

[Description](#)

[Intended User](#)

[Features](#)

[User Interface Mocks](#)

[Screen 1](#)

[Screen 2](#)

[Screen 3](#)

[Screen 4](#)

[Key Considerations](#)

[How will your app handle data persistence?](#)

[Describe any corner cases in the UX.](#)

[Describe any libraries you'll be using and share your reasoning for including them.](#)

[Describe how you will implement Google Play Services.](#)

[Next Steps: Required Tasks](#)

[Task 1: Project Setup](#)

[Task 2: Displaying Habits and setting habits](#)

[Task 3: Managing Habits reminder ,progress](#)

[Task 4: Testing](#)

**GitHub Username:** [Hitesh880443](#)

# HabitApp

## Description

Most of people tired of taking resolutions that they then break due to a lack of time or motivation. This app will help to build new habits that actually stick, introduce positive changes in life and get a better work-life balance. This is a self-development app which helps peoples set, track, and reach your personal goals in all fields of life.

Habit can any like waking up on particular time ,taking Green tea in office / home , going temple , going gym, reading book, running, etc

## Intended User

This app can be use by any people having android phone and want to make habit of good things.

## Features

List the main features of your app

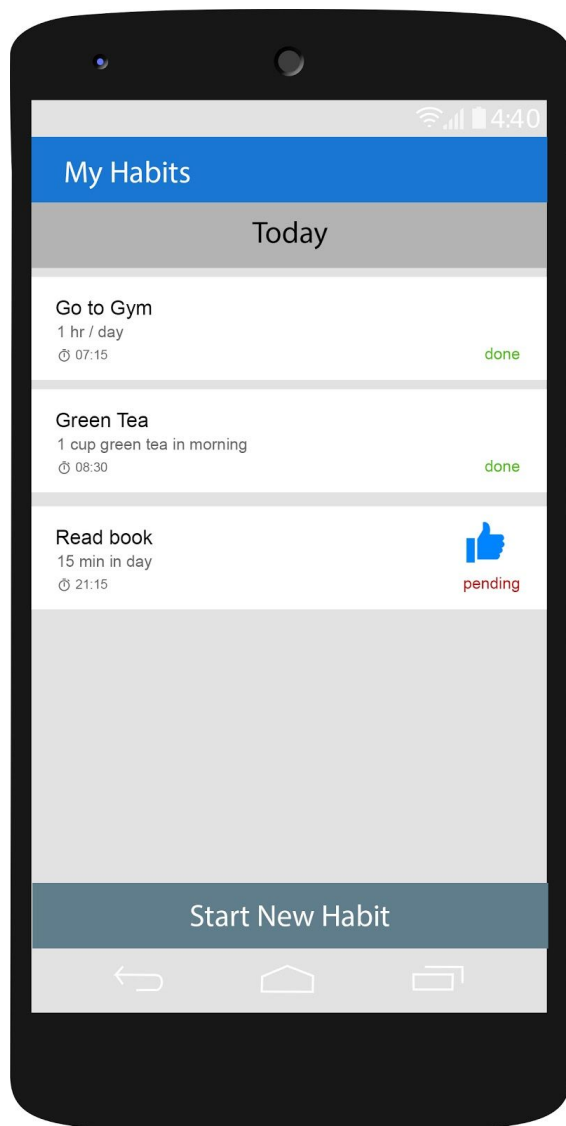
- App will have login facility so we can maintain the user's data
- App will display some default habit getting from server and user can add his own habit also. Habit will always update from server so user can see new habits as updated on server
- User will set any habit from list and set it for particular days.
- App will always remind the user for particular days at specific time as set by user.
- User can see his progress in app habit wise
- Daily motivational quotes using notification or widget on device home

