

Development for Increment 2 :

This page developed displays the statistical data of the user for this app.

Once the user clicks on the watched list, they would have a option to display the their statistical data depending on the genre, language, director or hero that they have watched. As a team we decided to display this data in the form of a pie chart.

This page would also display a share option where in the user can share their data, that is the respective pie chart figure that they desire.

List of tasks implemented to develop this module of a statistical data display through options such as genre, language, director or hero.

- 1) Designed a page that would display the data of the kind of films or trailers watched by the user in the form of a pie chart.
- 2) From the MainActivity.java class, I have fetched the related values in order to display that in the form of a pie chart.
- 3) In order to display charts, we can use AchartEngine library available in Android or we may also use Google charts API. I have used the library for our application.
- 4) I have also implemented animation to the pie charts. To accomplish this task, I have used nineoldandroids maven library and integrated that through the manifest file. I have made the necessary changes for a good UI.
- 5) The user on clicking on a specific slice of the pie chart, its reference will be displayed allowing it to be more user friendly.
- 6) I have used "android.graphics" to complete all the dependencies required.
- 7) The logic to calculate the data needed and to display that diagrammatically in a animated form has been implemented.

The page consists of a :

- 1) Drop down box :
 - Genre (default)
 - Language
 - Director
 - Hero
- 2) Button to display the chart
- 3) Share Button
- 4) Pie chart

All the appropriate details have been fetched and displayed in order to view a complete statistical analysis.

Below are some of the screenshots as we run this page.

(Tried to cover the screenshots covering :

App icon

Animation

Default display

Pie chart display

On click of every option in drop down list)



