Habit	
• An object to represent a Habit as designated by the user. Data that describes a habit would include a title, reason, date the habit is planned to start, what days of the week it should occur, etc.	• Event • User

User	
• An object to describe one user of the application. This user is defined by their email and password they provide. Such a user has a uniqueID and an option to make their account public or private	• Login • Profile • Habit

Event	
• An object to represent a specific instance of a Habit object. Things such as location or an optional comment can be noted by the user.	• Habit

DaysOfWeek	
• A class that represents what days of the week have been selected by the user	• Habit

EventList	
• A class to convert a recyclerview into a list of events.	• Event

HabitList

• A class that holds a list of Habit objects	• Habit

NonReorderableHabitList

• A class that holds a list of Habit objects	• Habit

UserList

• A class to convert a list of users into a graphical listView display	• User

NotificationList

• A class to convert a list of notifications into a graphical listView display	• User • Request

ContextGetter

• Used to be able to get the context in classes that are not an activity.	

LocationHandler

• Will listen for changes in the location of the user, and when called, will give the location in terms of a latitude and longitude	• User • Event

Request	
• A class that contains the information of a follow request from another user	• User

AddHabitPage	
• Handles the user interactions of the add habit fragment such as allowing the user to enter details of the habit they are creating	• MainActivity • DaysOfWeek • Habit

FeedPage	
• Handles the user interactions of the Feed fragment such as allowing the user to view habit events from users they are following and click on them to see the user's profile	• MainActivity • Event • EventList • SearchedUpUser

AllHabitsPage	
• Handles the user interactions of the all habits fragment such as allowing the user to view all the habits they have created, reorder them, delete them, or click to view them	• Habit • HabitDetails • HabitList • MainActivity

ProfilePage

- Handles the user interactions of the profile fragment such as allowing the user to add or change their photo, edit their information, view their followers and following and search up users by their ID

- User
- SearchedUpUser
- FollowingFollowers
- MainActivity
- BootScreen

NotificationButton

- Sets a listener that responds when a user clicks on a "notifications" button. When they do so it will open a dialog with any pertinent notification information

- NotificationList

TodaysHabitsPage

- Handles the user interactions of the today habits fragment such as allowing them to view which habits they have scheduled for that day

- Habit
- HabitList
- HabitDetails
- MainActivity

MoreButton

- Is a button used exclusively on the habit details page that shows options to the user like: adding a habit event, editing that habit, or deleting that habit.

- HabitDetails

GoBackButton

- Sets a listener that responds when a user clicks on a "go back" button. When they do so it will close the current frame and re-open the the most-recent frame.

- All

BootScreenActivity

- The class that handles the movement to and from the log in and sign up screen

- LogIn
- SignUp

EditHabitEventActivity

- Handles the user interactions of the event edit page such as allowing the user to edit the comment, location, or photo on the event

- Event
- Habit
- LocationHandler

FollowingFollowersActivity

- Deals with the user interaction between the following and follower frames.

- User
- UserList

HabitDetailsActivity

- Handles the user interactions of the habit details page such as allowing the user to edit the details, view the events for that habit, create a new event, or delete the habit

- DaysOfWeek
- EventList
- Habit
- Event

HabitEventDetailsActivity

- Handles the user interactions of the event details page such as allowing them to edit or delete the habit event

- Habit
- Event

SignUpActivity

- Activity takes data and creates a new user in Firestore

LogInActivity

- A class that handles any navigation actions away from the log in screen as well as provides the logic to check a users credentials, if the info exists, it passes it to the next

- User

SearchedUpUser

- Shows the user information about another profiles data. It shows their profile info, their list of public habits, and the most recent habit event for each public habit.

- EventList
- Habit
- User

ImageDialog

- Displays a popup of an image when it is clicked on

- Event

MainActivity	
• The class that directs the program to any of the navigation bar fragments (addhabit, feed, profile, allhabits, today). It navigates to the allhabits page by default.	• AddHabitPage • FeedPage • ProfilePage • AllHabitsPage • TodaysHabitsPage

MapSelectorActivity	
• Allows the user to scan google maps to select a latitude and longitude value to represent the location of a habit event.	• Event • Habit