| Habit | |
|--------------------------------------|---|
| Responsibilities | Collaborators |
| 1.maintain information about a habit | Profile MyHabitListActivity AddEditHabitActivity TodayPlanActivity MyFollowerHabitActivity OtherUserProfileActivity |

| Profile | |
|--|---|
| Responsibilities | Collaborators |
| 1.maintain information about a user, 2.contains the unique habit list for unique users | LoginPageActivity LoginAttentionFragment SignUpPageActivity SignUpAttentionFragment MyProfilePageActivity MyFollowerActivity MyNotificationActivity MyCommunityPageActivity SearchUserFragment OtherUserProfileActivity RequestSentFragment |

| HabitEvent | |
|--|--|
| Responsibilities | Collaborators |
| 1.maintain information about habit event | Habit HabitEventActivity AddEditHabitEventActivity |

| MainActivity | |
|--------------------------|--|
| Responsibilities | Collaborators |
| 1.initialize the program | LoginPageActivity Habit Profile HabitEvent |

| LoginPageActivity | |
|--|---------------|
| Responsibilities | Collaborators |
| 1.ask a user to login with username and password or sign up an account | MainActivity |

| LoginAttentionFragment | |
|---|-------------------|
| Responsibilities | Collaborators |
| 1.prompt the user that he enters wrong username or password | LoginPageActivity |

| SignUpPageActivity | |
|---|-------------------|
| Responsibilities | Collaborators |
| 1.ask a user to sign up an account by providing username and password | LoginPageActivity |

| SignUpAttentionFragment | |
|--|--------------------|
| Responsibilities | Collaborators |
| 1.prompt the user that he enters existed username or two unmatched passwords | SignUpPageActivity |

| MyProfilePageActivity | |
|--|-------------------|
| Responsibilities | Collaborators |
| 1.ask a user to check his habits, his plan, his followers or his notifications | LoginPageActivity |

| MyHabitListActivity | |
|---|-----------------------|
| Responsibilities | Collaborators |
| 1.the user can add, delete, edit his habits or check his habit events for a habit | MyProfilePageActivity |

| AddEditHabitActivity | |
|--|--|
| Responsibilities | Collaborators |
| 1.ask the user to add a habit by providing title, description(reason), date to start or edit a habit | MyHabitListActivity MyFollowerHabitActivity |

HabitEventActivity

| Responsibilities | Collaborators |
|--|--|
| 1.ask the user to check habit events for a habit, 2.edit an event, 3.add an event or 4.delete an event | MyHabitListActivity TodayPlanActivity |

| AddEditHabitEventActivity | |
|---|--------------------|
| Responsibilities | Collaborators |
| 1.ask the user to add or edit a habit event by providing photograph, comment and locate geolocation | HabitEventActivity |

| TodayPlanActivity | |
|-------------------------------|-----------------------|
| Responsibilities | Collaborators |
| 1.show a list of today habits | MyProfilePageActivity |

MyFollowerActivity

| Responsibilities | Collaborators |
|---|-----------------------|
| 1.show a list of people the user followed | MyProfilePageActivity |

| MyFollowerHabitActivity | |
|---|--------------------|
| Responsibilities | Collaborators |
| 1.the user views the habits of someone his followed | MyFollowerActivity |

| MyNotificationActivity | |
|--|-----------------------|
| Responsibilities | Collaborators |
| 1.show other users' following requests | MyProfilePageActivity |

MyCommunityPageActivity

| Responsibilities | Collaborators |
|---|-----------------------|
| 1.show a list of people the user has searched | MyProfilePageActivity |

| SearchUserFragment | |
|---------------------------------------|-------------------------|
| Responsibilities | Collaborators |
| 1.Search a user by providing username | MyCommunityPageActivity |

| OtherUserProfileActivity | |
|--|-------------------------|
| Responsibilities | Collaborators |
| 1.show someone's profile the user has searched | MyCommunityPageActivity |

RequestSentFragment

| Responsibilities | Collaborators |
|--|--------------------------|
| 1.show the user's follow request has been sent to others | OtherUserProfileActivity |
| | |