

# Assignment for Jio Games GUI (Graphical User Interface)

Here I have added description about design what I have done:

In First screen, I have taken ViewPager and RecyclerView with Carousel for Horizontal and Vertical Scroll view.

ViewPager: ViewPager allows user to flip left and right. Inside a scrollview, I have created simple Carousel, so we can scroll horizontally.

RecyclerView: In our app, we want to display a scrolling list of images with text, so I have used RecyclerView for it. It is more advanced and flexible version of ListView.

For that, I have used library – gravitysnaphelper, which is providing snapping support during scrolling to start, top, end or bottom using GravitySnapHelper class.

Using this Library, we can scroll images with Title.

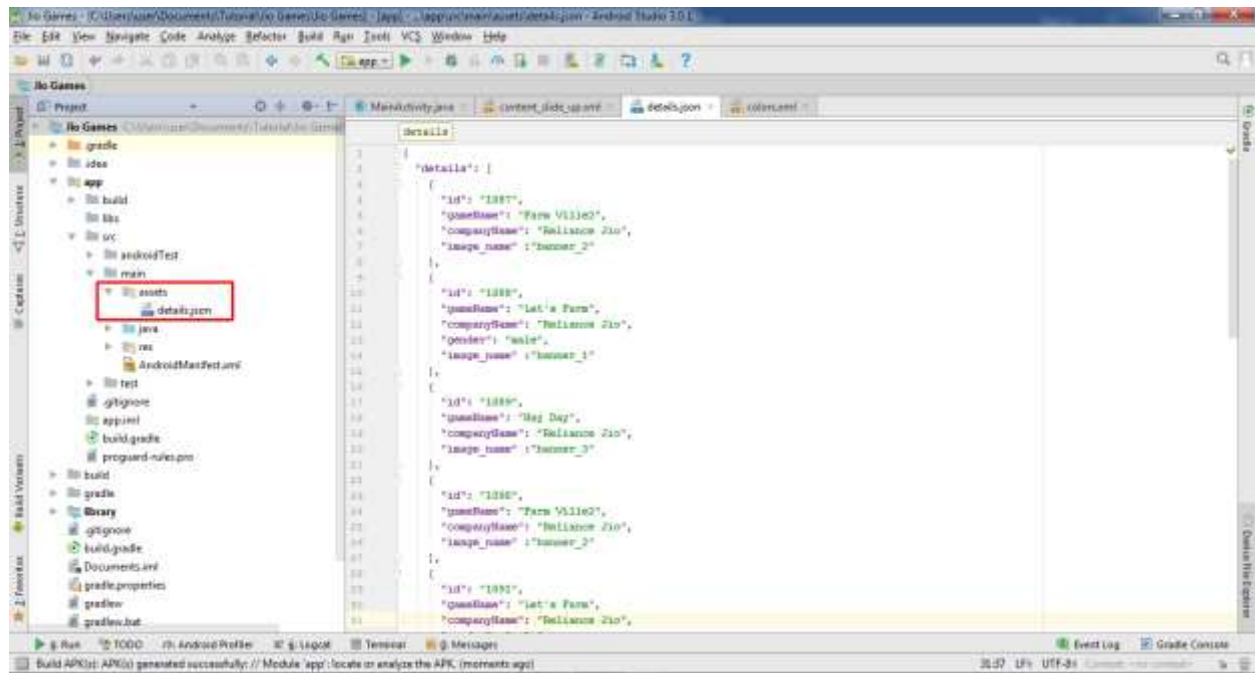
I have created Navigation Drawer and Action bar to display options like Search, View & Highlight.

To display data and image, I have created file 'details.json' and stored it into assets folder. I am fetching data and images using JSON.

In Second Screen, I have used Slide Up Bar and I have used library 'slideuphelper'. It allows me to add slide effect on view in Bottom. I have customized a view as well.