23:32

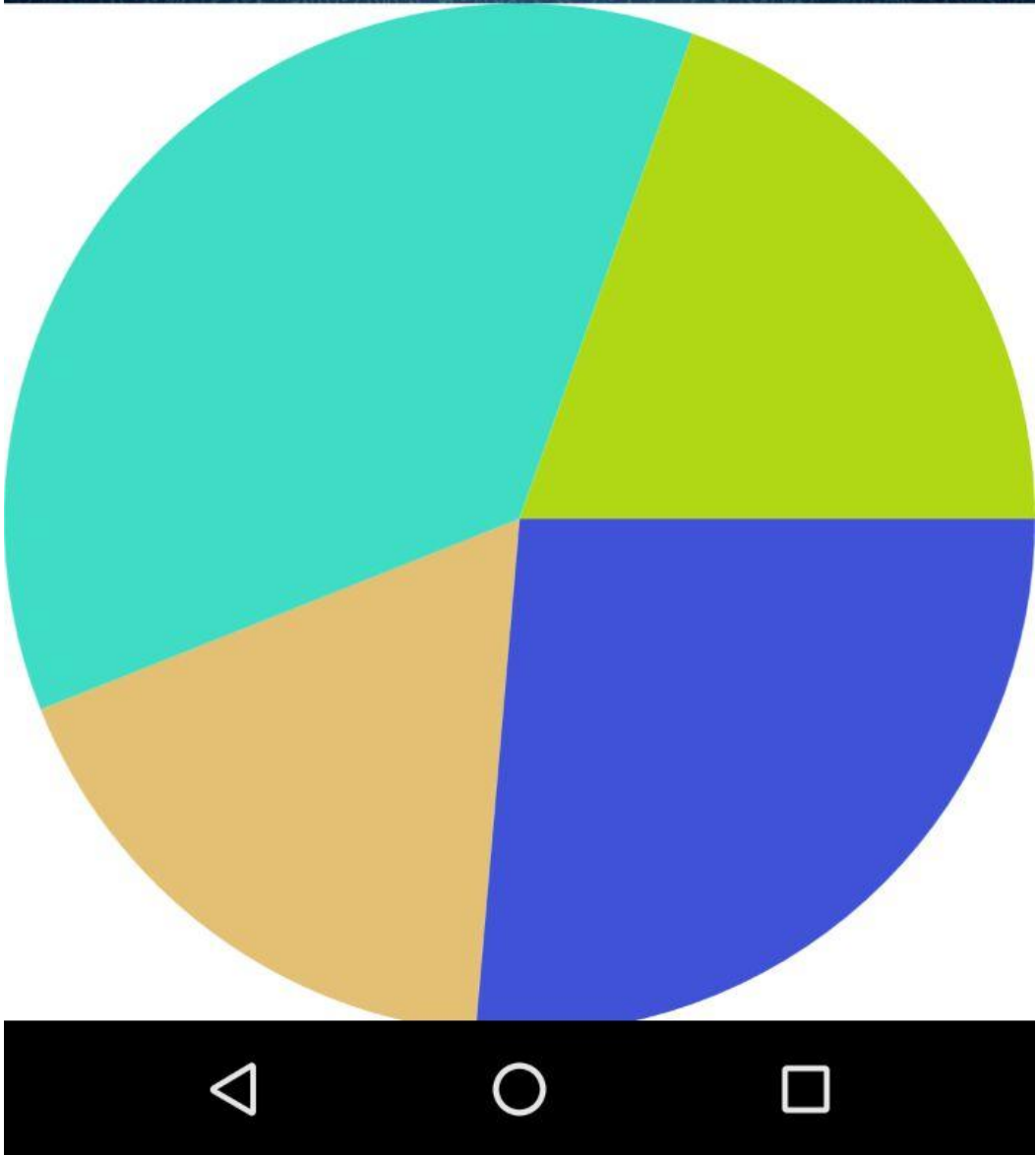
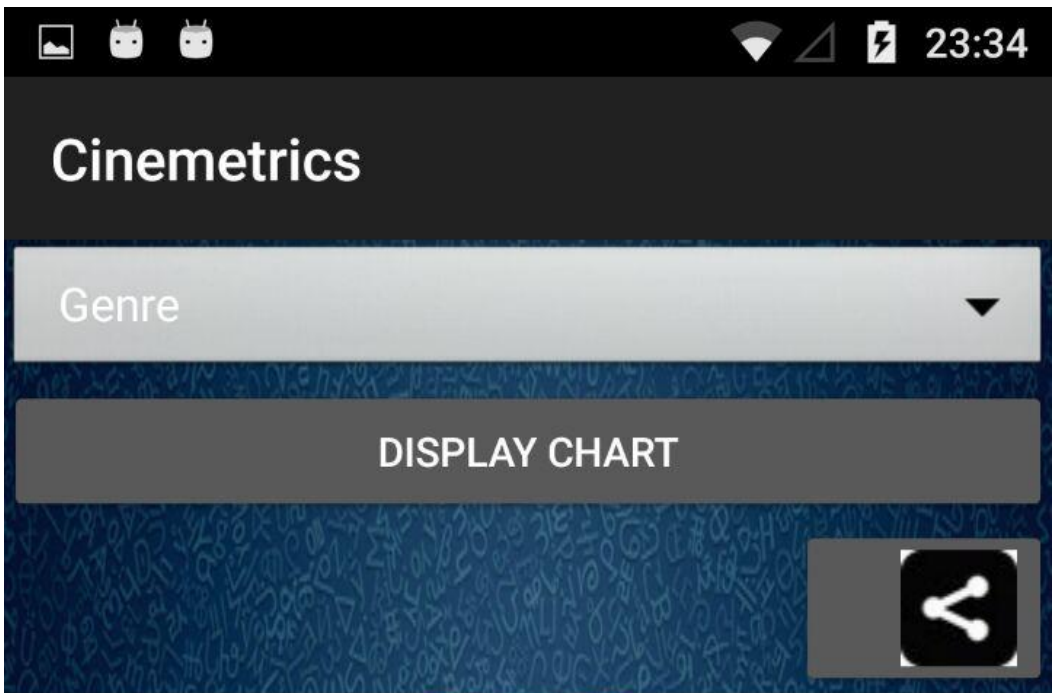
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