[Description](#_sm4ra97uwo11)

[Intended User](#_aws88pzfmqca)

[Features](#_zheq5430xrpq)

[User Interface Mocks](#_giquerrw6g46)

[Screen 1](#_a4jdupabry3k)

[Screen 2](#_dpcbbkx5yry)

[Key Considerations](#_gvcvmae8jn8u)

[How will your app handle data persistence?](#_v8my7nhtvz0m)

[Describe any corner cases in the UX.](#_gw69vjn1ico0)

[Describe any libraries you’ll be using and share your reasoning for including them.](#_6yqqubmw5bs)

[Describe how you will implement Google Play Services.](#_qrxg682nywe6)

[Next Steps: Required Tasks](#_v518bncmggeg)

[Task 1: Project Setup](#_8oe8zpk3qsmp)

[Task 2: Implement UI for Each Activity and Fragment](#_rzllsk6uqztx)

[Task 3: Your Next Task](#_fdmohs7hes)

[Task 4: Your Next Task](#_umfwsvmx7tpn)

[Task 5: Your Next Task](#_kjidlkq4xm3u)

**GitHub Username**: khurrams84

Property Portal

# Description

Use can add, edit and search property for rent and sale. I want to target the community which can search property easily without any long input.

# Intended User

Users who want to look property for sale or rent.

# Features

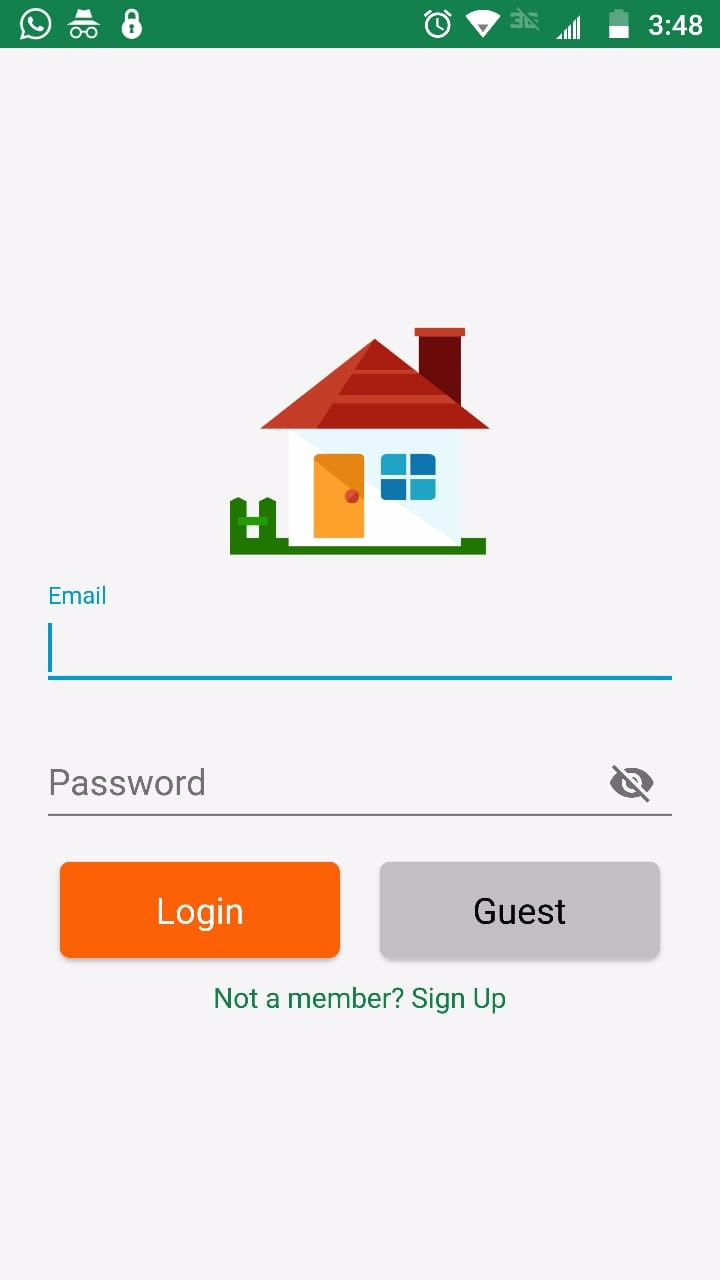
App will be solely written in the Java Programming Language. App keeps all strings in a strings.xml

