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## Quotes

### Description

Quotes app will provide solution for receiving personalized quotes. Since there are many apps that provide quotes but don't have the feature to select particular author or category for receiving quotes notification. Since every user have different goals and their favourite authors they need different quotes.

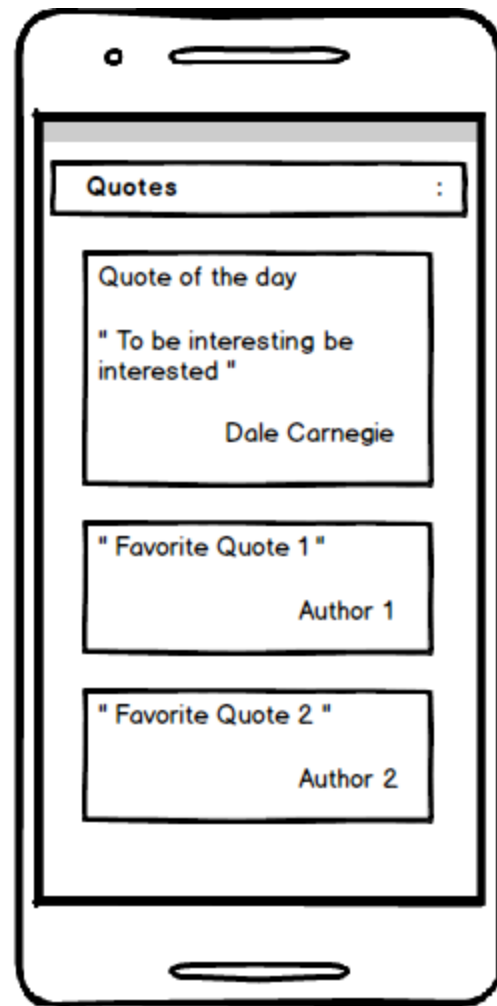
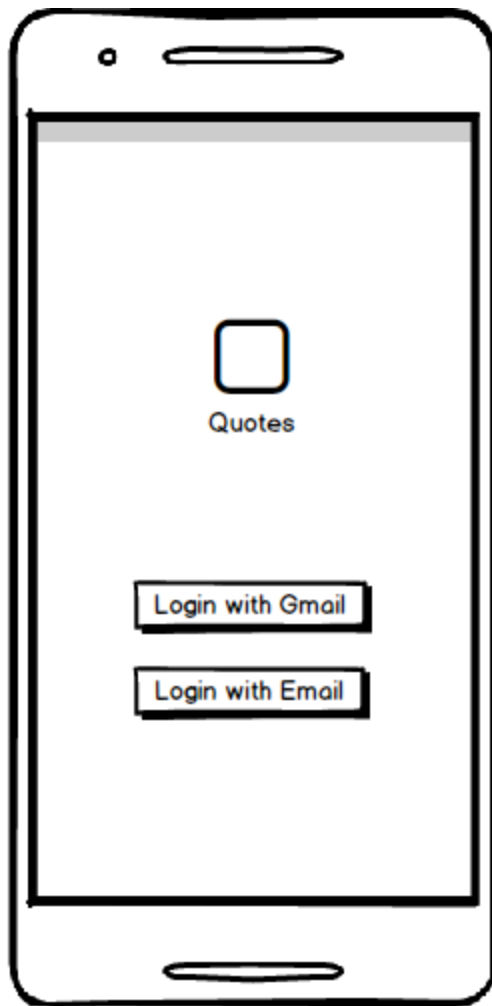
### Intended User

