designed to Get** **Things Done**

By: Dan Quirke, Sarthak Patipati, Miguel Rodriguez, and Wasay Ahmed



# Why Does the World Need

## Sensible?

### What we Want From our App

There were a few things we felt were missing from the apps we used to keep our groups organized.

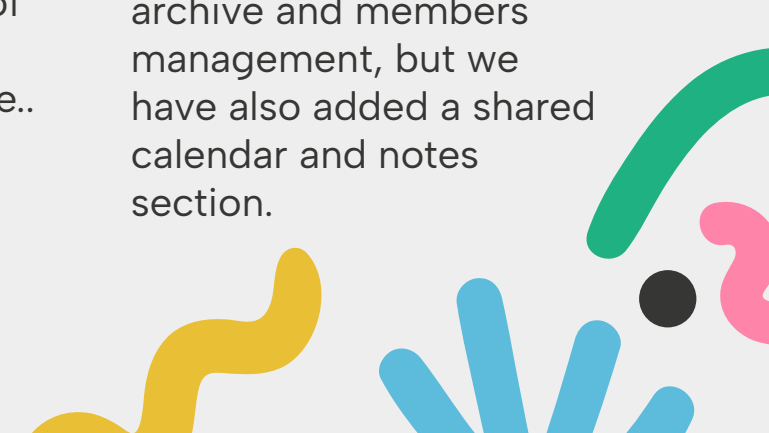
- Discord does not have a gallery
- GroupMe is too narrow in usage.
- Nowhere has a group calendar attached to it.

### The Human Needs We Meet

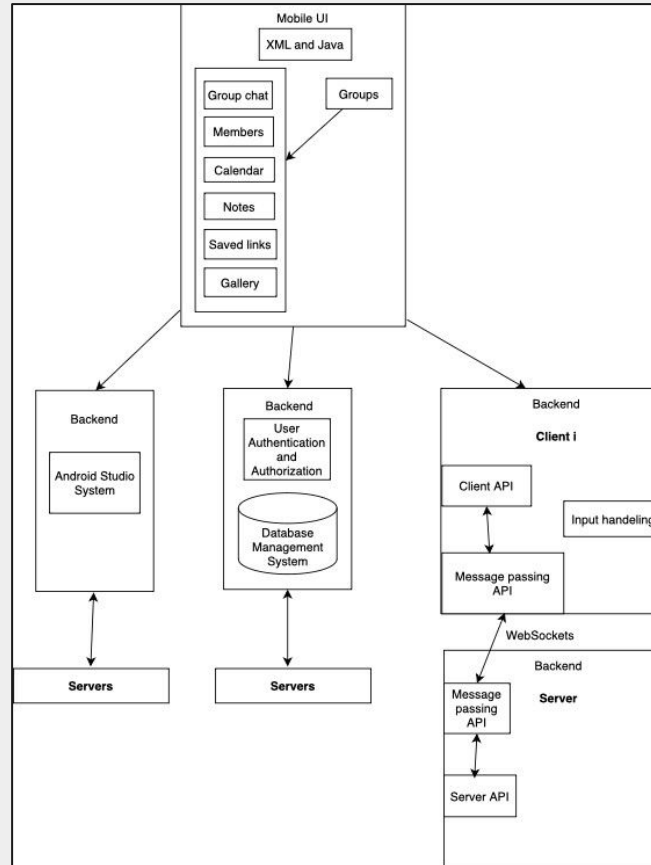
A lot of our participants wanted a place they could keep as much of their collective information as possible..

### What we Bring to the Table

Sensible is a group chat and organization app all wrapped into one. It has a gallery, link archive and members management, but we have also added a shared calendar and notes section.



# System Architecture



# Functionality – Demo

<https://youtu.be/eHUHJUbtQMc>



# Functionality – Use/Case + Scenarios + Requirements

## 1. Real-time Integration:

- Real-time messaging; integrated task and deadline reminders.

## 2. Interactive Calendar Tracking:

- Visual tracking of tasks; integration with Google Calendar for syncing deadlines.

## 3. Collaborative Note-Taking:

- Rich-text editing and group editing capabilities.

## 4. Link Organization System:

- Efficient storage and categorization of shared links for easy access.

## 5. Scheduling via Google Calendar:

- Direct integration for group and personal event scheduling, with reminders.

## Fulfillment of Use Cases & Requirements:

- **Program Alignment:** Specifically designed to enhance academic collaboration and personal organization.
- **Requirements Met:** Addresses communication, group collaboration, note-taking, information storage, and scheduling needs.

