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## Inspire Me

### Description

A well phrased quote or saying can bring a smile on anyone's face. It can feed fodder for our minds to ponder as well as provide some realizations, thereby motivating us.

Inspire Me is a simple app which shows famous and inspirational quotes based on a wide variety of subjects. It has a great collection of quotes which can brighten one's mood, inspire one to fight back all odds and succeed in life or simply enlighten one's mind.

### Intended User

This app is a general purpose app which can be used by anyone – be it to get much needed motivation and boost of morale in life or for just broadening the horizon of knowledge.

### Features

- Shows the list of categories for quotes

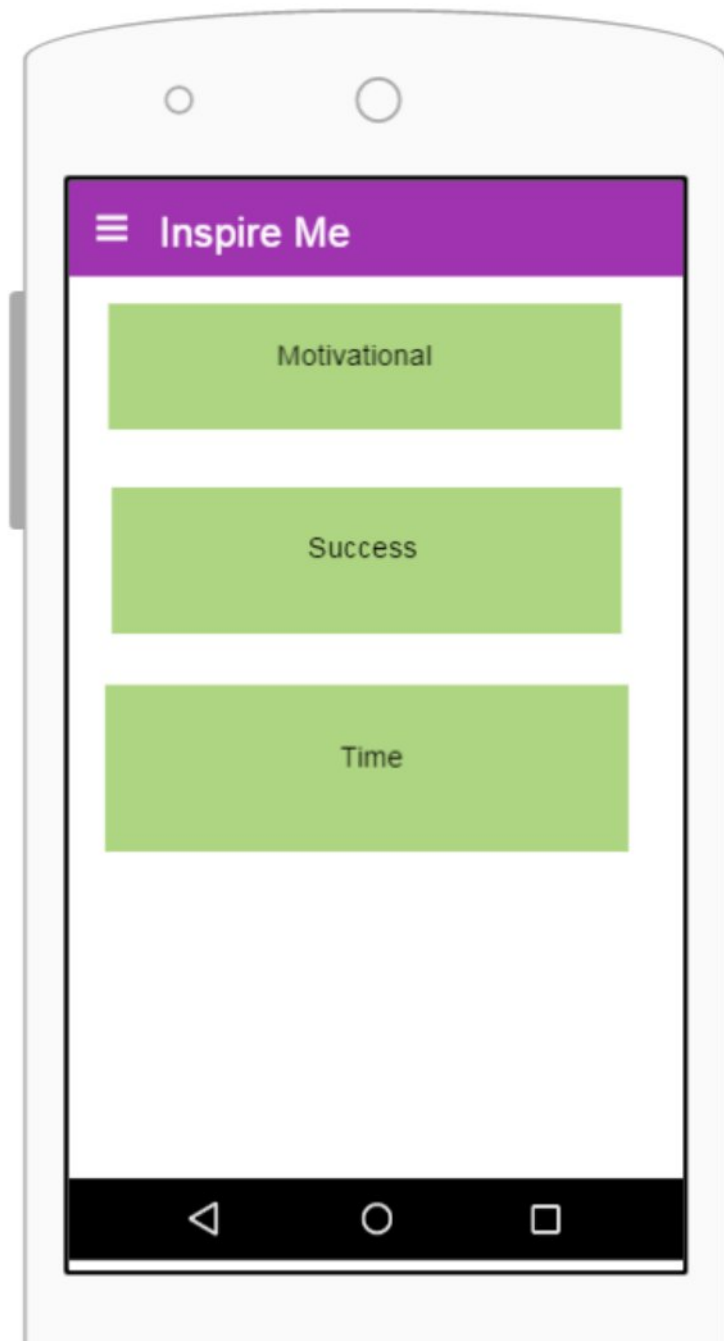
- Shows a list of authors
- Displays the list of quotes depending upon the category/author selected
- Allows the user to mark quotes as favorites
- Allows the user to share any quote
- Displays the quote along with the author name