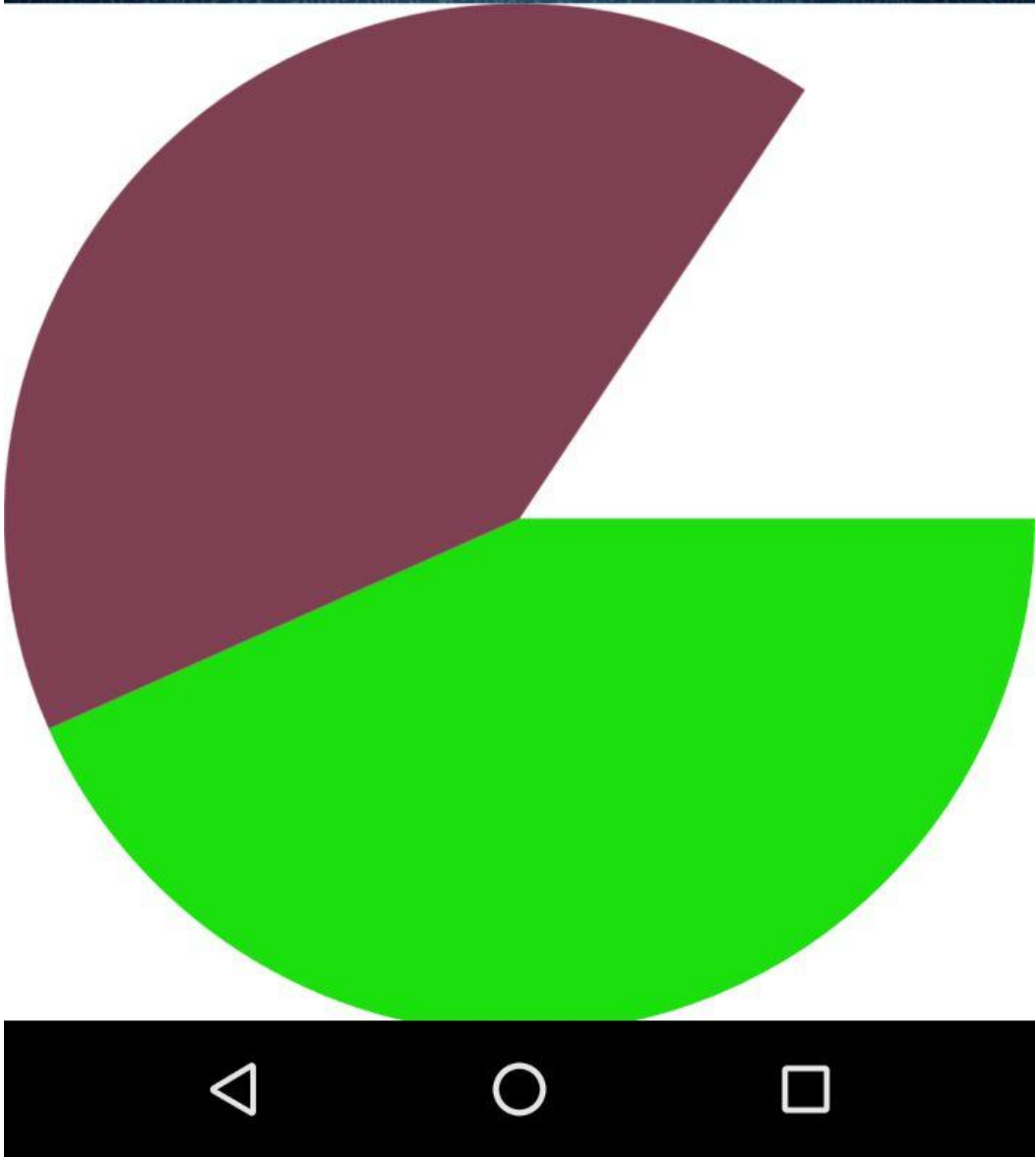
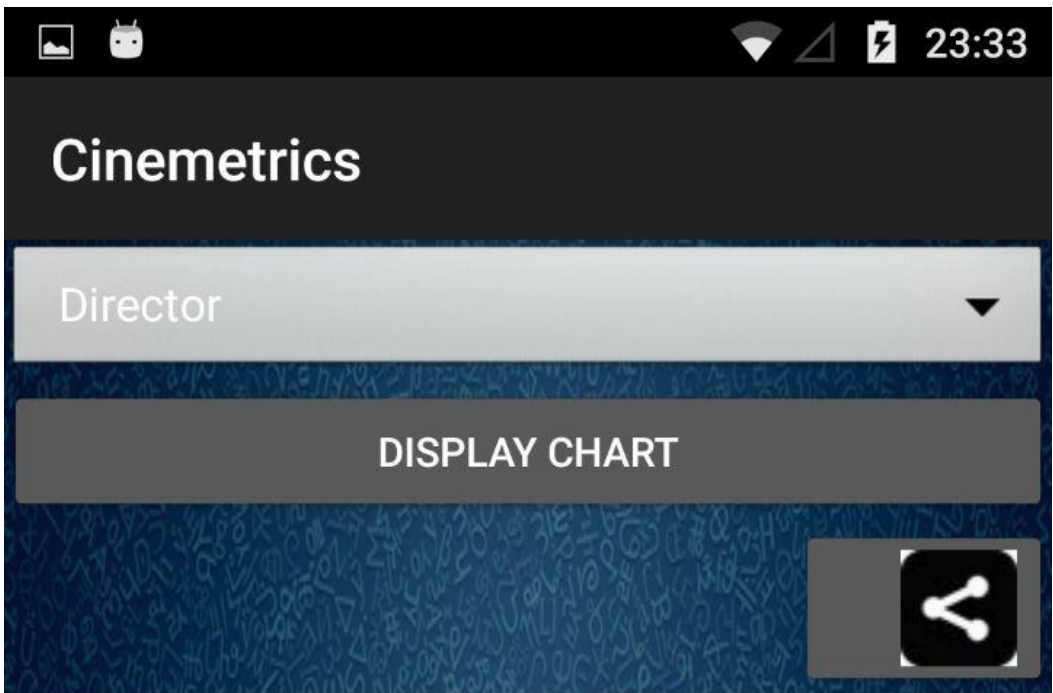
