

[Description](#)

[Intended User](#)

[Features](#)

[User Interface Mocks](#)

[Screen 1](#)

[Screen 2](#)

[Key Considerations](#)

[How will your app handle data persistence?](#)

[Describe any corner cases in the UX.](#)

[Describe any libraries you'll be using and share your reasoning for including them.](#)

[Next Steps: Required Tasks](#)

[Task 1: Project Setup](#)

[Task 2: Implement UI for Each Activity and Fragment](#)

[Task 3: Your Next Task](#)

[Task 4: Your Next Task](#)

[Task 5: Your Next Task](#)

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QuotesApp

Description

QuotesApp presents a selection of daily quotes on its mainscreen. Also, the app allows the user to explore random quotes on subjects such as friendship, family, tv and movies, quotes that are funny or inspirational. (categories could change during development) The user can also read more information about the author of the quote. All quotes are from thesaidso.com.

Intended User

The user is a person that draws inspiration from the words of famous people.

He maybe is bored and wants to read some funny thoughts. Or he is looking for motivation for working on a project. Or would like to read some words about personal subjects (relationships, life, love, etc).

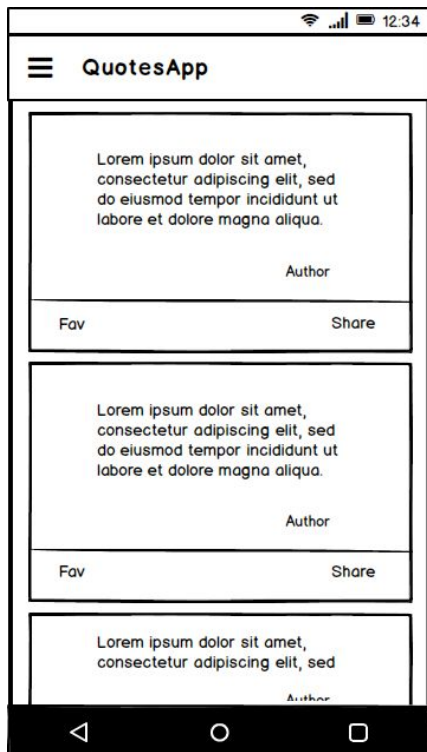
Features

Main features of QoutesApp :

- Displays quotes of the day
- Displays random quotes belonging to several categories (friendship, funny, inspirational, life, love, family, movies)
- Quotes can be saved and are put in a 'favourites' category
- Quotes can be shared to 3rd party apps (facebook, whatsapp, etc)
- Information about the author is displayed in the detail view of the quote (the wikipedia article about the author, if available)

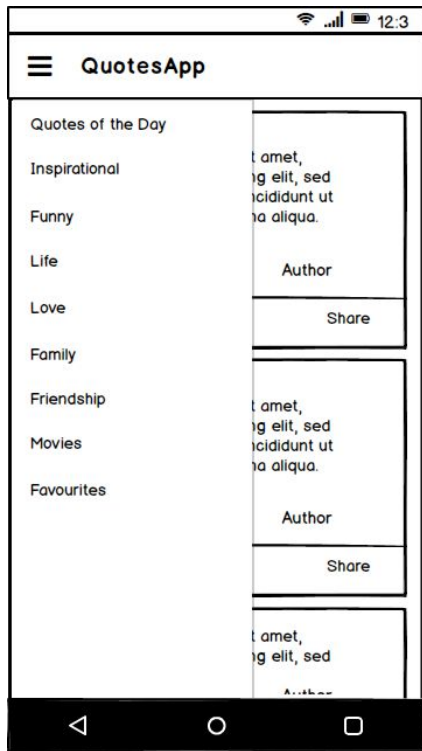
User Interface Mocks

Screen 1



Home screen on phones - at launch, a selection of daily quotes is displayed; for each quote the user can mark it as a favourite or share it to a 3rd party app
Selecting the hamburger menu in the upper left goes to screen 2.

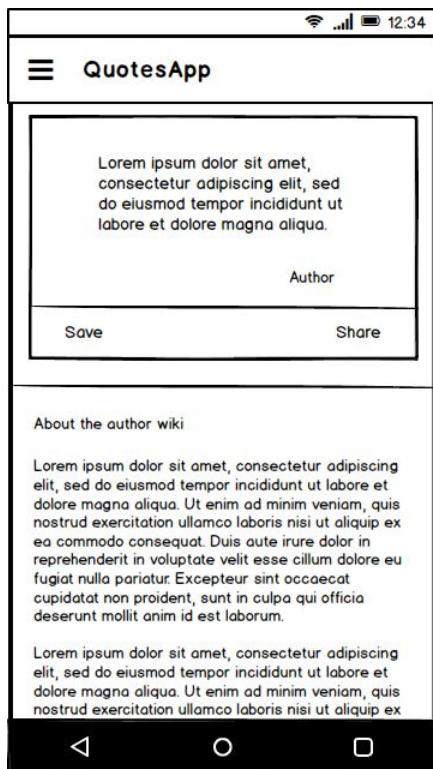
Screen 2



Drawer open - this reveals the quotes categories.