## User Interface Mocks

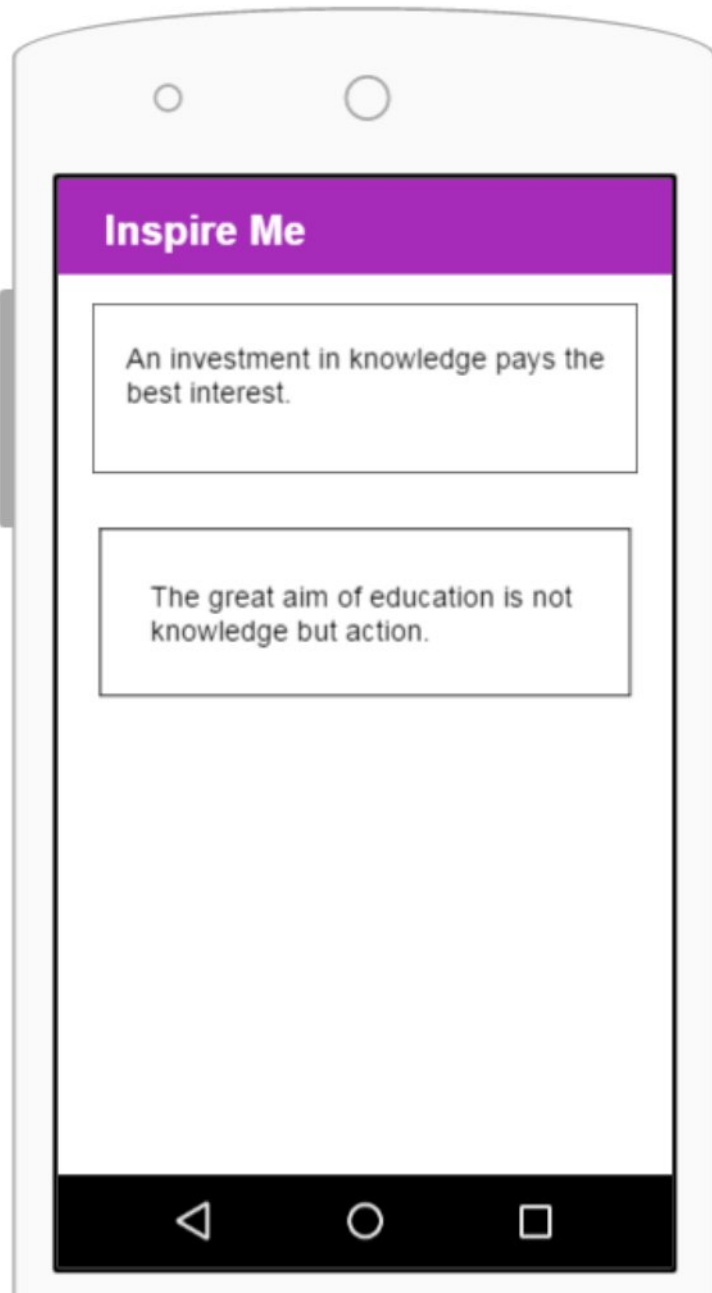
### Screen 1



The home screen of the app will have a navigation drawer which will contain the options of Categories, Authors and Favorites. On selecting the category, the main screen will get refreshed and display the list of categories/authors.