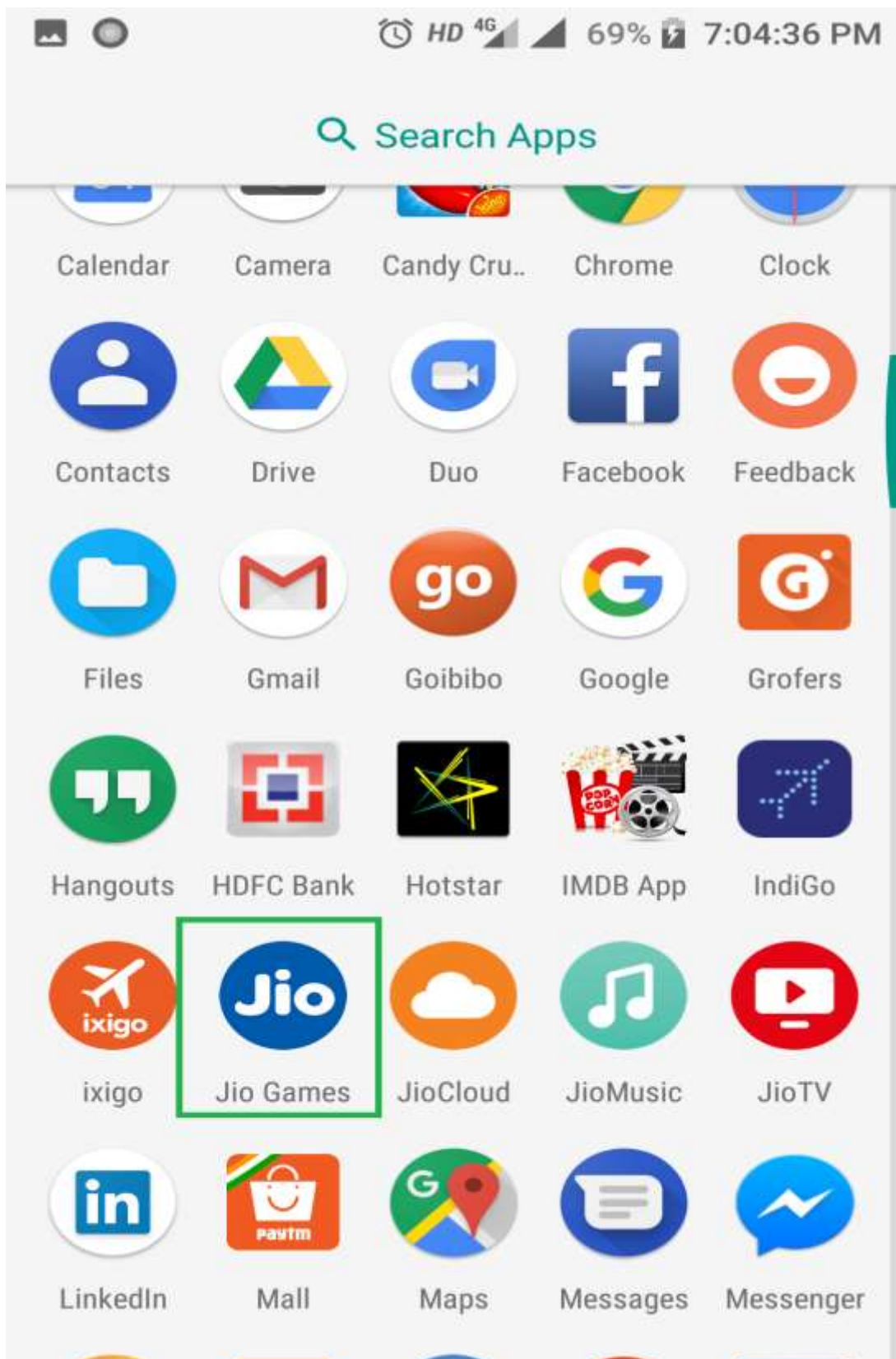
I have added all screenshots which is showing how app looks.