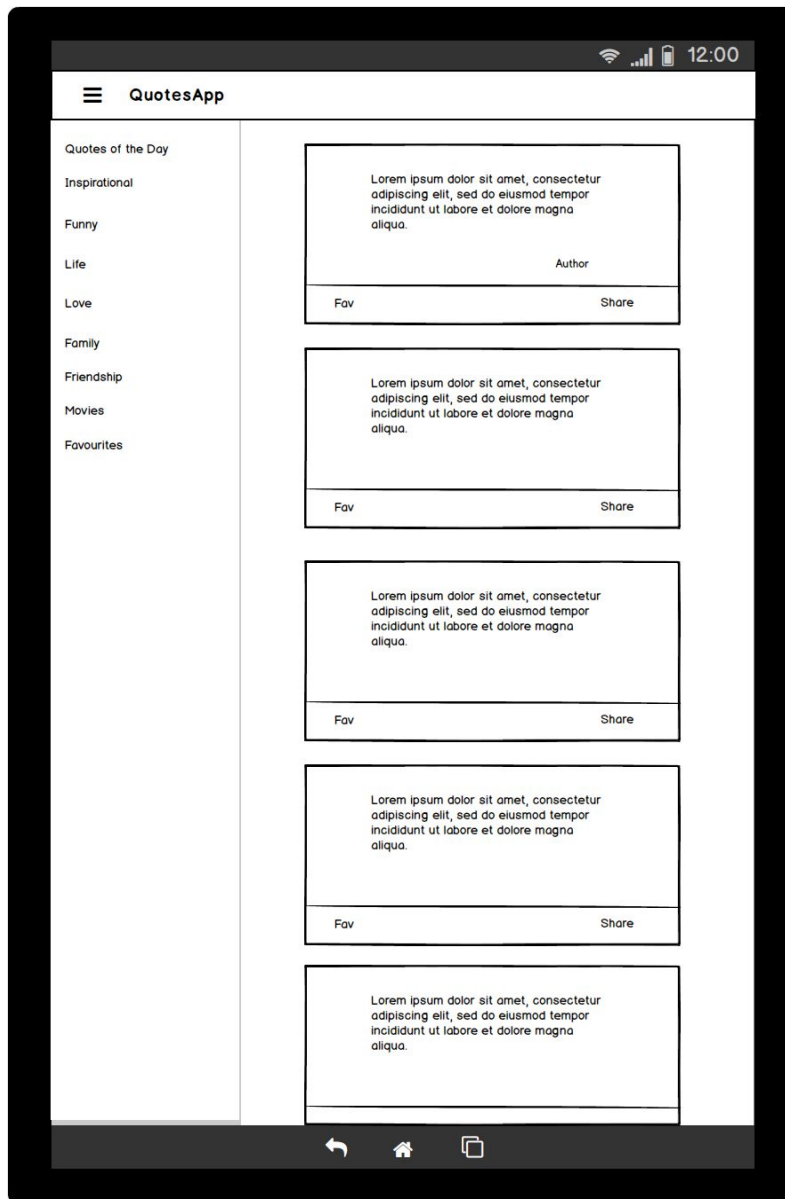
Selecting one of the categories takes the user to Screen 1, displaying random quotes from a specific category.

