

Mr Piston

Description :

This application programmed by using native android language (java) and it is call Mr.Piston .

Mr. Piston aims to facilitate the market of automobiles spare parts for his clients who can get all spare parts for their cars with many features such as our attractive prices, our delivery services, rapid response with professional digital marketing technology by using our mobile application.

Intended User :

This application is mainly for car owners whose need to buy spare parts for their cars .

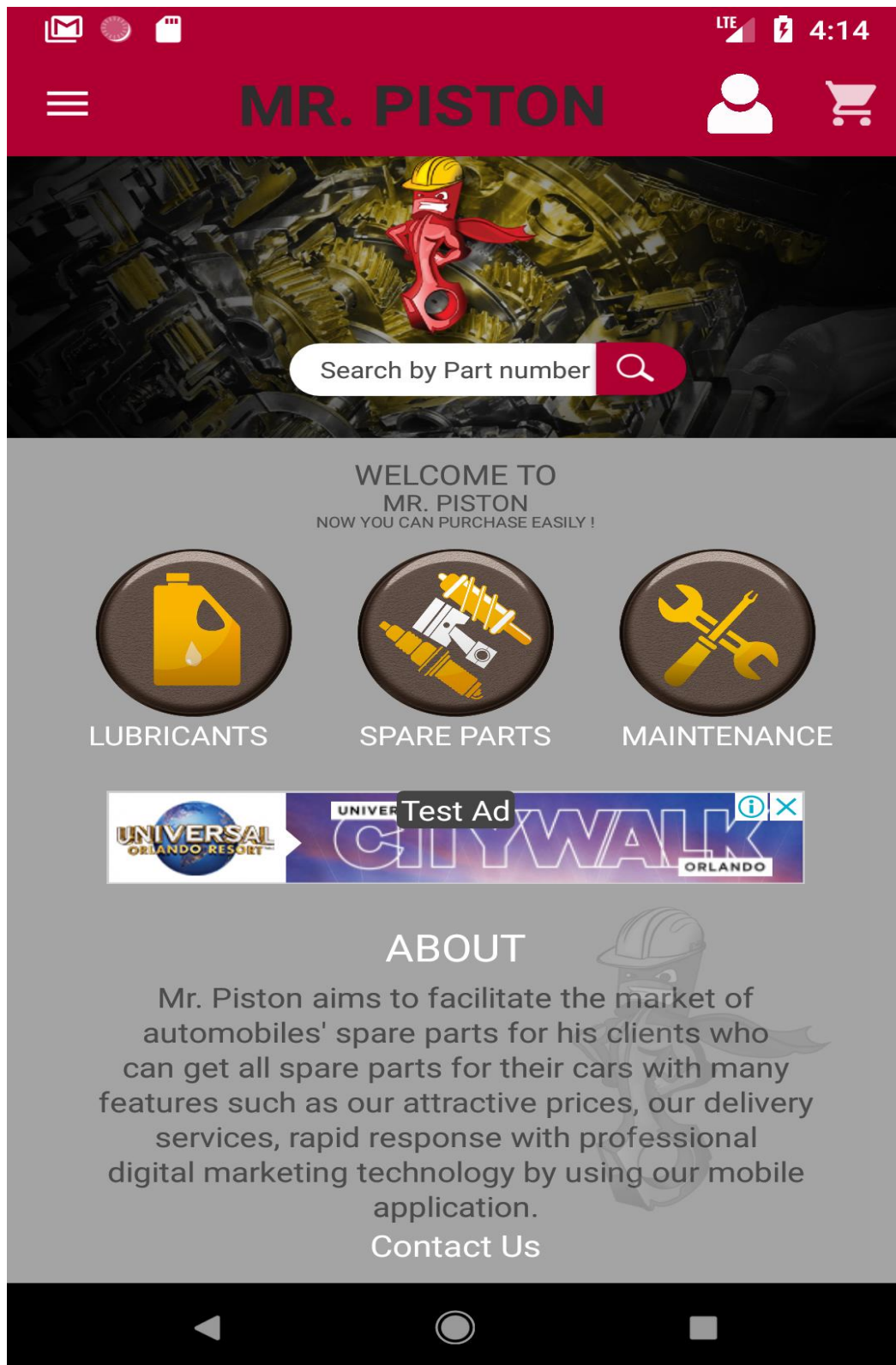
Features :

Main features :