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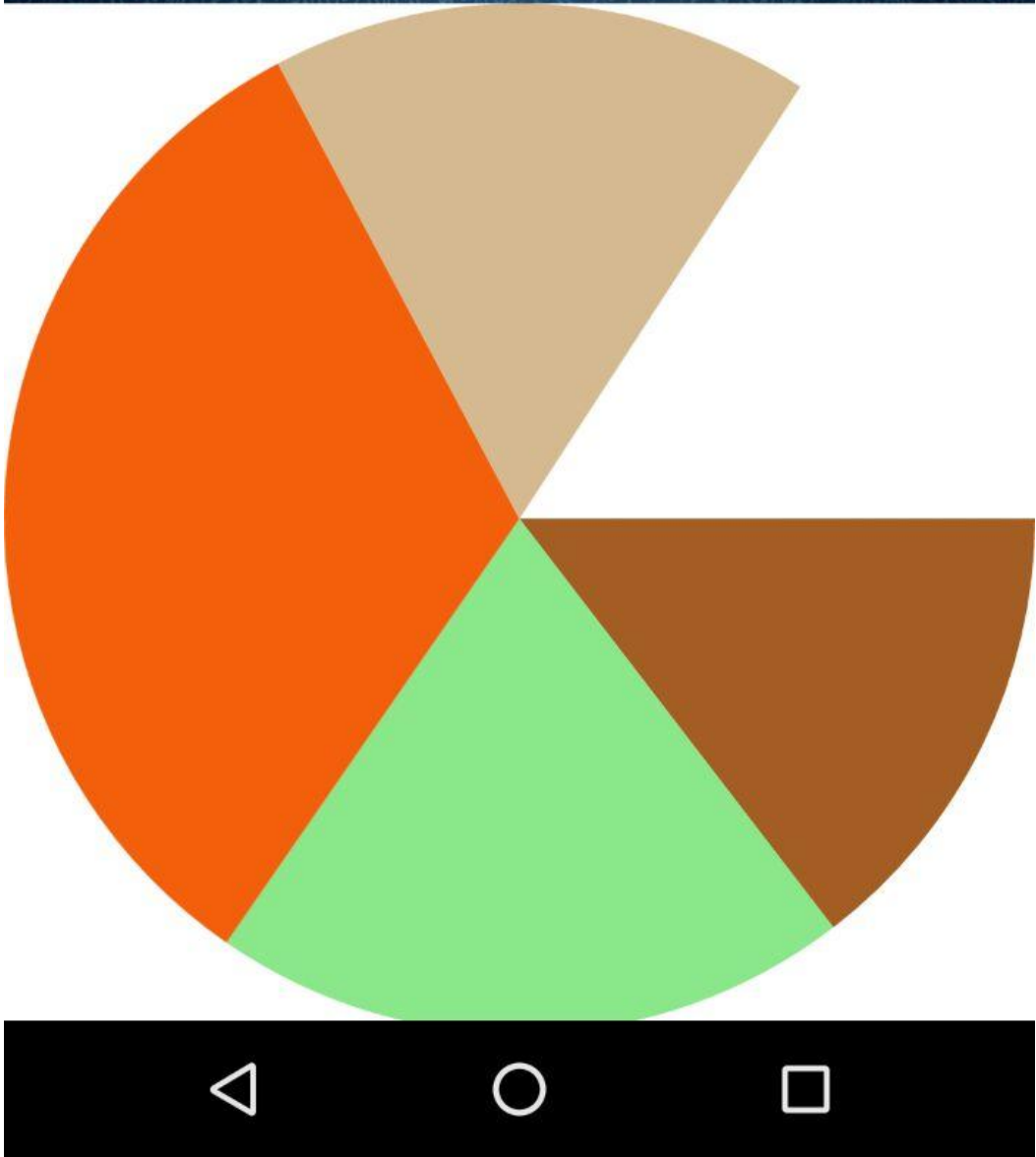
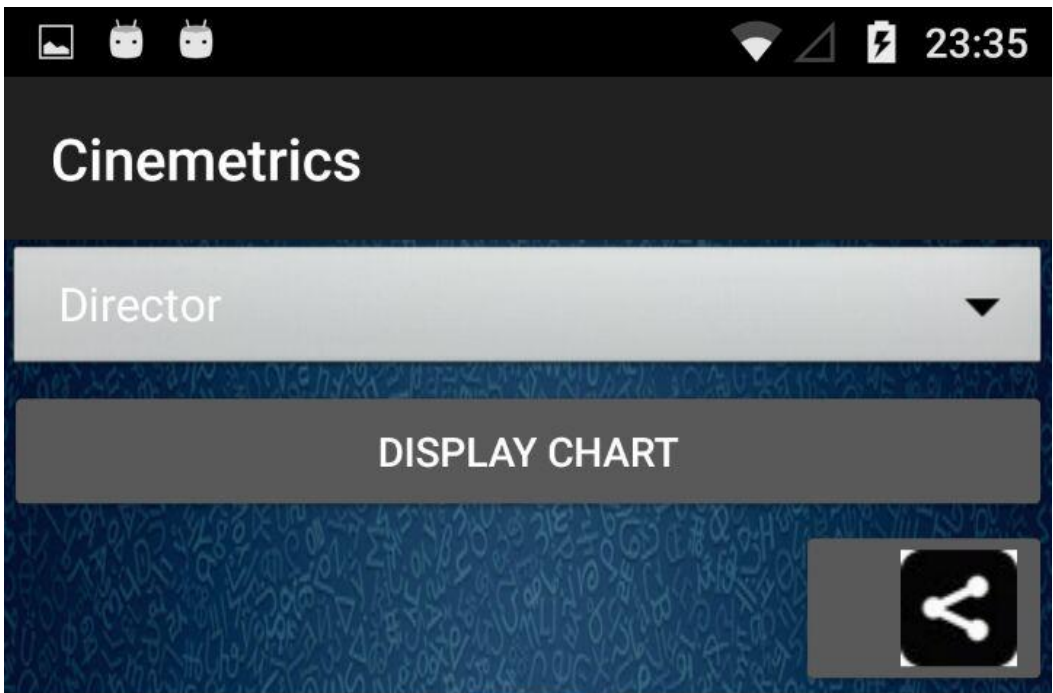