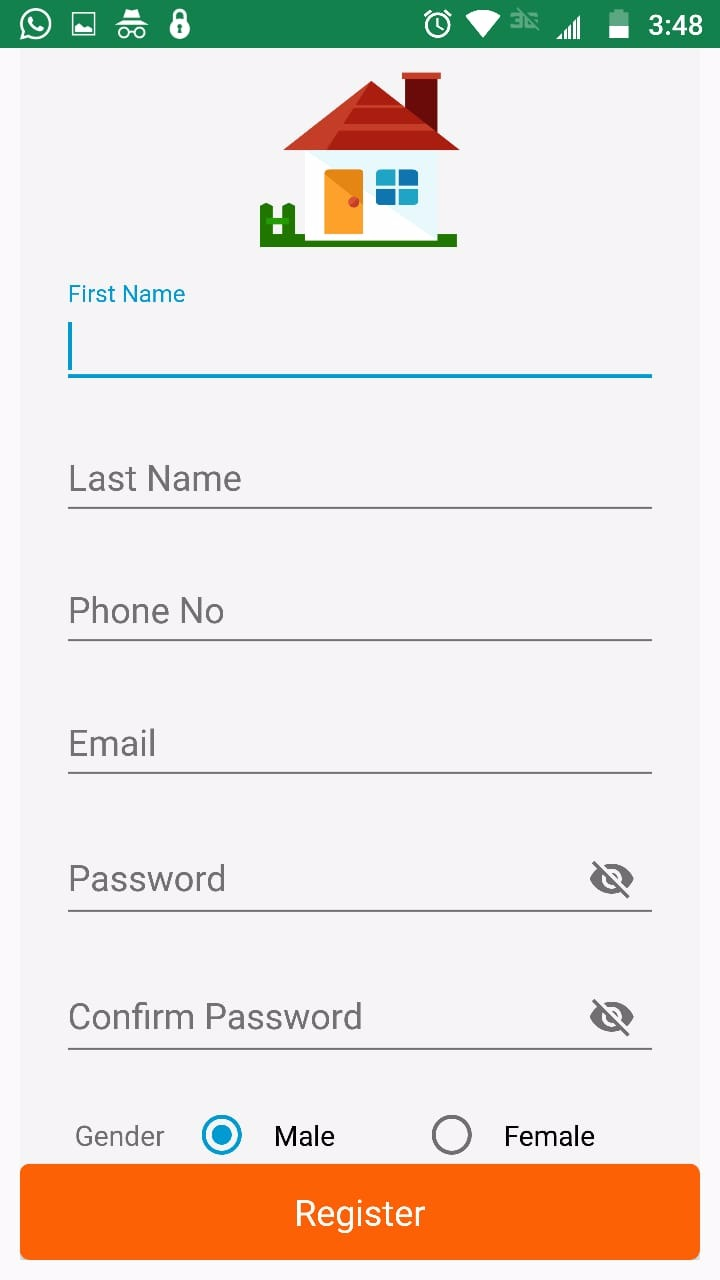
List the main features of your app.

