2. Map User Journeys

User Journey Mapping

- Chart the flow from opening the app to completing tasks like finding an item or adding a new one.

- Include scenarios for key features like search, notifications, and analytics.

1. Alex Turner (Individual User)

Goal: Organize digital files and track gadgets.

Journey:

1. **Open the App**: Alex launches the app on a smartphone or PC.

2. **Search for a File**:

   - Uses voice command: *"Find my project documents folder."*

   - The app searches synced cloud drives and local storage.

3. **Organize Files**:

   - Views a list of unorganized files flagged by the app.

   - Tags files by category (e.g., work, personal).

4. **Track Subscriptions**:

   - Checks the "Upcoming Renewals" section on the dashboard.

   - Gets a notification about an expiring subscription and renews it via the app.

5. **Get Usage Insights**:

   - Receives a suggestion: *"You haven't used this old tablet in 6 months—consider decluttering."*

6. **Logout**: Exits the app, assured everything is synced and organized.

2. Grace Patel (Senior Family Member)

Goal: Track medical documents and set reminders for appointments.

Journey:

1. **Open the App**: Grace taps the app icon on her tablet.

2. **Access Medical Records**:

   - Uses a voice command: *"Show my health records."*

   - The app displays medical documents categorized by date and type.

3. **Set a Reminder**:

   - Taps the "Reminders" icon.

   - Sets: *"Doctor's appointment on January 15th at 10 AM."*

4. **Find a Warranty Document**:

   - Scans the QR code on her washing machine using the app.

   - The app displays the warranty and maintenance schedule.

5. **Receive Notifications**:

   - The app sends a gentle reminder: *"Time for the weekly grocery run."*

6. **Logout**: Grace taps the exit button, content with her completed tasks.

3. Raj Sharma (Small Business Owner)

Goal: Track business inventory and organize documents.

Journey:

1. **Open the App**: Raj logs in via his work computer.

2. **Track Inventory**:

   - Accesses the "Business Inventory" dashboard.

   - Views flagged items low in stock (e.g., coffee beans, napkins).

   - Adds a purchase reminder: *"Order 20 lbs of coffee beans by Friday."*

3. **Organize Manuals**:

  - Searches for the coffee machine's manual via a voice command: *"Find the maintenance guide for Coffee Machine Model X."*

  - Updates the maintenance status as "Completed."

4. **Check Budget Insights**:

  - Opens the "Budget" section and reviews monthly spending trends.

5. **Logout**: Raj logs out, satisfied that his business inventory is updated and under control.

4. Mia Lopez (Student)

Goal: Manage academic materials and declutter personal files.

Journey:

1. **Open the App**: Mia launches the app on her laptop.

2. **Search for Lecture Notes**:

  - Uses the search bar to type: *"Physics notes, November 2024."*

  - The app displays her categorized files by subject and date.

3. **Organize Academic Files**:

  - Uses a drag-and-drop feature to categorize notes into folders.

4. **Declutter Files**:

  - Views a notification: *"Your device is 80% full. Do you want to clean up?"*

  - Approves the suggested deletions of redundant files and apps.

5. **Share a Project File**:

  - Uses the app to send a group project file to her teammates via email.

6. **Set an Assignment Reminder**:

  - Adds: *"Submit Chemistry assignment by Jan 10, 11:59 PM."*

7. **Logout**: Mia closes the app after syncing her progress to the cloud.

5. Jatin Khatri

Goals:

1. Manage accounting for a trading business.

2. Write and debug code for a micro-SaaS.

3. Organize and track family responsibilities.

Journey Breakdown

1. Manage Trading Business Accounting

1. **Open the App**:

   - Launch the app on a desktop or smartphone.

2. **Access Business Dashboard**:

   - Navigate to the "Business Management" section.

   - View monthly profit/loss insights and recent transactions.

3. **Log a New Expense**:

   - Click "Add Transaction" or use voice command: *"Log a purchase of ₹50,000 for stock replenishment."*

   - Attach invoices by scanning them using the phone's camera.

4. **Set a Tax Reminder**:

   - Create a task: *"File GST returns by January 20th."*

5. **Generate Reports**:

   - Export an accounting report for December 2024 as a PDF.

6. **Backup Data**:

   - Sync business data to cloud storage automatically after updates.

2. Write and Debug Micro-SaaS Code

1. **Switch to Developer Dashboard**:

- Navigate to the "Project Management" section for micro-SaaS development.

2. **Organize Project Files**:

   - View all source code files tagged by module (e.g., *API, Backend, Frontend*).

3. **Find and Debug Code**:

   - Use search: *"Find instances of 'NullPointerException' in backend code."*

   - Open the file in a lightweight built-in text editor or link it to VS Code for advanced editing.

4. **Set Coding Tasks**:

   - Add a task: *"Fix API authentication bug by Jan 3rd."*

   - Mark it as "In Progress" when working on it.

5. **Sync with Team Members (if any)**:

   - Share project files via the app or push changes to a linked GitHub repository.

6. **Receive AI Suggestions**:

   - Get intelligent prompts: *"Do you want to optimize this loop for faster execution?"*

7. **Take Breaks**:

   - The app suggests: *"You've been coding for 2 hours. Take a 10-minute break!"*

3. Manage Family Responsibilities

1. **Access Family Dashboard**:

   - Switch to the "Family Responsibilities" category on the app.

2. **Track Tasks**:

   - Review:

     - *"Pay electricity bill by Jan 5th."*

- ○ *"Schedule a health check-up for Mom."*

3. **Organize Documents**:

   - Use the app's scanner to digitize and categorize documents (e.g., medical reports, warranties).

   - Add tags like *"Critical"* or *"Expiring Soon."*

4. **Set a Family Budget**:

   - Plan monthly expenses with predefined categories: *"Groceries, Utilities, Travel."*

   - Receive AI insights: *"Groceries expenses have increased by 10% this month."*

5. **Receive Notifications**:

   - Alerts for bills, family events, or important dates (e.g., birthdays).

Cross-Functional Features for Efficiency

1. **Customizable Dashboard**:

   - Combine key insights for business, coding, and family responsibilities on a single screen.

2. **Voice Commands**:

   - Use commands like:

     - ○ *"What's my coding task for today?"*

     - ○ *"Show pending family responsibilities."*

3. **AI Insights**:

   - Get actionable tips:

     - ○ *"Your trading expenses are unusually high this month."*

     - ○ *"Consider creating a shared grocery list for the family."*

4. **Mobile and Desktop Sync**:

   - Seamlessly switch between devices depending on where you're working.