

Overview

You are actively looking for your new home? You are visiting multiple locations and want to organize your findings? Look no further! **ListIt** offers you the perfect tool to keep track of the places you visit. We integrate comparing features just in on app to help you make the best decision. No need to keep multiple lists in different haunting websites and manually compares the listing you find. We save you time and give you the information you need to decide.

Functionalities

Save your preferences: ListIt allows you to save your preferences - number of beds, bathrooms, square feet, zip code, price, amenities - that you want in your new place.

Add a place: Save details of places you visit - address, features, contact information, notes, pictures...

Rate a place: attach a tag - Love it, maybe, no - to a place

Tweet a place: Tweet about a place

Search and filter: Search place by applying various filters: date, price, category

Class Diagram

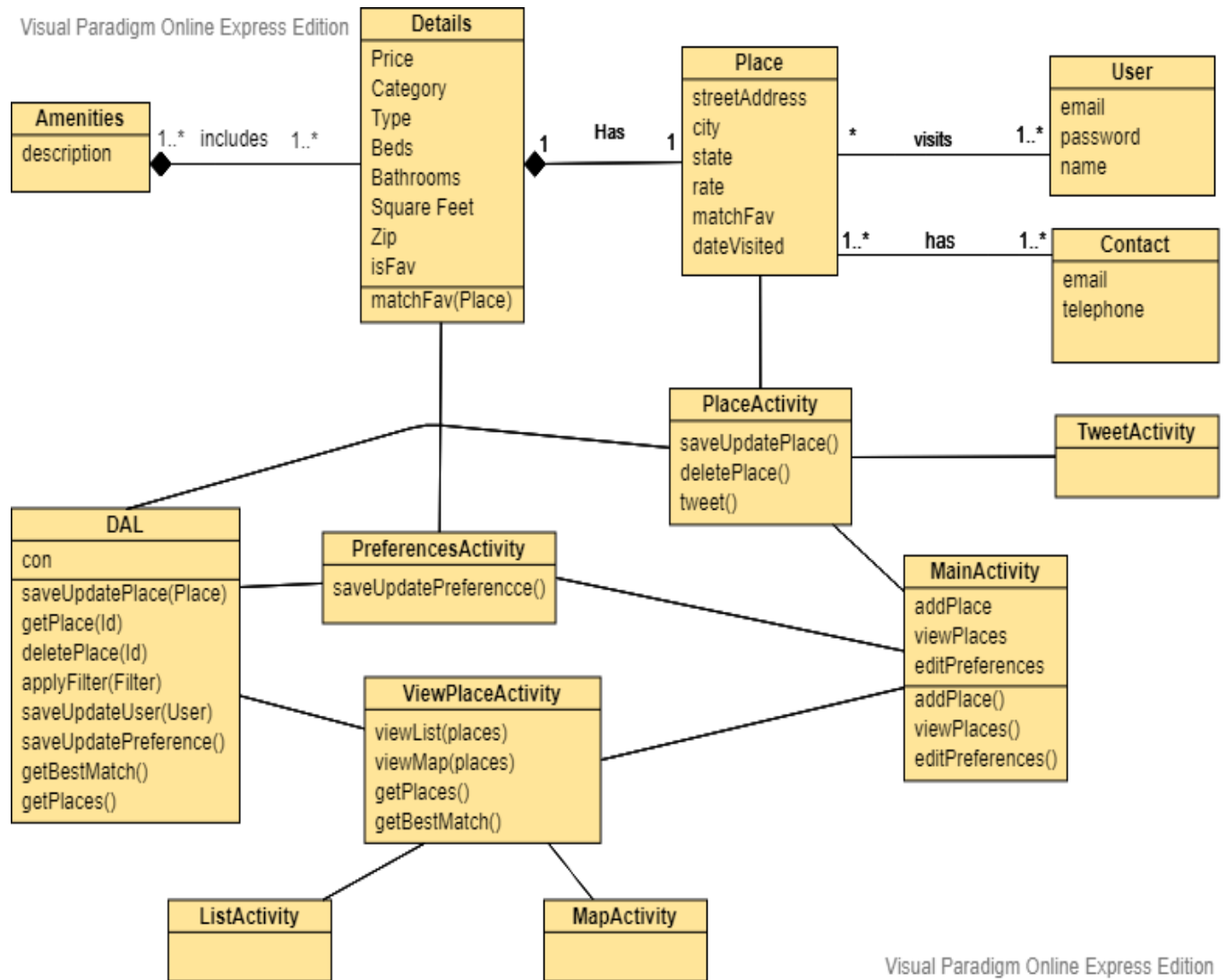
We have 3 main categories of classes. The ones that represent our business model:

- Place: key information of a place including address, rate, note, pictures....
- Details: used to save the preference of a user as well as details of each visited place
- Amenities: List of amenities that a place can have
- Contact: contact information for a place
- User: user details such as email, password and name

The second group will interact with our different views:

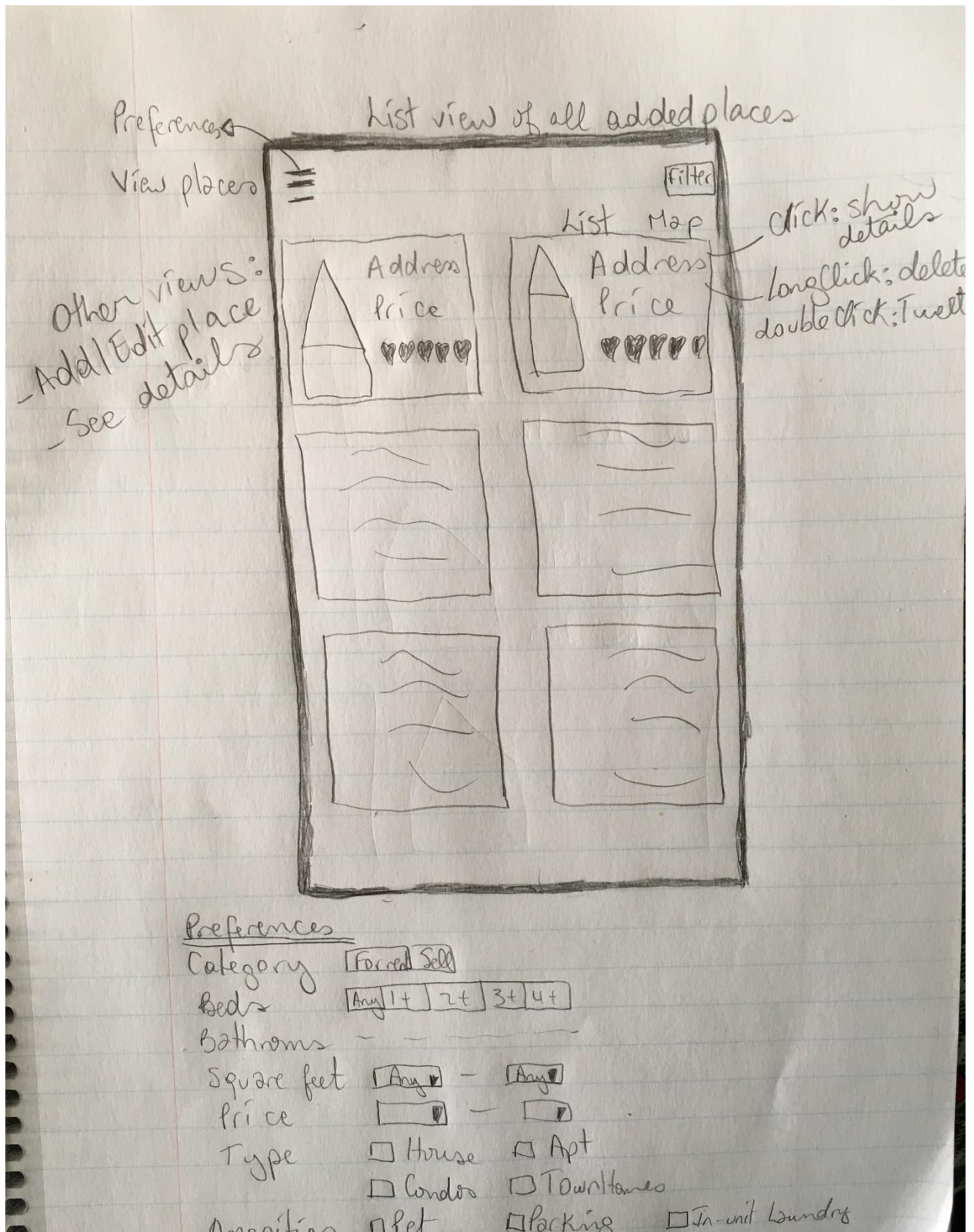
- MainActivity: Will interact with the main view that will feature three main buttons – Add place – View places – Edit preferences
- PlaceActivity: Will interact with the Add/Edit place view – accessing the values in the view, validate them and send them to the database access layer for saving.
- PreferencesActivity: Handle the preferences view that will allow user to edit/save the criteria the new place should meet
- ViewPlaceActivity: Will request data from the database to display to the user and calling the listActivity view or the MapActivity view given the preferences of the user
- ListActivity: Display the list of visited places
- MapActivity: Display the places in a map
- TweetActivity: call the tweeter API and prepare a new tweet about the place

The last group will provide methods to access the database and constitutes: DAL will take care of all the call to the database