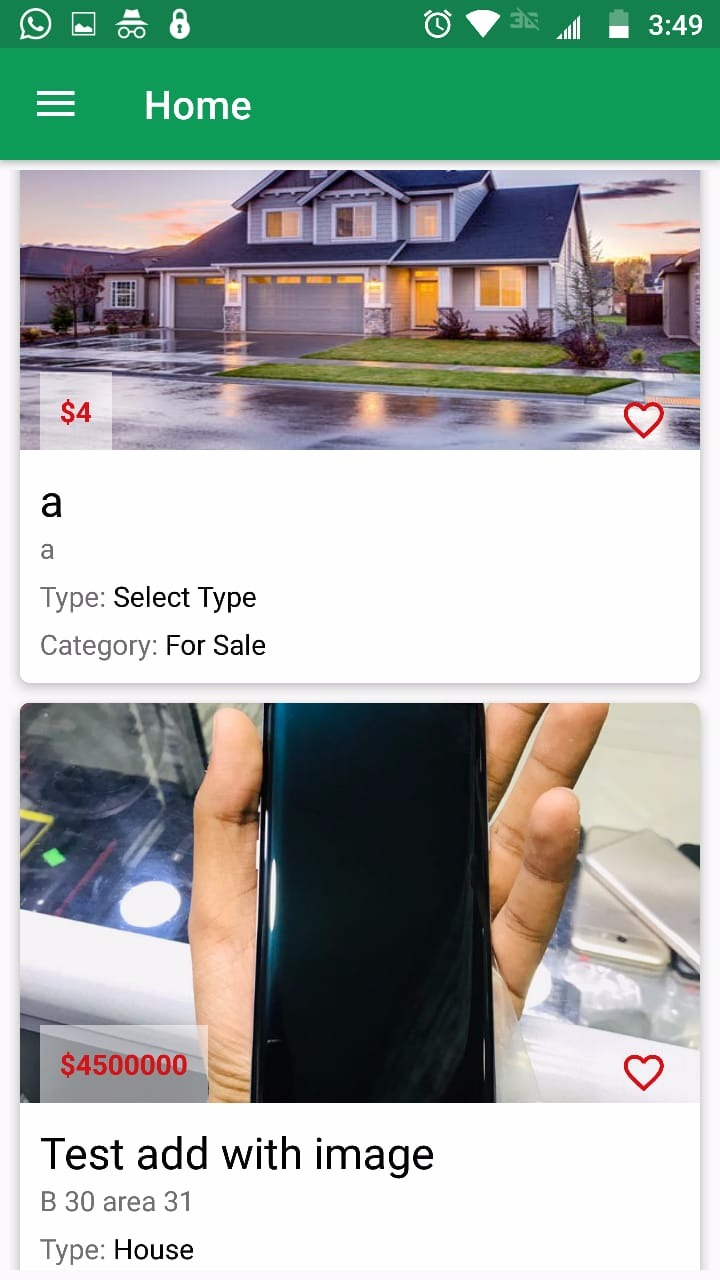
* Add/Edit Property
* Save single picture for property
* Filter Property
* Login User information