Here is details.json, which is added in asset folder:

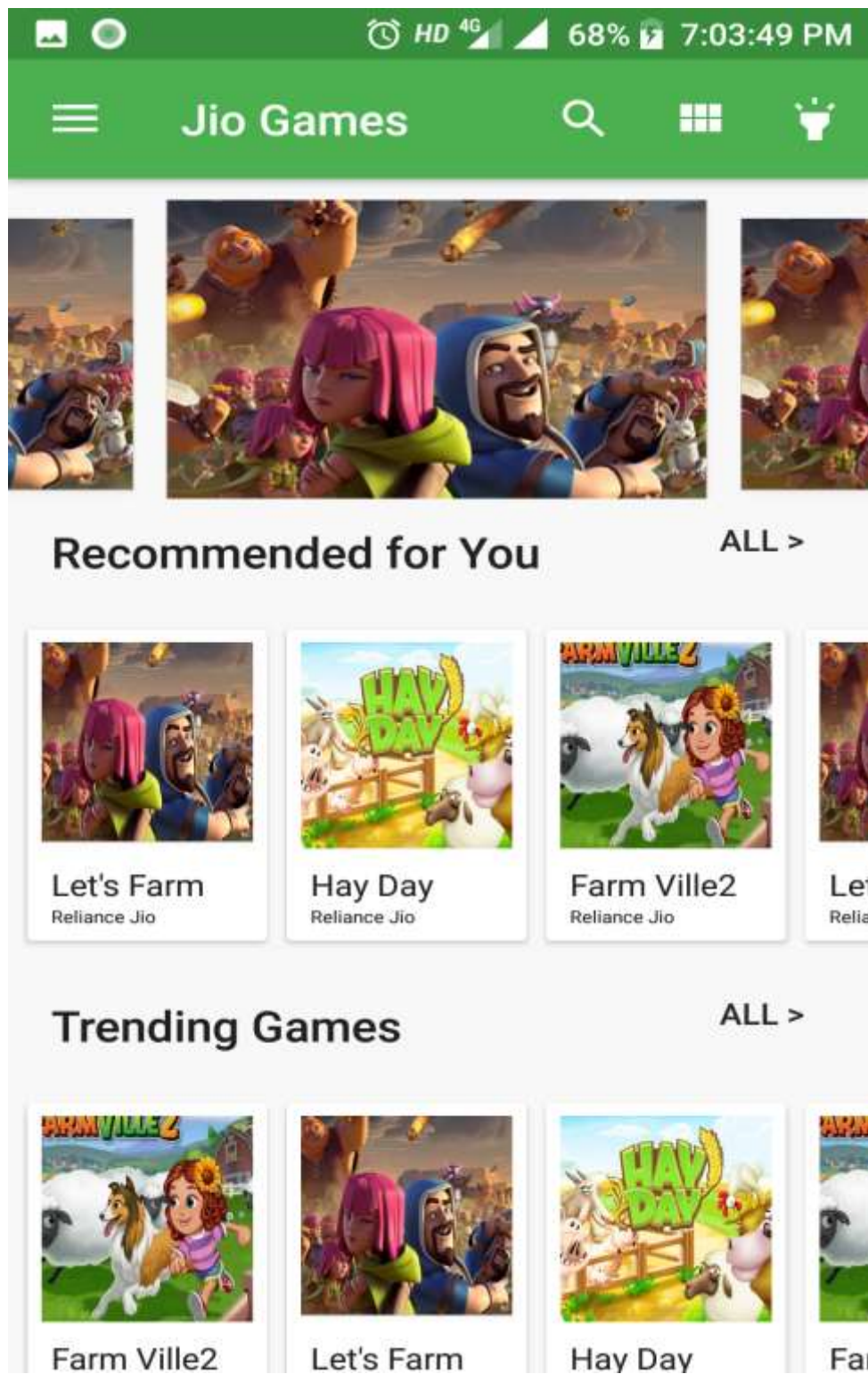


details.json