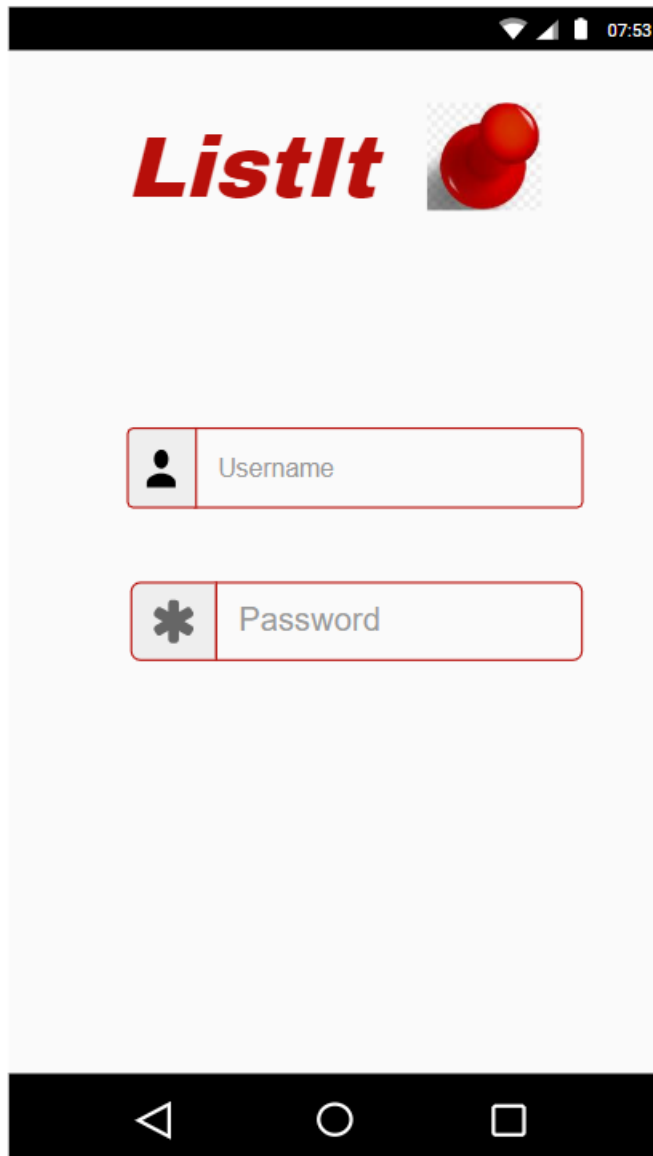


MOCKUPS

List view of all added places and View of Preference



Login page



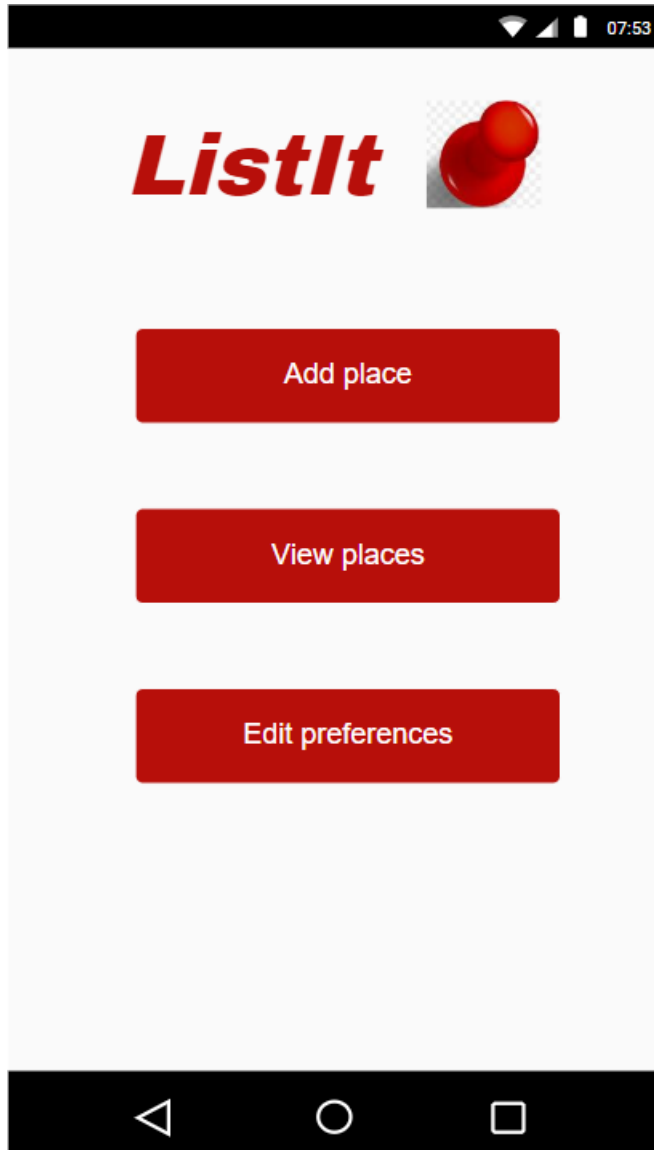
The image shows a mobile application login screen for 'ListIt'. At the top, there is a black status bar with white icons for Wi-Fi, cellular signal, and battery, along with the time '07:53'. Below this is a white header area containing the 'ListIt' logo in red italicized font and a red pushpin icon. The main content area is white and features two input fields. The first field is for the 'Username', indicated by a person icon in a red-bordered box. The second field is for the 'Password', indicated by an asterisk icon in a red-bordered box. At the bottom, there is a black navigation bar with three white icons: a back arrow, a circle, and a square.

ListIt

Username

Password

MainView



Add a place

ListIt

Address

Phone

Price

\$

Amneties

☐ Parking

☐ Pool

☐ Parking

☐ Parking

☐ Pool

☐ Parking

Save