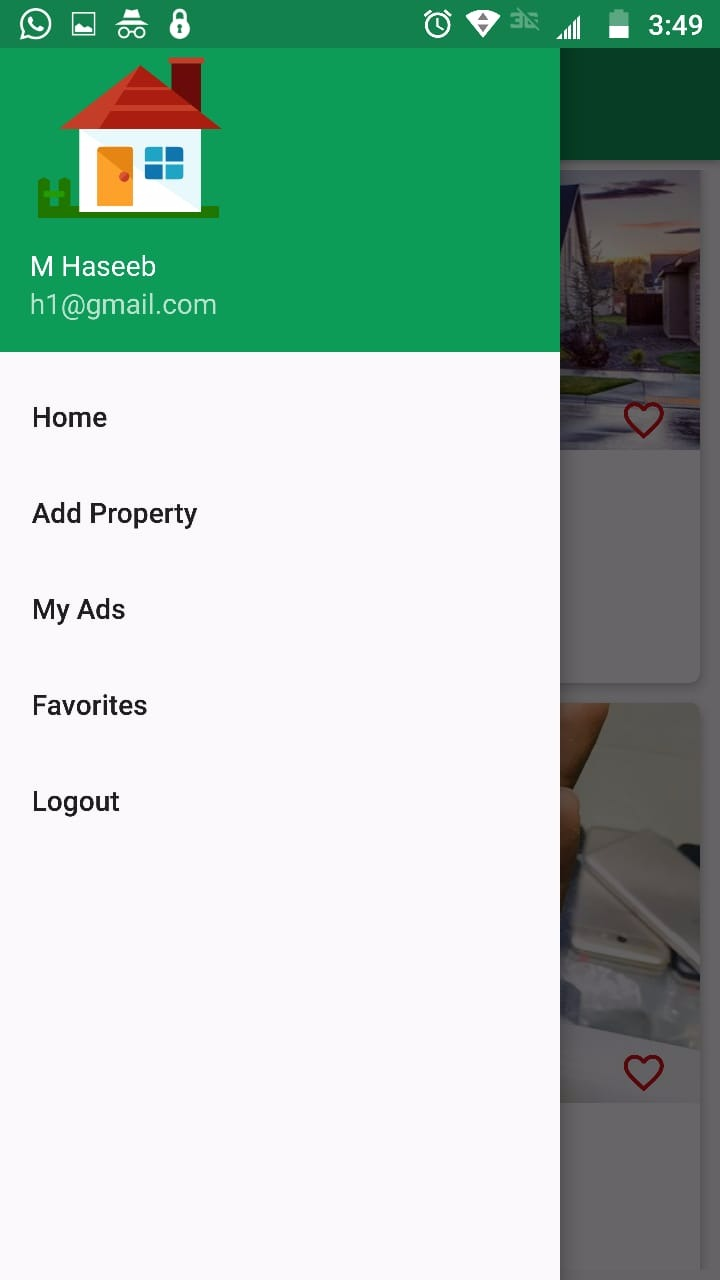
# User Interface Mocks

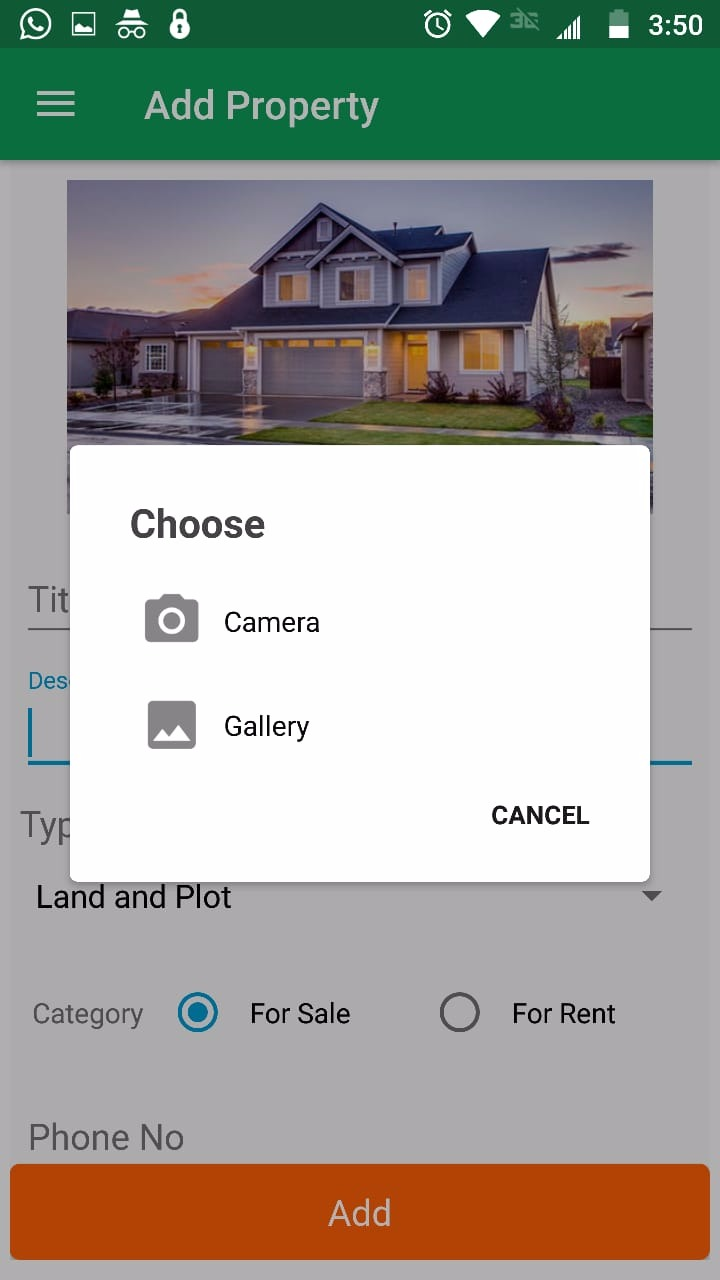
## Screens

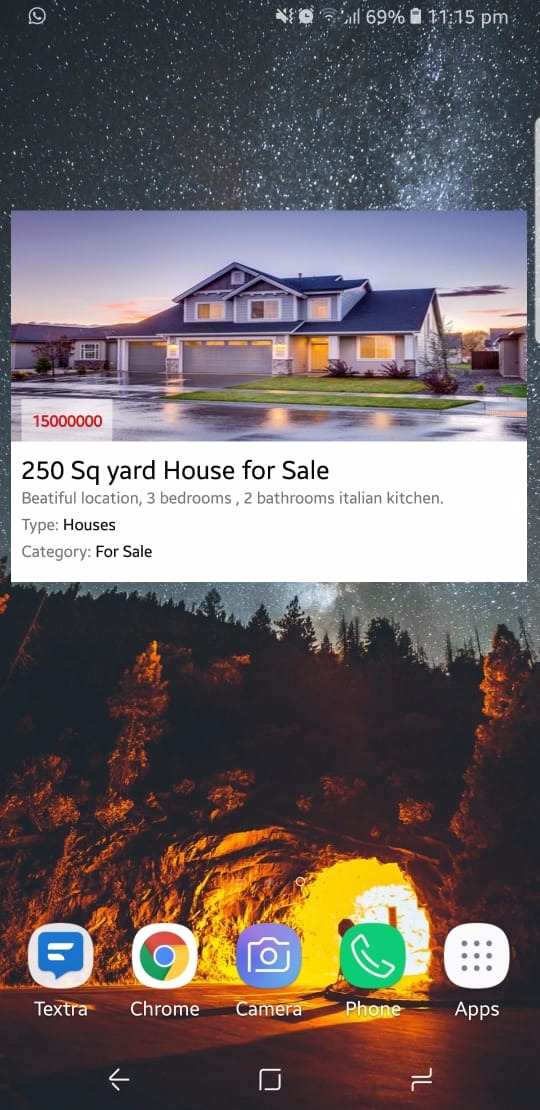












# Key Considerations

### How will your app handle data persistence?

App is going to use PHP based web service to hold the data. Room is also going to be used as local database for saved fovorites.

### Describe any edge or corner cases in the UX.

Using Glider for loading and caching image.

### Describe any libraries you’ll be using and share your reasoning for including them.

Retrofit for data download from php api

Glider for image processing

Room for local database to show the saved favorite properties

Following libraries and their versions are using,

retrofit = '2.4.0'

glideVersion = '3.7.0'

gradle = 3.1.4

com.github.jrvansuita:PickImage = 2.2.4

Android Studio 3.1.2

### Describe how you will implement Google Play Services or other external services.

Admob and Analytics will be used in this app.

# Next Steps: Required Tasks

## Task 1: Project Setup

Build API/Web Service in PHP for data persistence

## Task 2: Implement UI for Each Activity and Fragment

* Build UI for Login
* Buid UI for Add/Edit Property
* Build UI for Favorite List
* Build UI for Dashboard for login and anonymous user
* Build UI for searching the property

## Task 3: Implementation of PHP in UI Screens

Integrate with UI (all screens) with PHP webservice/api

## Task 4: Widget implementation Task

App will save the favorite property in the local Room database. Then we will show the last saved property saved by user to their widget.