## User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

### Screen 1

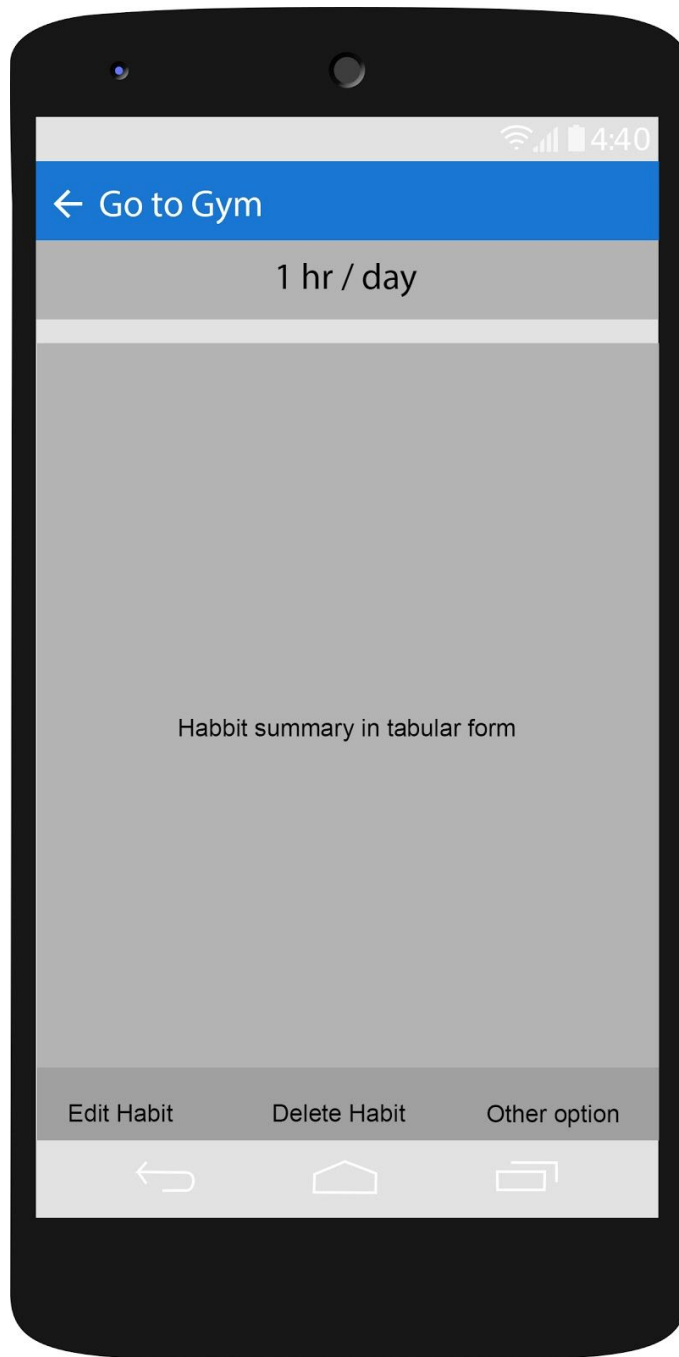
#### My Habits



This will be the first screen to app. I will display list of daily habits set by user. User can tap on any habit to mark or view progress. User can start his own habit