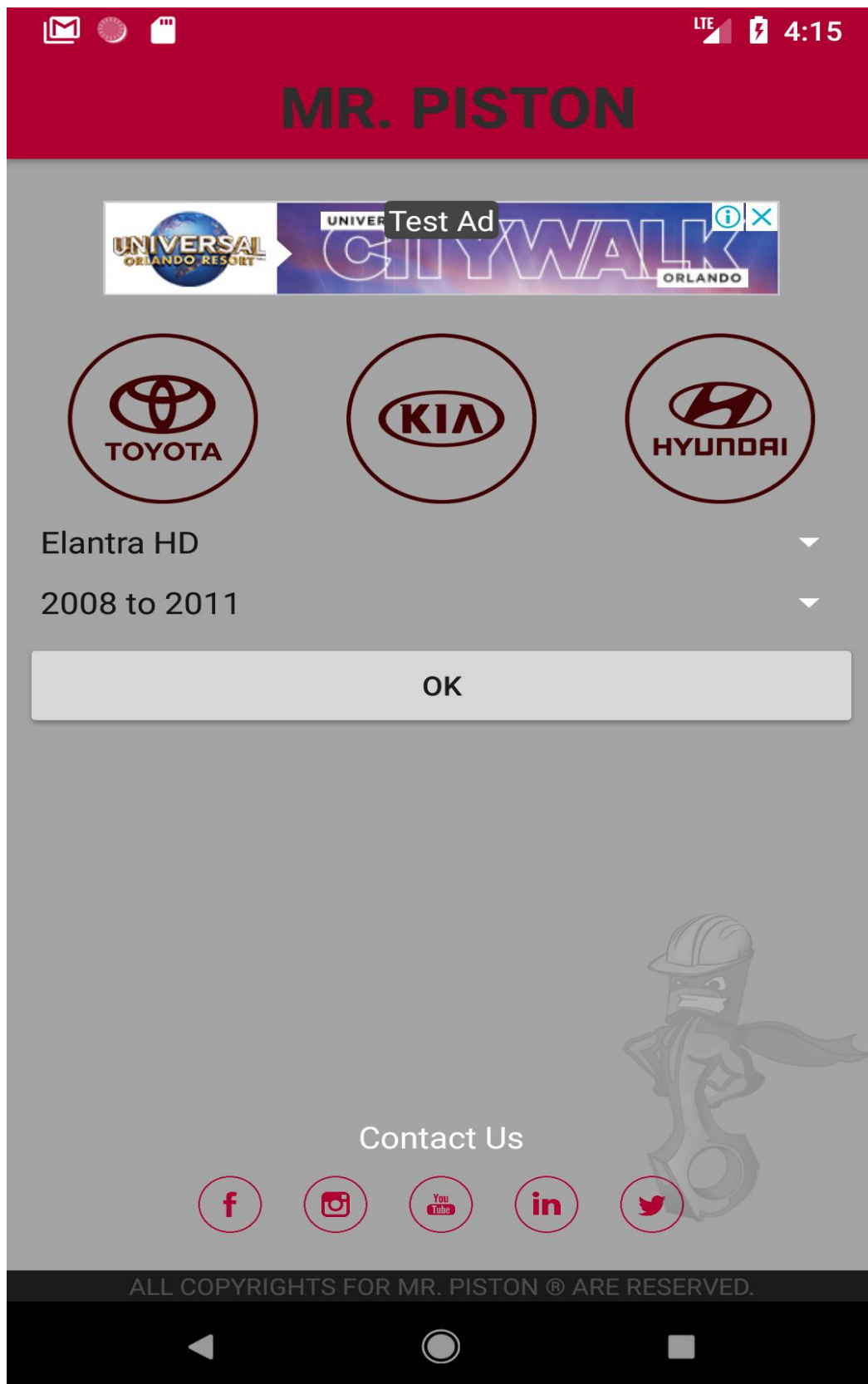
- It shows the spare parts and its price .
- You can make a registration and login with this account .
- The use can add items to his cart .
- It's possible to review the cart .
- purchase all items from the cart.

User Interface Mocks :