DISPLAY CHART















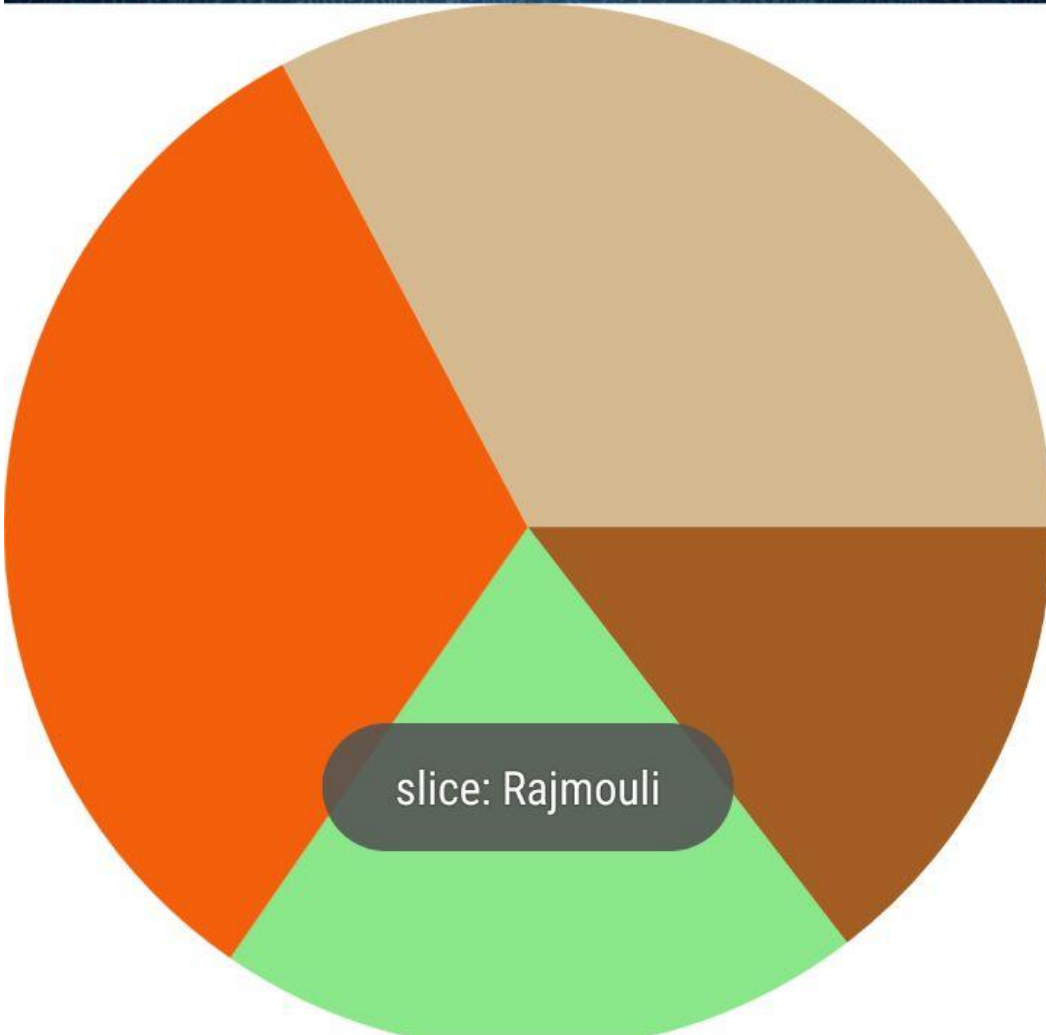
23:35

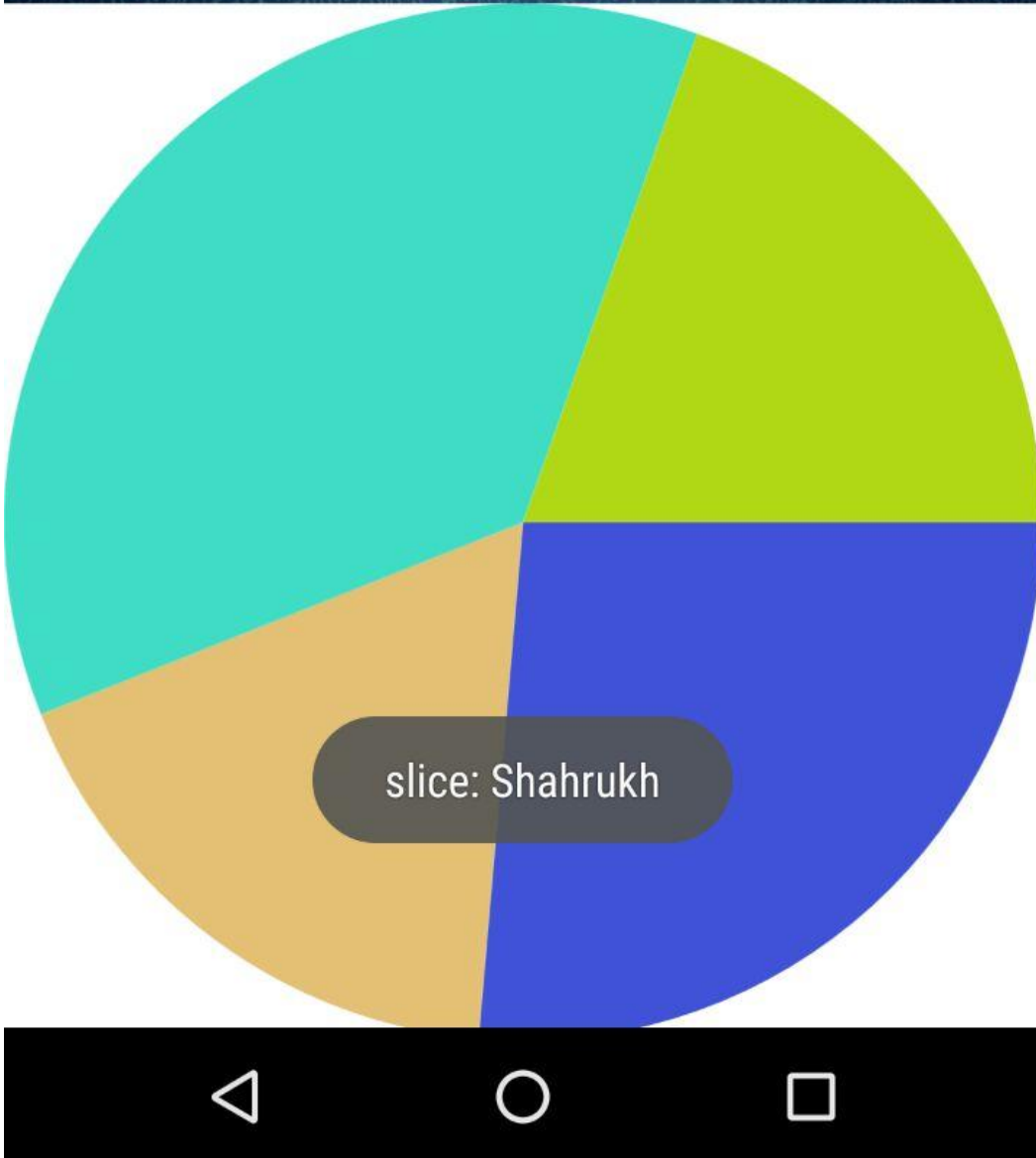
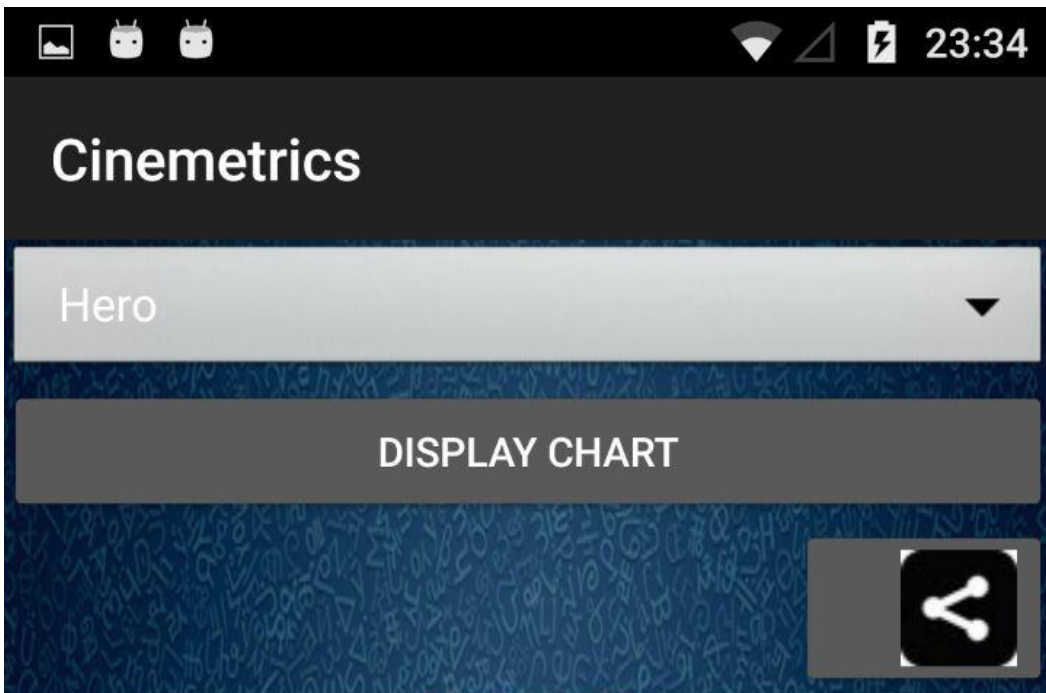
