

## AddingHabbitFragment

- create new habit as doer required
- add new habit to database

- AllHabitsFragment

Interface

## AllHabitsFragment

- create a list to display all habits for the current doer
- jump to the detail of the habit which is clicked by the doer
- jump to the activity for editing the habits which are clicked by the doer
- jump to add\_habit activity when the doer clicks on the add\_habit button

- AddingHabbitFragment

## FollowersFragment

- display all the followers who has followed the current doer

- HomePageFragment

## Habit

- knows habit title.
- knows reason.
- knows start date.
- knows if habit is completed,
- knows habit ID
- know when the habits should be done in a week

- HabitDate
- AllHabitsFragment
- AddingHabbitFragment
- HabitDetailsFragment

## HabitData

- get habit data from database
- hold the habit data for the current doer.

- Habit
- HabitDetailsFragment

## HabitDetailsFragment

- display the current habit detail
- can edit the current habit detail
- can delete the current habit

- Habit
- HabitData

## HomePageFragment

- display home page

- MainActivity

## LoginActivity

- Create login UI
- user can log in if input is correct

- HomePageFragment
- RegisterActivity

## MainActivity

- setting up toolbar and navigation drawer for fragments/activities
- jump to the clicked fragments/activities in the menu

- HomePageFragment
- ProfileFragment
- FollowersFragment

## ProfileFragment

- display doer's profile

- MainActivity

## RegisterActivity

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| <ul style="list-style-type: none"><li>• Create register UI</li><li>• Can register for new users</li><li>• Can jump to login activity</li></ul> | <ul style="list-style-type: none"><li>• HomePageFragment</li><li>• LoginActivity</li></ul> |
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## HabitEvent

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| <ul style="list-style-type: none"><li>• knows the habit commit</li><li>• knows the habit photo</li><li>• knows the habit location</li></ul> | <ul style="list-style-type: none"><li>• Habit</li><li>• HabitData</li></ul> |
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## PlanFragment

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| <ul style="list-style-type: none"><li>• create lists for each day of a week to display habits in that day</li><li>• can check the current doer's plan on each day of the week</li></ul> | <ul style="list-style-type: none"><li>• HabitData</li><li>• Habit</li></ul> |
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