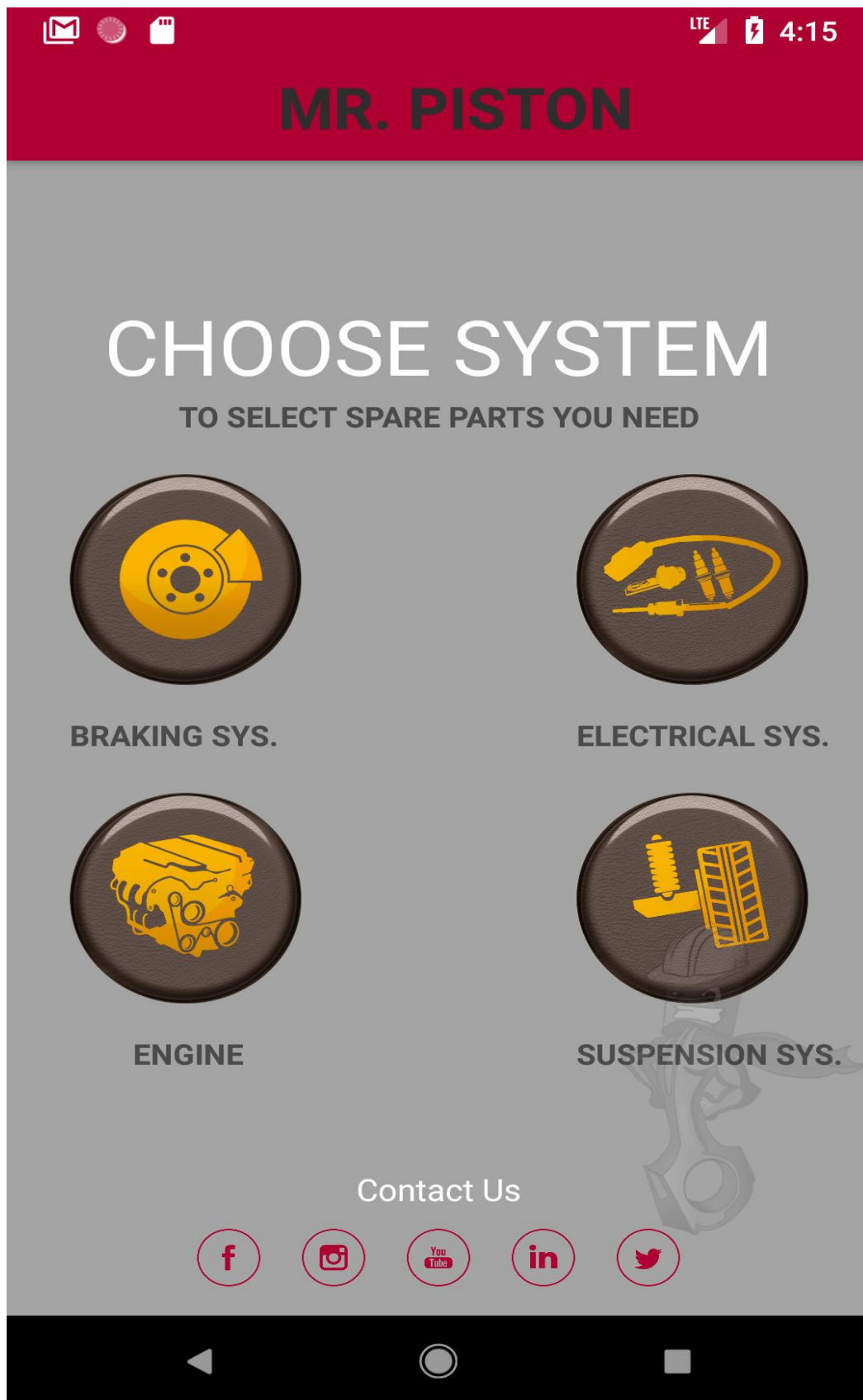
Screen 1



Screen 2



Screen 3



Screen 4

4:17

MR. PISTON



MR. PISTON

طقم مساعد امامي KYP

Hyundai - Elantra HD
2008 to 2011



MR. PISTON

طقم مساعد خلفي KYP

Hyundai - Elantra HD
2008 to 2011



MR. PISTON

طقم مقص امامي CTR

Hyundai - Elantra HD
2008 to 2011








MR. PISTON

طقم مقص امامي كوري


Hyundai - Elantra HD
2008 to 2011

Screen 5



LTE   4:18

MR. PISTON



Product Name: :

KYP طقم مساعد امامي

Product Country :

japan







Product Year :

2008 to 2011

Quantity

2


Review

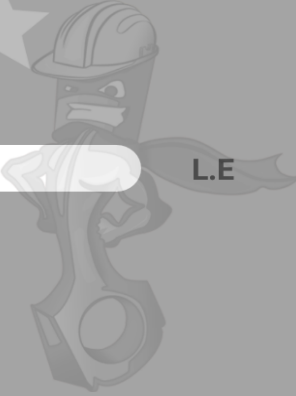


PART PRICE :

