Habit

• Consists of a name, reason, schedule of days of the week it should be repeated, the date to start • Consists of a progress bar which will increase each time the habit is done. • Performs some calculations for how many times it was done on schedule, and how many times it was not done.	• User • AddHabitActivity • TodaysHabitActivity • ViewHabitActivity • EditHabitActivity • HabitCustomList

User

• User consists of a username and password • Contains getters and setters for username and password	• UserProfileActivity • LoginActivity • RegisterActivity • EditHabitActivity • AddHabitActivity • TodaysHabitActivity • UserSearchActivity

Event

• 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	• Habit • Maps • User

Maps

• Set location for habit events • Display habit events with location added	• Event

AddHabitActivity

• Add Habits to HabitList • Add Habits to FirebaseFirestore	• User • Habit • TodaysHabitActivity

EditHabitActivity

• Edit details of a habit • Update details in Firestore	• User • Habit • TodaysHabitActivity

ViewHabitActivity

• View all the details of a habit • Users can also delete or edit habit details while viewing habit	• User • Habit • TodaysHabitActivity

HabitCustomList

• Store details of a Habit in a custom list	• Habit

UserProfileActivity

• Display username, number of followers, number of following • Display all habits for the user	• User

UserSearchAdapter

• Adapter used to perform search for the user	• UserSearchActivity • User

UserSearchActivity

• Collaborate with UserSearchAdapter to find user based on username	• UserSearchAdapter • User

TodaysHabitActivity

• Displays today's habits for the user • User can check habit done once they finish it • The visual progress indicator updates (increases) as the user finishes a habit • User can click on the habit to view or edit its details or delete the habit	• ViewHabitActivity • User

RegisterActivity

• Register the user with username and password • Stores username and password in firebase firestore • Ensures username is unique (if not asks to enter a different username as it is taken)	• User • WelcomeActivity

LoginActivity

• Allows user to login with their credentials (username and password) • Ensures password entered is correct by verifying with data in firebase firestore	• User • WelcomeActivity

WelcomeActivity

• Collaborate with Login, Register to give user access to the app	• LoginActivity • RegisterActivity

NotificationsCustomList

• Custom list to hold the notifications	• NotificationsActivity

NotificationsActivity

• Activity for Notifications • Users are notified about follow requests • Users can accept or deny follow request • Notification disappears when addressed	• NotificationsCustomList