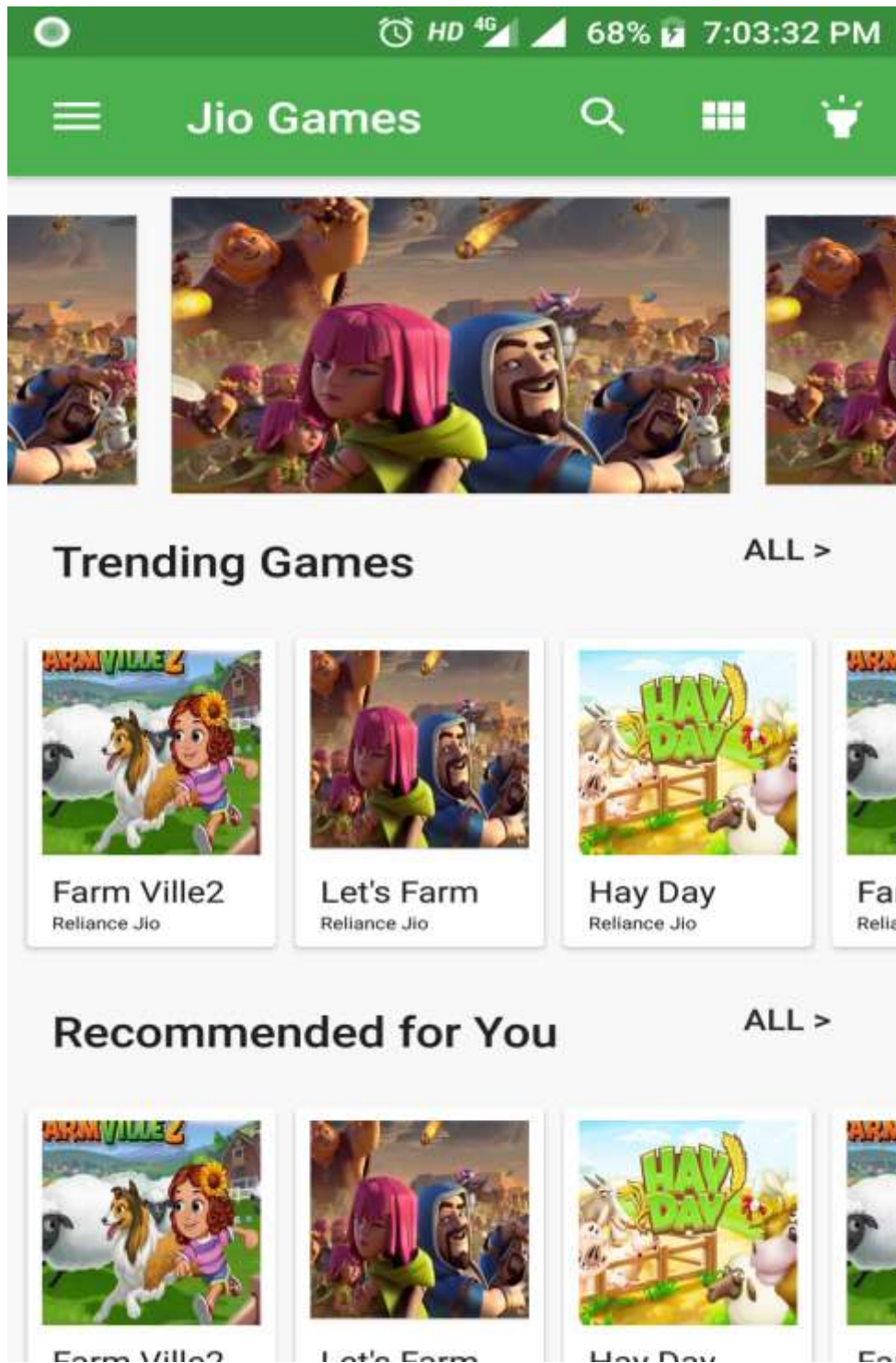
This screen is about Logo and App name.



This screen is about Main Screen.