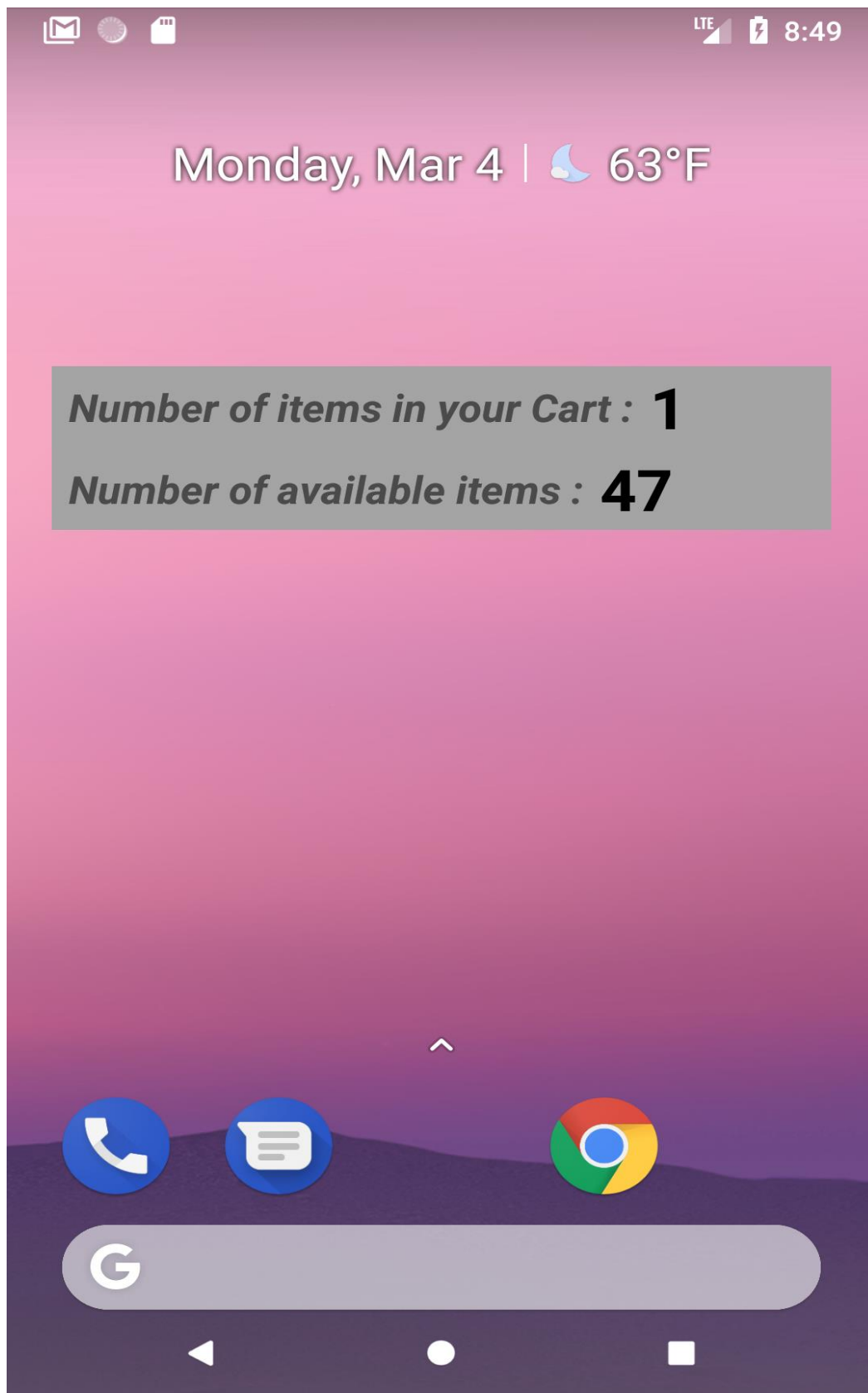
1450.0

L.E

 PURCHASE



Screen 6



Key Considerations

How will your app handle data persistence?

This app using firebase database to send and receive the data online .

Only the admin who has the firebase account can access for this database and he also can delete or add any data from it.

I used google play services to upload my app to the store .

This app use admob to display adds .

When the user click on the spare parts in MainActivity user will go to the car type selection

Used Libraries :

picasso:2.5.2 to handle the loading and caching of images , Google design:28.0.0 to get more nice UI , and play-services-ads:15.0.1 to display adds in the application .

Next tasks :

-Task 1 : Create new project :

- Open android studio .
- Create new project and call it 'Mr Piston'.

-Task 2 : Build UI for each screen :

- Go to activity_main.xml and design the UI for first page.
- Open MainActivity.java and set your logic that will interact with the UI .
- Repeat the previous two steps for all activities in the app .

-Task 3 : Setup Firebase :

- Open firebase site .
- Create new project .
- Follow the instructions to connect your app with firebase
- Use FirebaseStorage , FirebaseReferance , and FirebaseDatabase to send and retrieve data from firebase .

-Task 4 : Setup google ads :

- Open google play for developers .
- Follow the instructions to add ads in your app.

-Task 5 : Implement the widget :

- Set up the app widget project .
- Create the app widget layout.
- Add app widget updates and actions.

-Task 5 : Use AsyncTask :

- Create new java class to extend AsyncTask class.
- Handle this java class to wait 3 seconds until get the data from firebase in the available items activity .
- Use this class constructor in the available items class to show the progress bar in the UI .