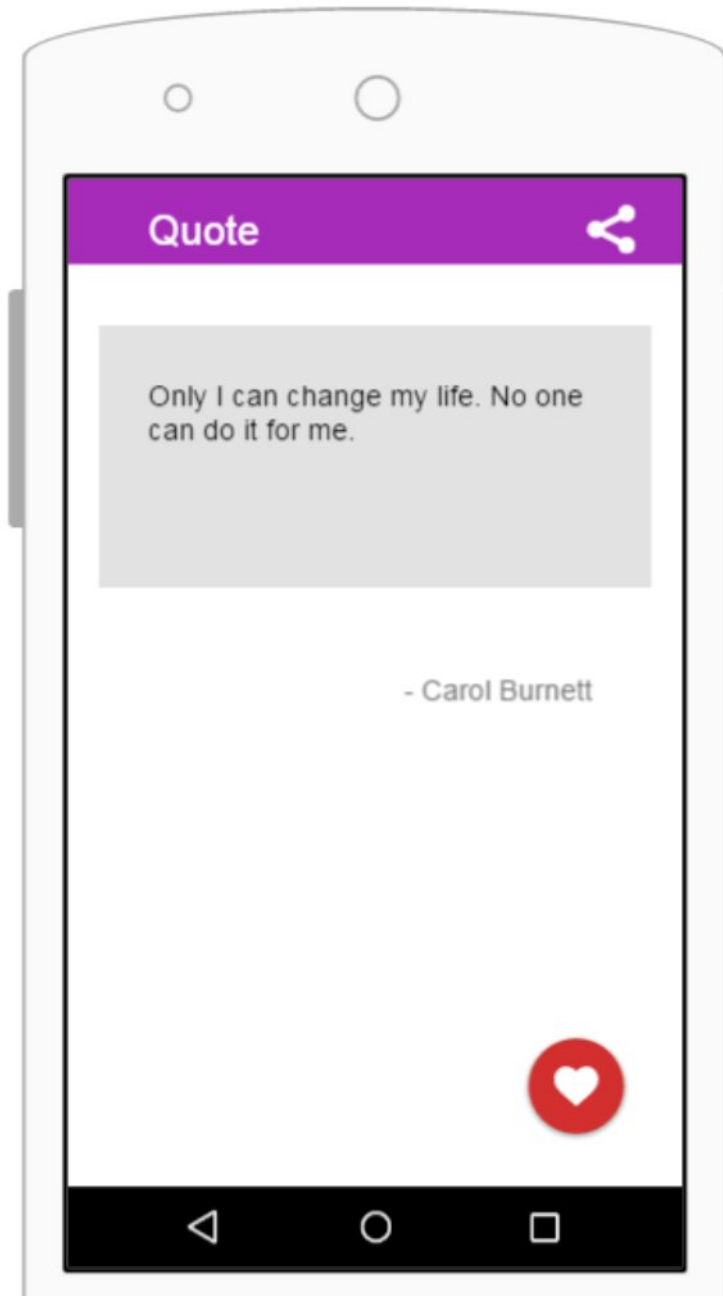


## Screen 2



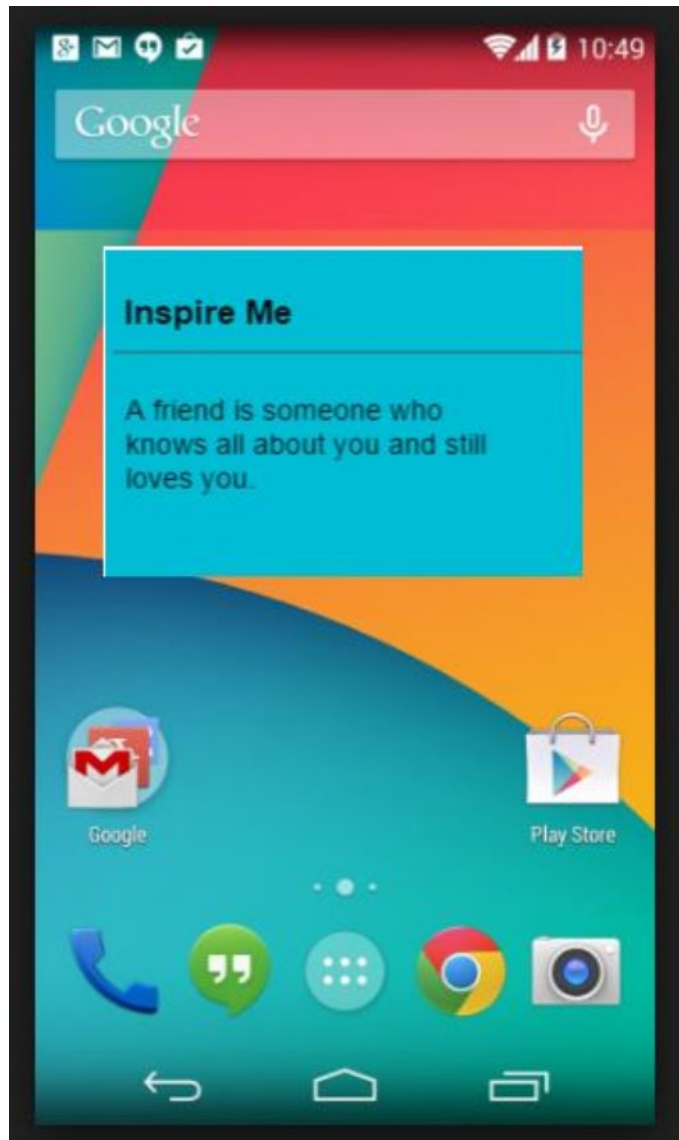
On selecting a particular category or author, the quotes screen will display a card view of quotes pertaining to the selected category/author.

### Screen 3



When a quote is clicked, it opens up the quote in this detailed view. It has the quote along with the author's name. It also has a floating action button to mark the quote as favorite.

## Screen 4



This is the home screen widget.

## Key Considerations

How will your app handle data persistence?

The list of categories, authors and quotes will be fetched from the Firebase database. But the quotes marked as favorites will be stored in the device itself for offline usage. They will be fetched using a content provider.

Describe any corner cases in the UX.

The app will not be changing any default android behavior.

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

- Butterknife – For binding views, as this will avoid boiler plate code
- Picasso – For loading images

Describe how you will implement Google Play Services.

Firebase will be used as the backend server. The services which will be used are:

- Real-time Database
- Crash reporting
- Analytics

## Next Steps: Required Tasks

### Task 1: Project Setup

- Gathering the quotes
- Creating the app in Firebase
- Populating the data
- Configure libraries

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

- Build UI for home screen navigation drawer
- Build UI for displaying the list of categories
- Build UI for the list of authors
- Build the UI for displaying the list of quotes
- Build UI for quote detail activity

### Task 3: Getting the data and populating it

- Developing the content provider
- Getting the data from content provider(Favorites) and populating it in the UI using Loader
- Communicating with the Firebase module using Async tasks.

## Task 4: Widget development

- Creating a widget