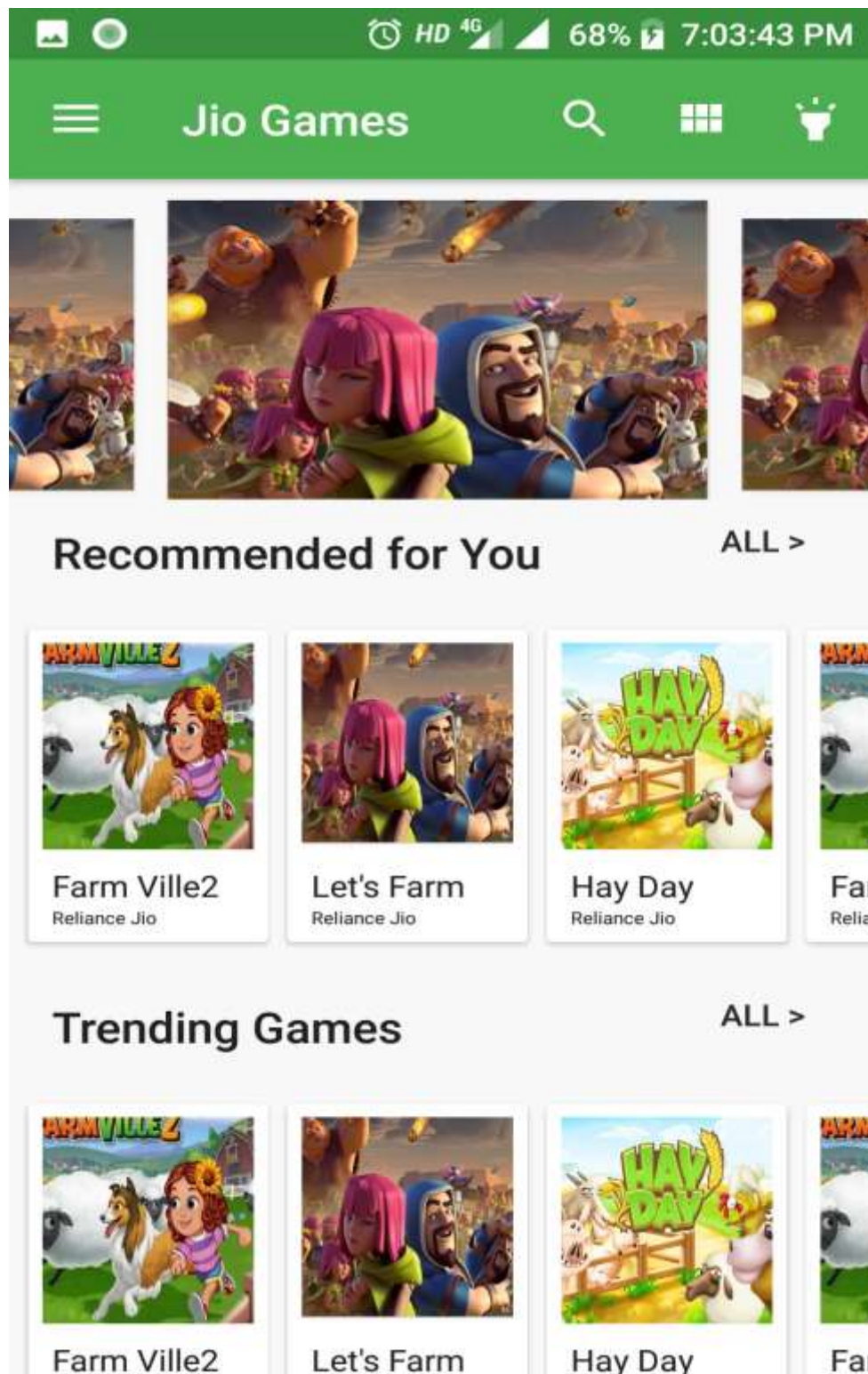


This screen is about scrolling Horizontal Scrolling.

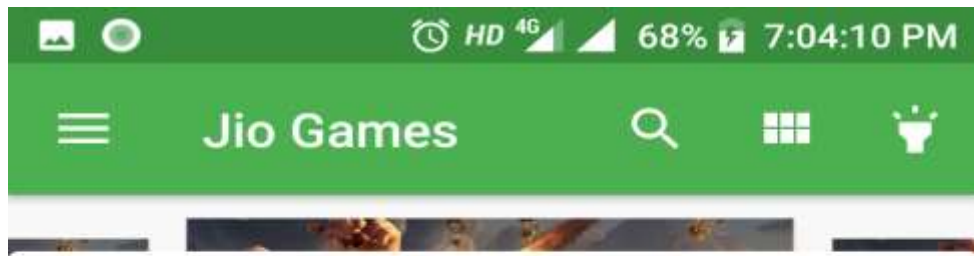




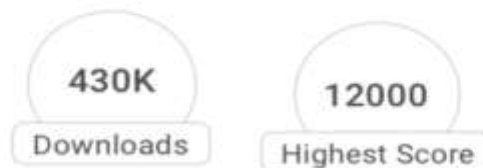
This screen is about Vertical Scrolling.