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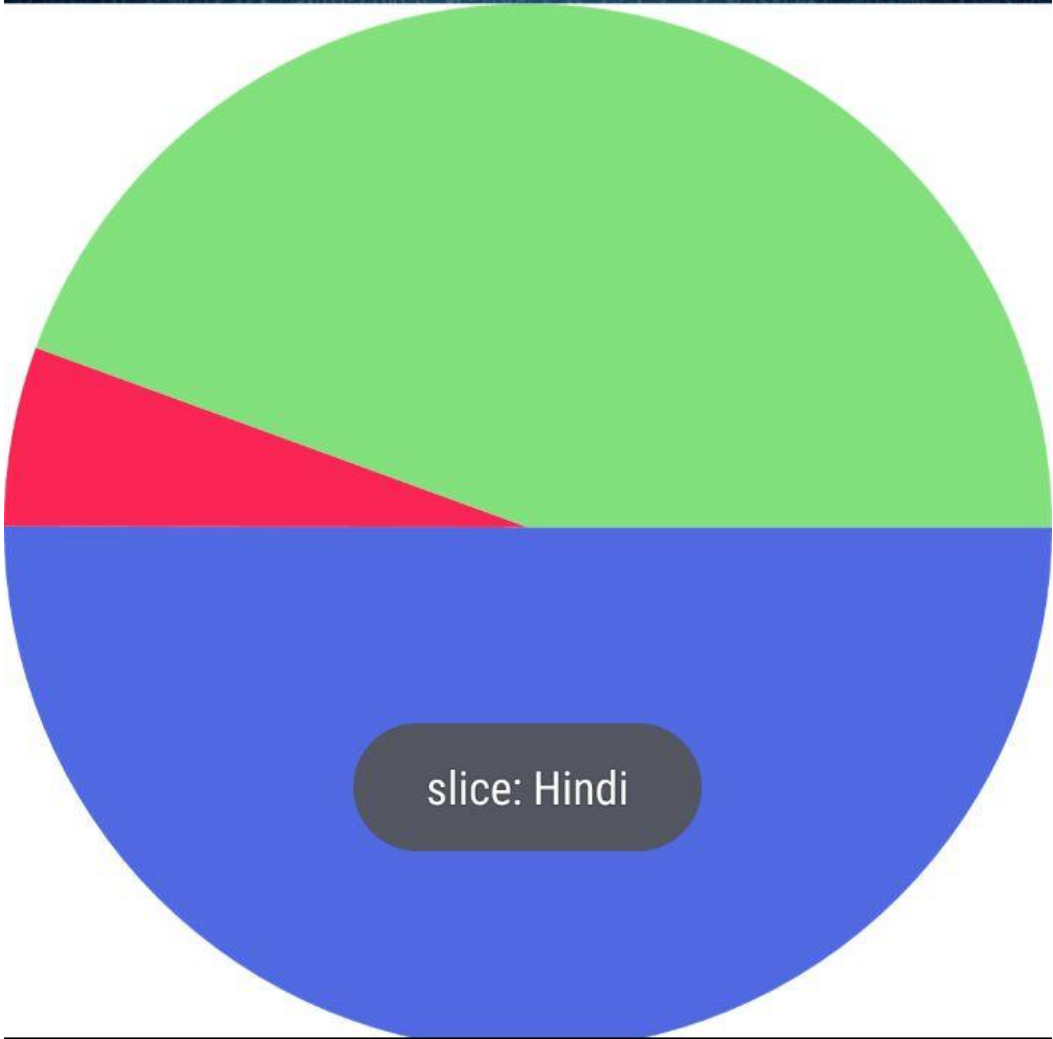
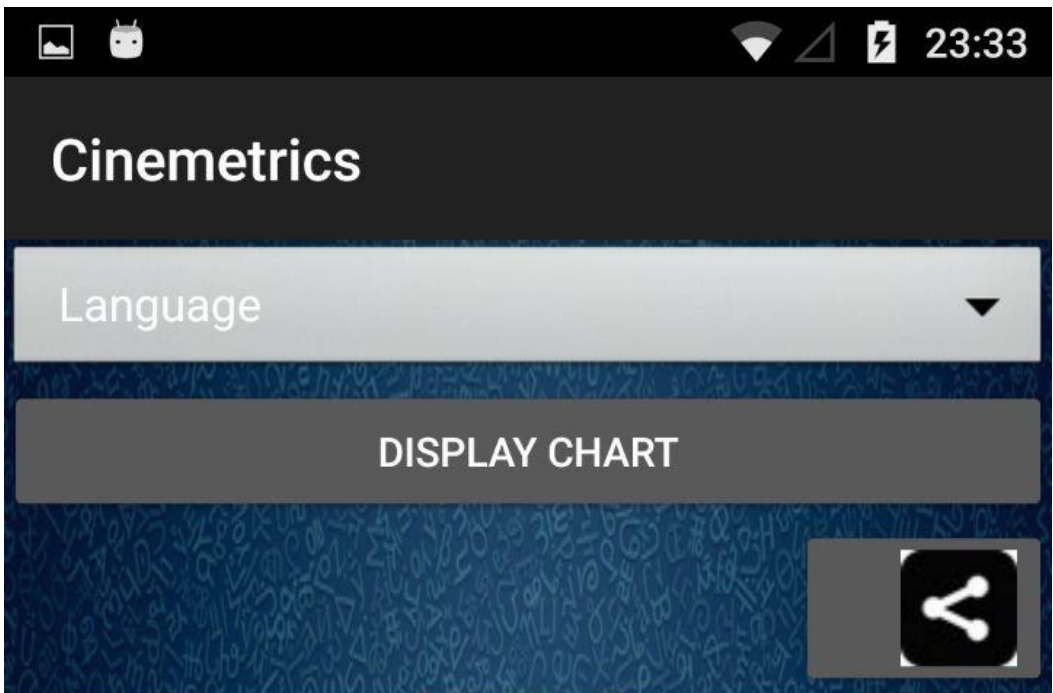
Director ▾

