

Habit

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| <ul style="list-style-type: none">• Add habit• Delete habit• Edit details of habit• Display title of the Habit• Display details of the Habit• Display the day of occurrence of the habit (to keep track of habits)• Display missed since start date• Display visual to check how closely user is following habit | <ul style="list-style-type: none">• User• Event |
|---|--|

User

- | | |
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| <ul style="list-style-type: none">• Send follow requests to other users• Grant or deny follow requests of other users• Ask other users to follow their habit• Display name of user• Display the unique user ID• Display the list of users being followed• Display the list of users the user is following• Display the user's habits | <ul style="list-style-type: none">• Habit |
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Event

- | | |
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| <ul style="list-style-type: none">• Keep track of habit events• Add photos of events• Add details of events• Add location of events• Display comments• Display photo of events• Details of events• Call Maps to display events with location added | <ul style="list-style-type: none">• Habit• Maps |
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Maps

- Set location for habit events
- Display habit events with location added

- Event

AddHabitActivity

- Add Habits to HabitList
- Add Habits to Firestore Database

- User
- Habit

EditHabitActivity

- Edit details of a habit
- Update details in Firestore database

- User
- Habit

ViewHabitActivity

- View all the details of a habit

- User
- Habit

HabitCustomList

- Store details of Habit in a custom list

UserProfileActivity	
<ul style="list-style-type: none">• Display Username, number of followers, number of following• Display all habits for the user	<ul style="list-style-type: none">• User

UserSearchAdapter	
<ul style="list-style-type: none">• Perform Search for the user in the Firestore Database• Perform Search for the user in listview and display	<ul style="list-style-type: none">• UserSearchActivity

UserSearchActivity	
<ul style="list-style-type: none">• Collaborate with UserSearchAdapter to find user	<ul style="list-style-type: none">• UserSearchAdapter