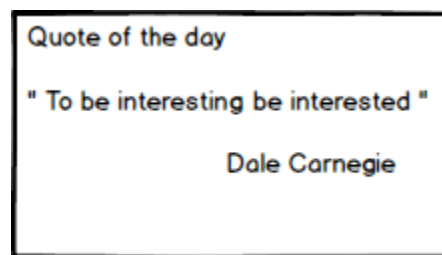
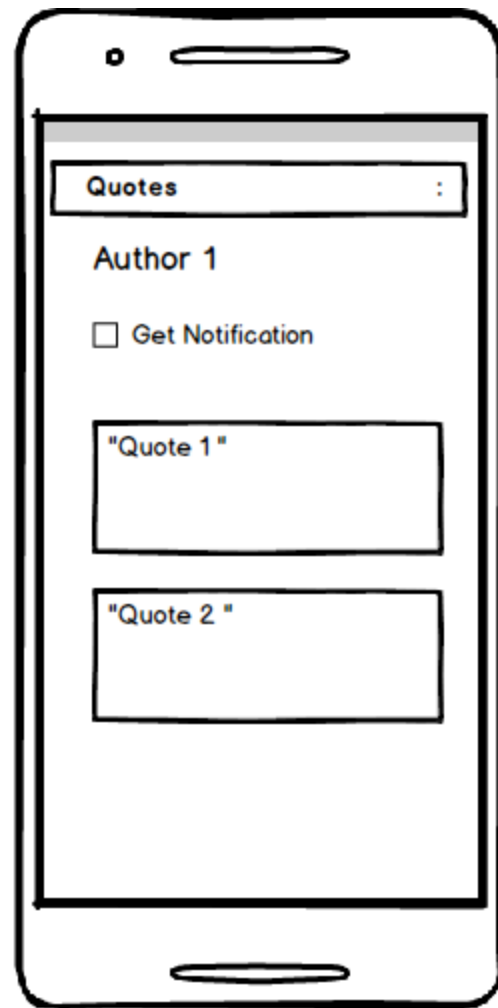
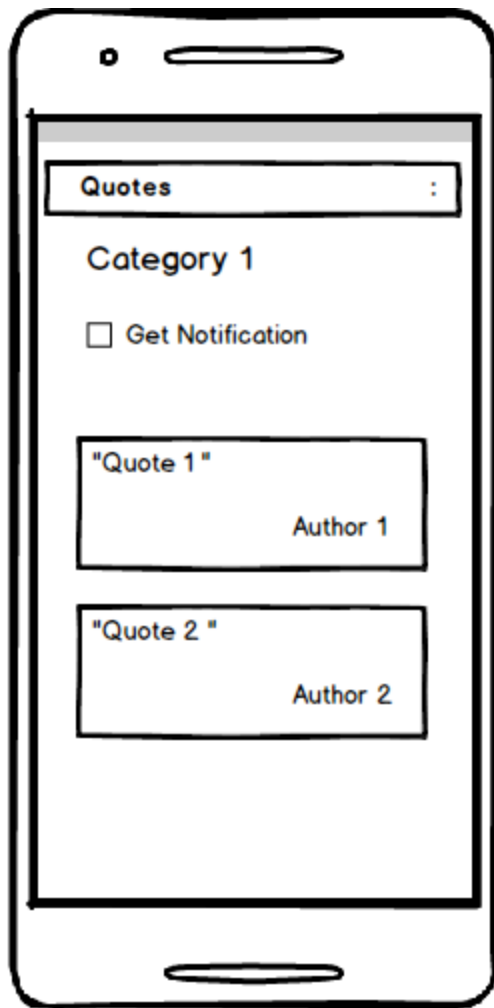
[Students](#)