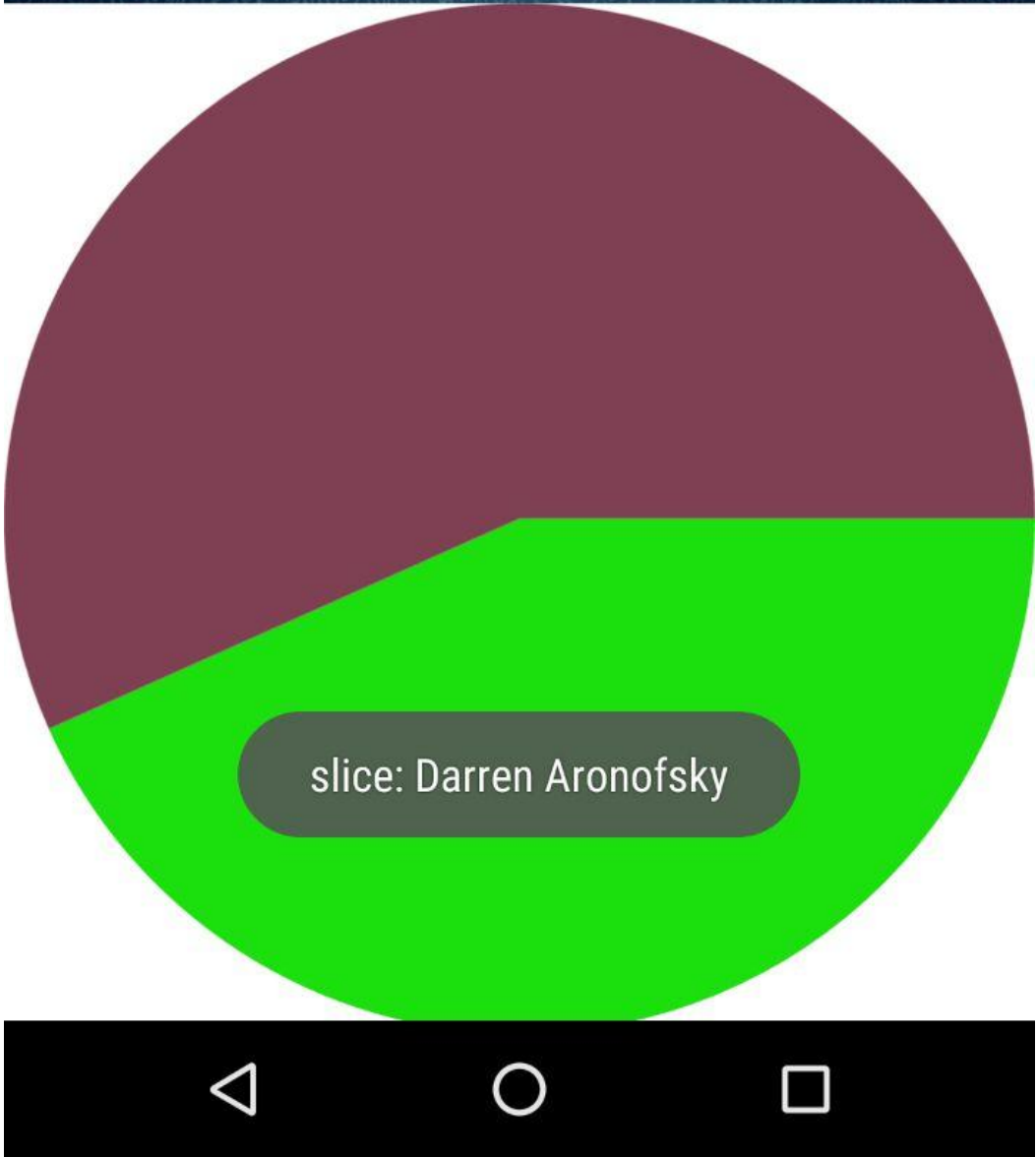
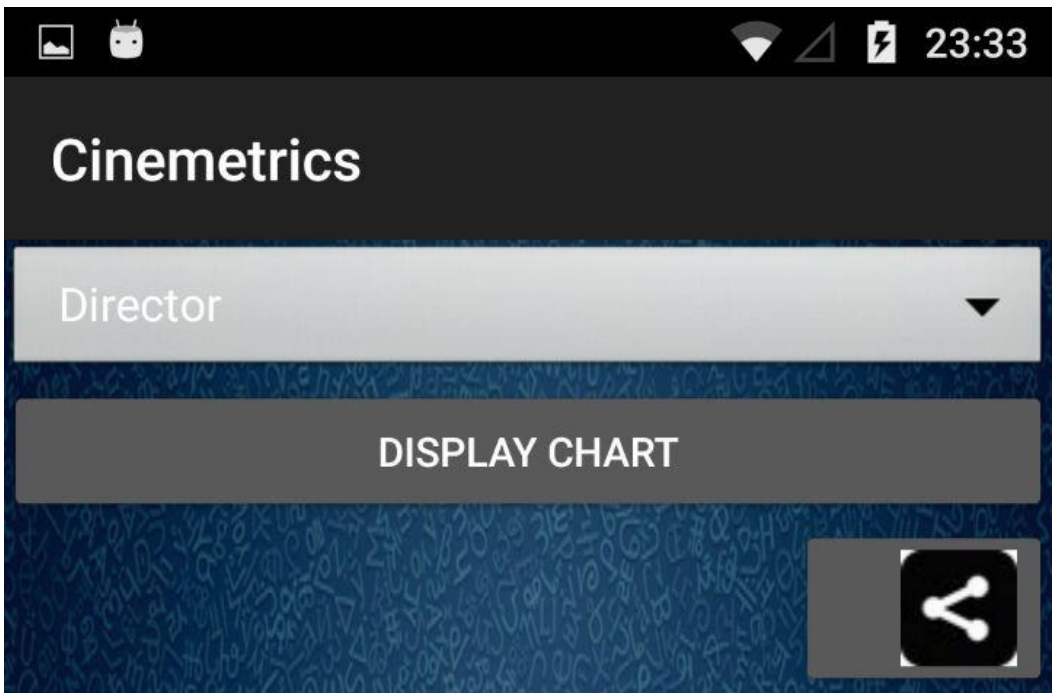
DISPLAY CHART