# Findings: Data Analysis Coding

## 1) **Efficiency in Communication/Group and message management (User Study One + P1/P3)**

- a) "How to get their attention quickly and efficiently"
- b) "I would like for my group member to quickly view my message"
- c) "Wanted to organize notes by subject and manage my resources more efficiently"
- d) "I would like my notes to be in one area"

## 2) **Calendar Usability and Integration/Familiarity with features (User Study Two + P2/P3)**

- a) "The way it works is fine because of Google Calendar setup"
- b) "The familiarity of Google Calendar allows me to quickly add a task"
- c) "Knowing how it works, I can quickly add a task"

## 3) **Navigation and Interface Design/Information Layout and Clarity (User Study One/Two + P1/P4)**

- a) "Would prefer a back button or an arrow instead of this option"
- b) "Clear navigation path path would be ideal"
- c) "Drawers are super helpful"
- d) "Having the ability to navigate in the same area is beneficial"

# Findings: Data Analysis Coding

## Observations:

- Familiarity with Google Calendar -> 👍 Results
- Discoverability was main takeaway from User Study 1
- Affordance main takeaway from User Study 2

## Common/Consistent Behaviors:

- General Appreciation for Google Calendar and Group Chat
- Universal Need for Efficient Communication
- Need for Intuitive Design

## Rare Behaviors:

- Varied Communication Preferences
- Lack of Feature Awareness
- Diverse Learning Curve

## Expected Findings:

- Users shared the need for clear/efficient communication tools

# How is it Working?



## Usability Issues

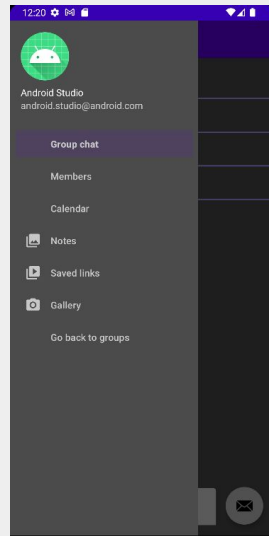
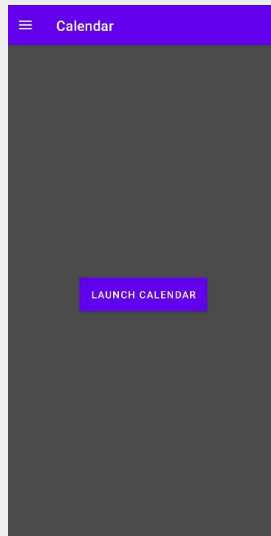
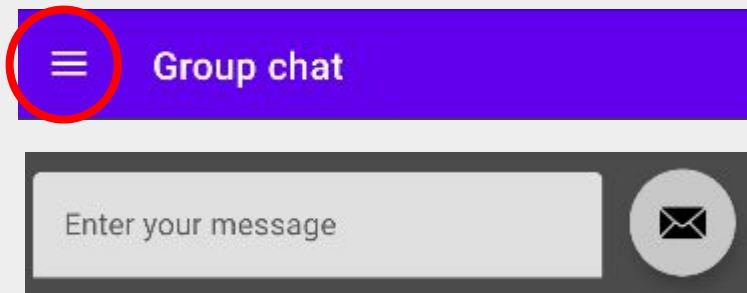
We had very few usability issues across our studies.



## Information Design

**Affordances:** We have a drawer that we represent with three bars that are commonly used, as well as buttons with different functions we leave as either floating action or in the middle of the screen.

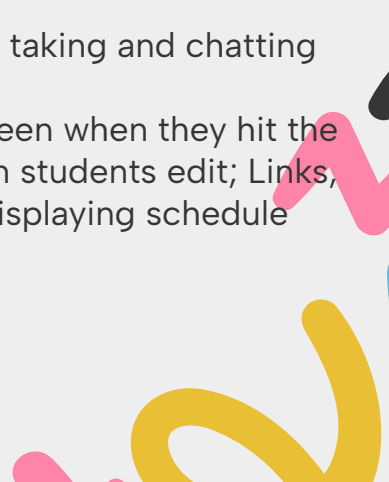
We implemented hierarchical mapping when the drawer comes out after being tapped.







# Overall Implications for Design


- **User Experience:**
    - Android Studio was used to develop the app, which is an IDE by Google
    - Google is widely known and used, especially by college students
    - Various Google services and products exist which can accommodate to many users needs
    - Many college students are comfortable and familiar using Google services or products since they are commonly used
    - Google accounts can allow their users to personalize, especially with the calendar feature
  - **Interaction:**
    - Students are able to collaborate in real time with each other through the note taking and chatting features
      - Feedback is given to students, such as a message showing up in the chat screen when they hit the submit button after writing a message; The notes displaying in the notes screen when students edit; Links, pictures, and videos being archived once they are sent in the group chat; Calendar displaying schedule
  - **Functionality:**
    - Use of Google Calendar
    - Management of data
  - **Software Design:**
    - Google Calendar API
    - Server and clients websockets for messaging
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# Overall Implications for Design

Change of Understandings:

**cont.**

- **Low-Fi Prototype**
    - Prioritized discoverability/seamless interaction
    - Calendar providing feedback
  - **User Study 1**
    - Advanced calendar features -> scroll between months, add tasks
    - Add/remove members from group chats
    - Note taking features
  - **User Study 2**
    - Archive links from group chat
    - Google Calendar -> familiarity was a plus
    - Drawers -> discoverability was a plus
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**Feel Free to Ask Questions!**

THANK  
YOU