## Screen 2

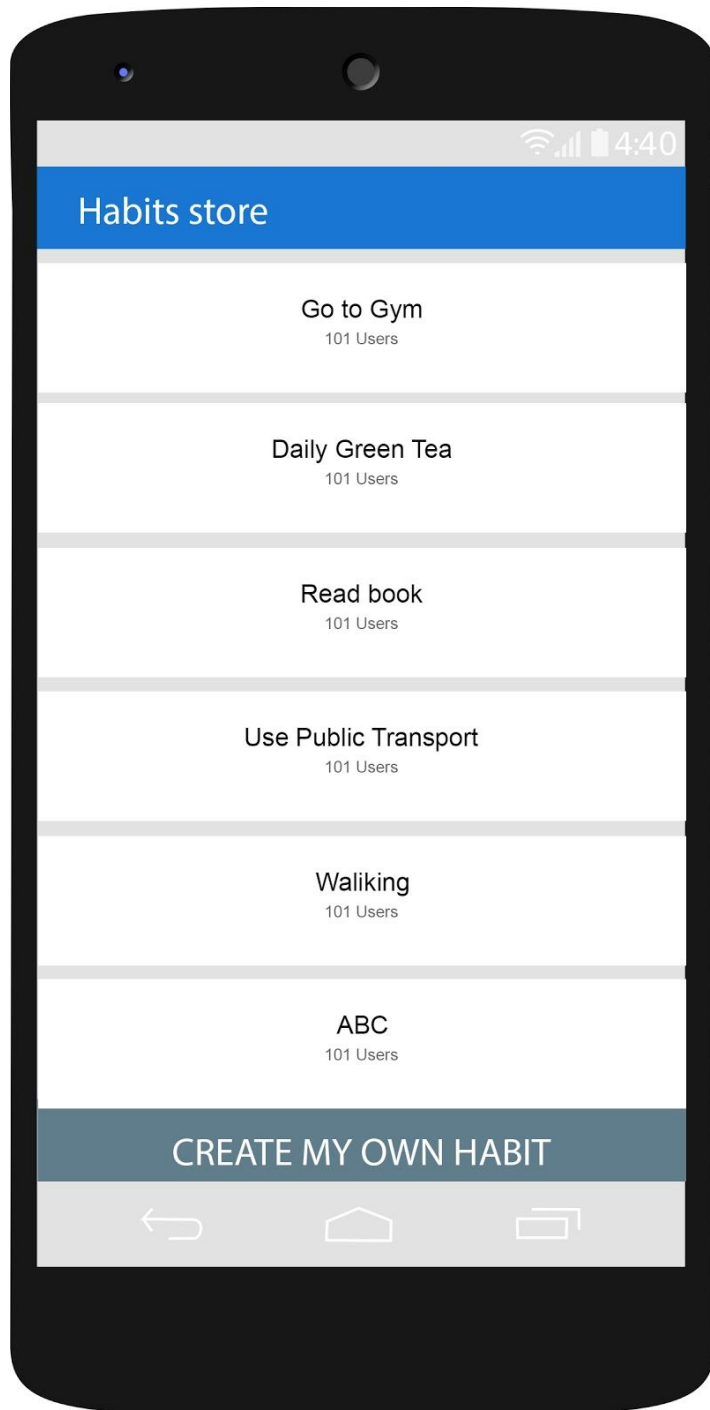
### Particular habit details



This screen will be open after tapping on any one of the habit from home screen.  
This screen will display habit data of previous days. Also user can edit , delete the habit from bottom buttons

## Screen 3

### Habit store



This screen will be open after tapping on start new habit button from home screen.  
This screen will display all habit from device. User can select any of them to start the habit. Also there is button to create own new habit.

## Screen 4

### Set habit

Set Habit

Go to Gym  
101 Users

Goal description

Description / Note

No of Day

Reminder Time

SET MY HABIT

Here user will set data for habit. Eg. No of days, reminder time etc and he/she will conform the habit by pressing the SET MY HABIT button

## Key Considerations

**How will your app handle data persistence?**

All data will be handle using content provider loader

**Describe any corner cases in the UX.**

User can jump on other screen by tapping on button or list items. And using back button he/she can come back to previous screen

**Describe any libraries you'll be using and share your reasoning for including them.**

- Gson to parse JSON data
- Retrofit for network related work
- Firebase for Authentication , broadcast notification

**Describe how you will implement Google Play Services.**

Mostly i will use google firebase so all notification , analytic part will done by itself

## Next Steps: Required Tasks

### Task 1: Project Setup

- Project setup in android studio with latest build tools version and all required libraries
- Setting emulator / physical device for app testing

## Task 2: Displaying Habits and setting habits

This task will be divided into two subtask

1. Displaying habits
  - a. List of habits fetch from local device asset data or from server
  - b. I will use recyclerview to display the list
2. Setting selected Habit
  - a. User will set/fill some important inputs like no of days , reminder time etc before confirming the habit

## Task 3: Managing Habits reminder ,progress

- Here all habits set by user will be tracked daily wise one ***background service*** will handle all the task
- All successfully done habits data will be updated locally using sharedpreference

## Task 4: Testing

- Testing all features on all device that is size wise and os version wise.