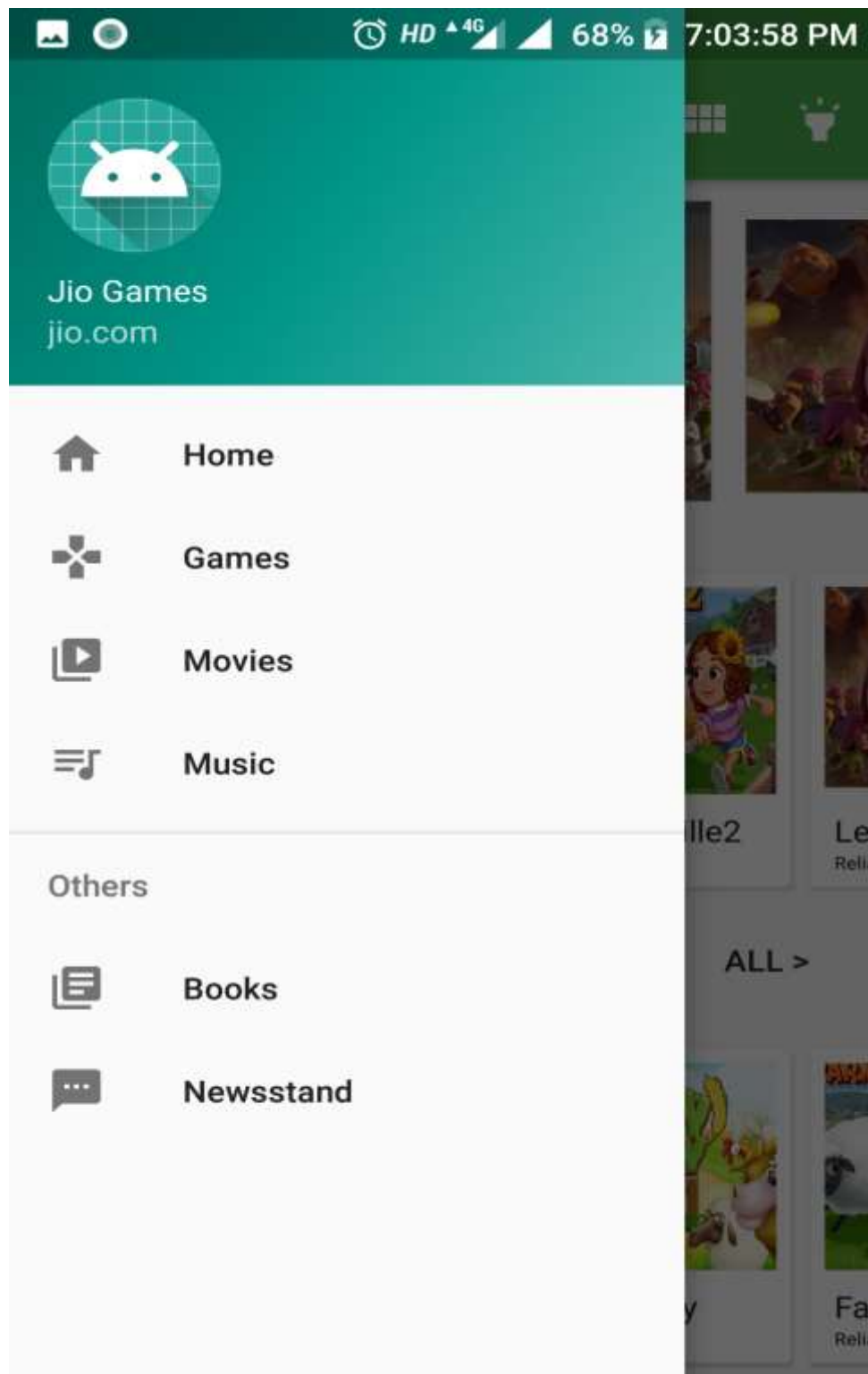
This Screen is about Slide up bar, which is opening in the same screen.



Join Millions of players worldwide as you build your village, raise a clan, and compete in epic Clan Wars.! Mustachioed Barbarians, fire wielding wizards, and other unique troops are waiting for you.



This screen is about Navigation Drawer of App.





**Conclusion:**

It was a great experience to work on this Jio Games sample app. Many things I learnt during development. I wish you would like my work. Thank you.