



# New React Native Project: Habit Tracker App

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**Project Title: Habit Tracker – Build Good Habits, Break Bad Ones!**

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## Project Objective:

**NOTE: DON'T USE CHAT GPT**

Create a mobile app where users:

- Register/Login
  - Create daily/weekly habits (e.g., "Exercise", "Read", "Drink Water")
  - Mark habits as completed each day
  - Track progress over time
  - Store and retrieve habit history using AsyncStorage
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## Core Features:

### 1 Registration / Login (Local Only)

- Form with **Name**, **Email**, and **Password** (no need for real authentication yet).
  - Save user details in **AsyncStorage**.
  - Auto-login if user info exists
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## 2 Create Habit Screen

- Form to add a **new habit**:
    - Habit Name
    - Frequency: Daily or Weekly
  - Save habits in AsyncStorage.
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## 3 Habit List Screen

- Show a list of all added habits using **FlatList**.
- For each habit:
  - Show Habit Name
  - Show status: Completed / Not Completed for today
  - Button to mark it as **Completed**

✓ Students can also filter: "All Habits", "Today's Habits", "Completed Habits"

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## 4 Progress Tracking Screen

- Calculate and show:
    - % of habits completed today
    - Weekly progress (Bonus if they want to-Optional)
  - Simple charts or text is fine!
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## 5 Logout

- Clear AsyncStorage and go back to the Login screen.

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## Bonus Features (Optional Challenges):

- Add a calendar view to show habit streaks.
- Animations when marking a habit complete.
- Light / Dark mode.
- Offline-first — app works without internet.

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## Technical Stack & Requirements:

Stack	Description
React Native CLI	Development Framework
TypeScript	For typing props and states
React Navigation	Stack + Tab Navigation
AsyncStorage	Save habits and user data locally
useContext (optional bonus)	For state management

✓ Students should follow **good folder structure** (`src/components/`, `src/screens/`, `src/services/`, etc.)

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## Evaluation Criteria:

Criteria	Marks
Registration/Login system	10
Habit creation and storage	15
Habit list display and update	15
Progress tracking	5
Code Structure and Reusability	5
<b>Total</b>	<b>50</b>



## Submission Guidelines:

- Submit your project as a **GitHub repository link**.
- Include a **README.md** file with:
  - Description of the project
  - Setup instructions (**npm install**, **expo start**, etc.)
  - How to run the app on Android/iOS
  - Please attach the demo video.

Send me an email with project links - [zinayouhan33@gmail.com](mailto:zinayouhan33@gmail.com)



## Timeline:

- **Project Duration:** 4 weeks [ 27th May 2025]
- **Submission:** GitHub Repo Link + Demo Video

This design is for your reference (no need to be strict into this design)

:[https://www.behance.net/gallery/219570443/Habit-Tracker-App-Design?tracking\\_source=search\\_projects|habit+tracker&l=9](https://www.behance.net/gallery/219570443/Habit-Tracker-App-Design?tracking_source=search_projects|habit+tracker&l=9)