### Features

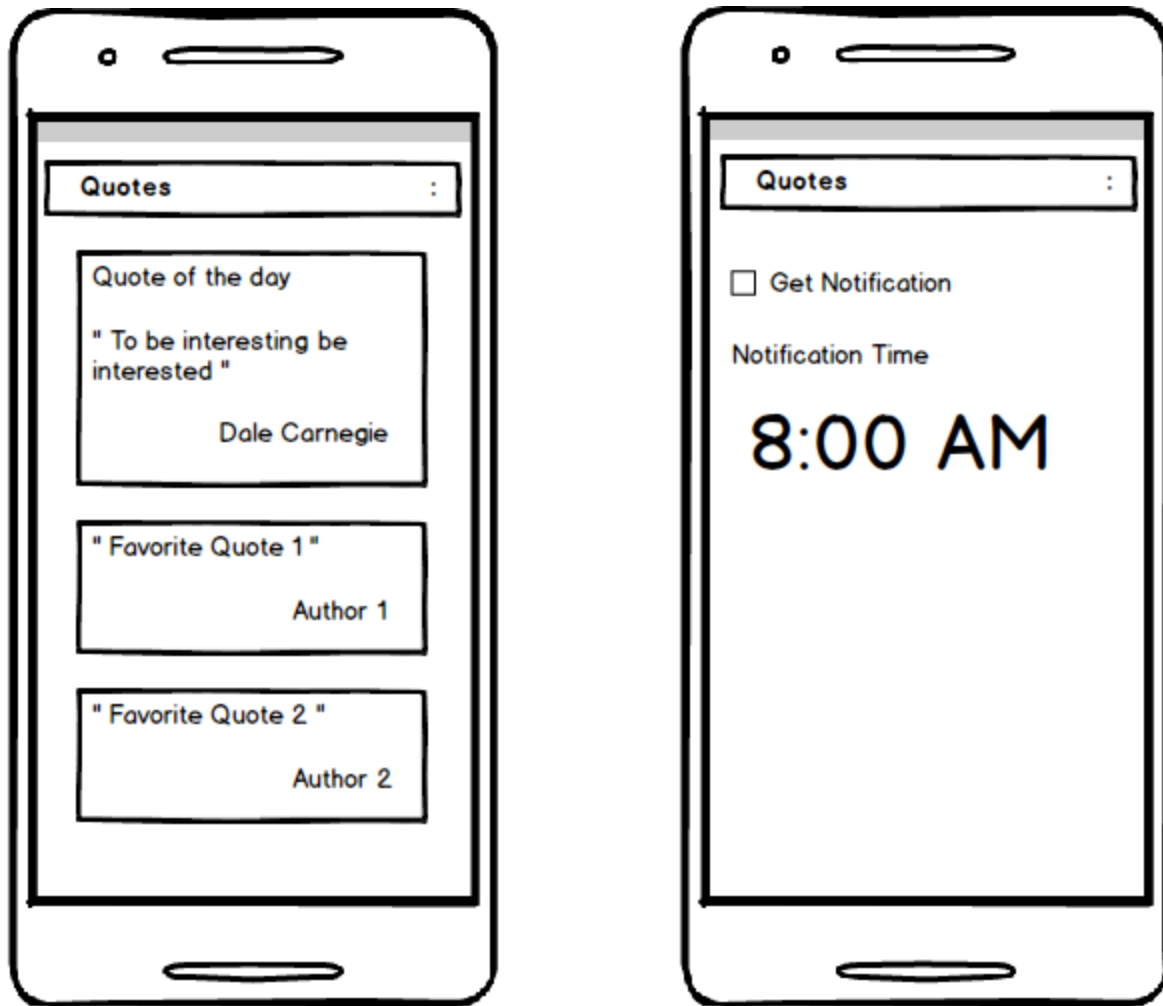
- [Mark favourite quotes](#)
- [Mark desired categories and authors.](#)
- [Receive quote notifications.](#)
- [List all favourite quotes.](#)
- [Quote of the day.](#)

### User Interface Mocks





Widget



## Key Considerations

How will your app handle data persistence?

App will use both SQLite and firebase real time database to handle data persistence.

Describe any corner cases in the UX.

When the app is in activity that is linked through options menu than that option should be removed from the menu for that activity.

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

- Firebase authentication library to authenticate users as it provides easy solution to handle UI and authentication mechanism.
- Butterknife library for finding and automatically casting the corresponding view from layout as this way is faster and easier to bind views.

**Describe how you will implement Google Play Services.**

Google Play services will be implemented by authentication through Gmail and firebase real-time database.

## **Next Steps: Required Tasks**

### **Task 1: Project Setup**

- Configure libraries like google play services and butterknife.
- Configuring firebase libraries like authentication and real-time database.
- Register on Firebase and adding app to firebase console.

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

- Build UI for all the activities and fragments shown in the mock-ups.

### **Task 3: Getting data for Quotes**

- Search available datasets for famous quotes.

### **Task 4: Adding database to Firebase**

- Import and manage the data structure on Firebase.
- Set the query mechanism for the database.

### **Task 5: Implement Main Activity**

- Get the quote of the day from the database depending on user selected categories.
- Get all the favourite quotes of the users and show in a recycler view of cards.
- Use loaders to retrieve information about favourite quotes from database and inserting in list.

### **Task 6: Implement Particular Category/Author Activity**

- Get the quotes of selected category/author from the database.
- See if the selected category/author is selected for getting notification or not.
- Use Async task to retrieve information about the categories and authors from the database.

### **Task 7: Implement Notification**

- Make mechanism for receiving notification every day.
- Set timer for the notification.

### **Task 8: Managing Authentication**

- Authenticate users.
- Save users favourites on the cloud.

## Task 9: Widget

- Making widget to provide quote of the day.