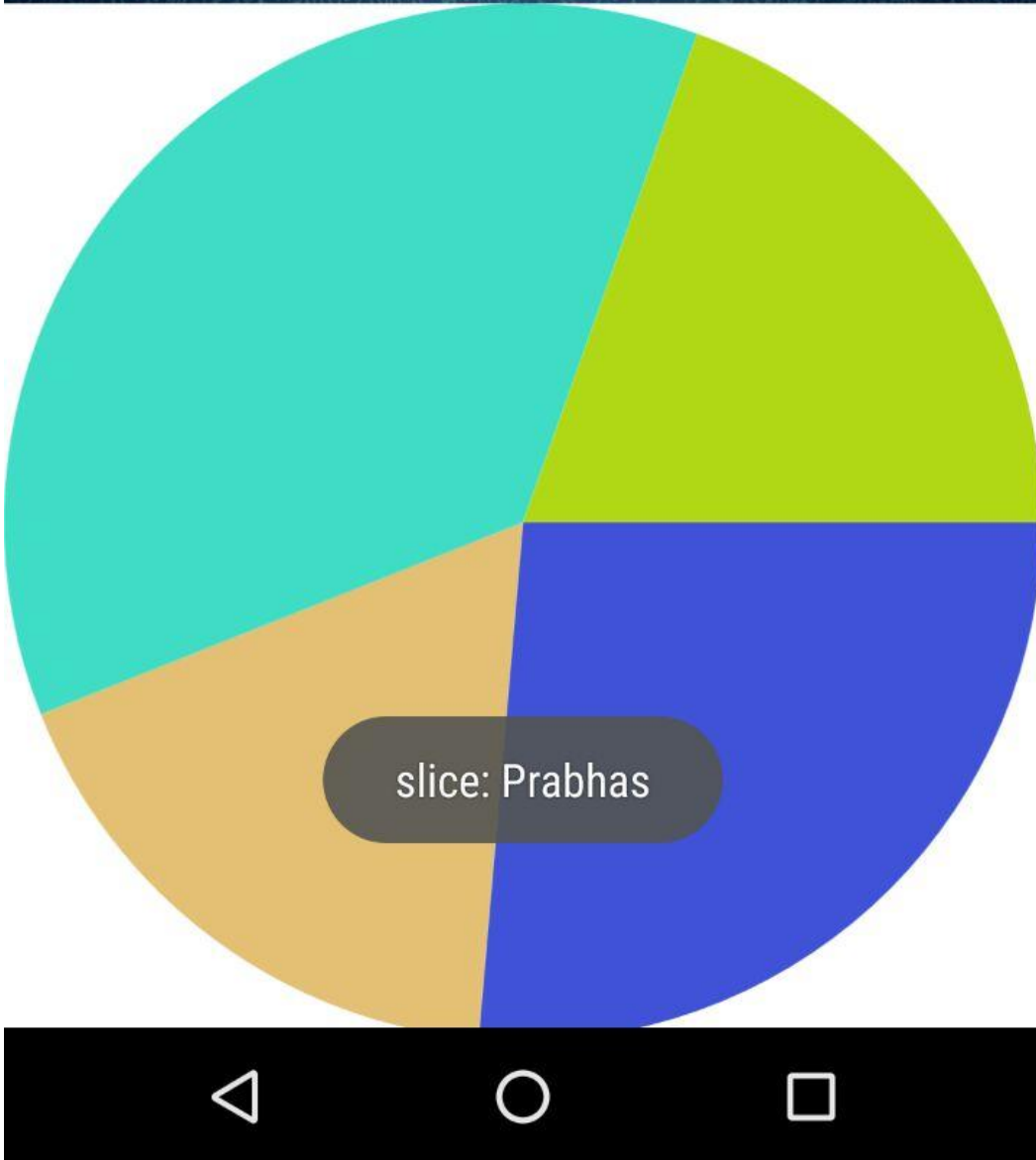
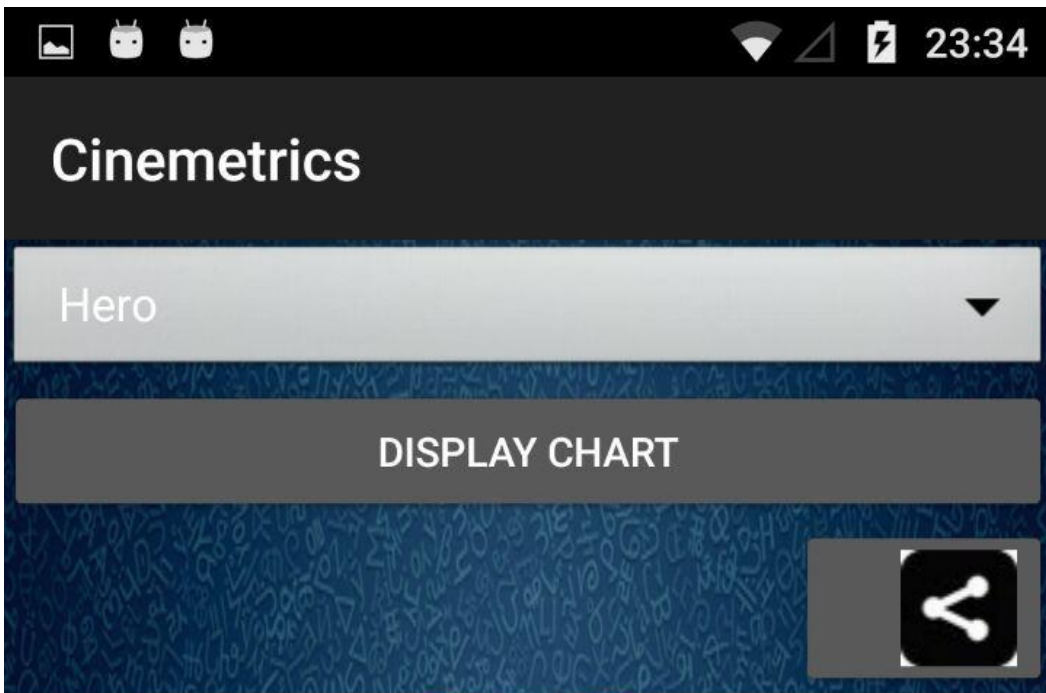














23:34

Google



Cinemetrics








Hero




DISPLAY CHART





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Cinemetrics

Genre 

DISPLAY CHART