Screen 3



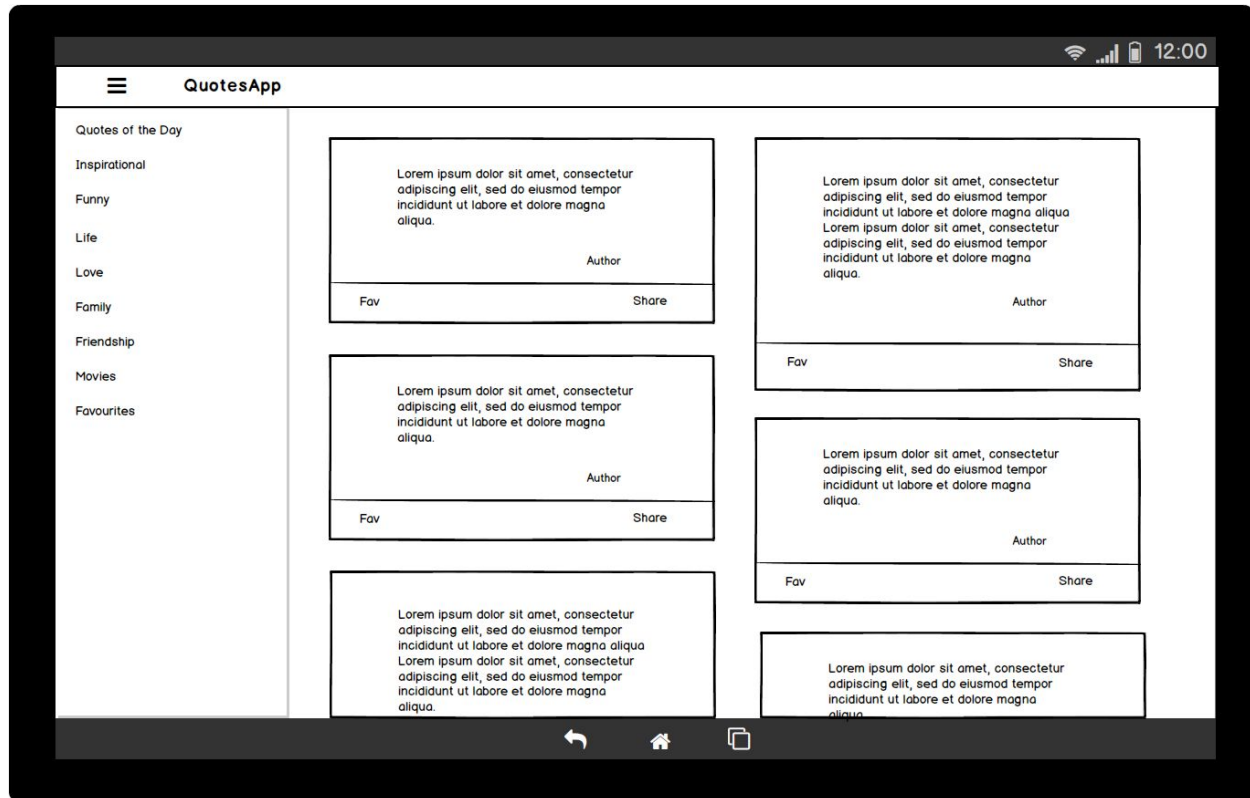
Detail view. This displays the quote together with the wikipedia entry for the article.

Screen 4



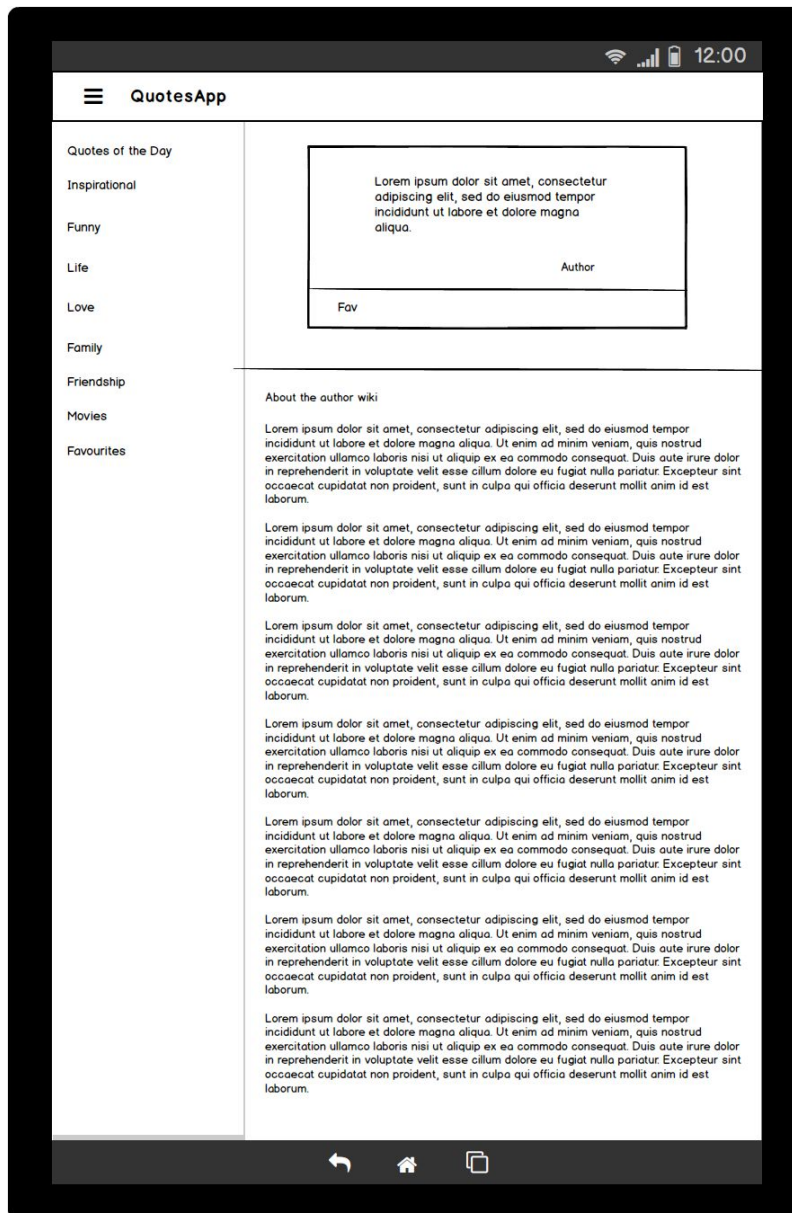
Home screen for the tablet version. The drawer menu is always open.

Screen 5



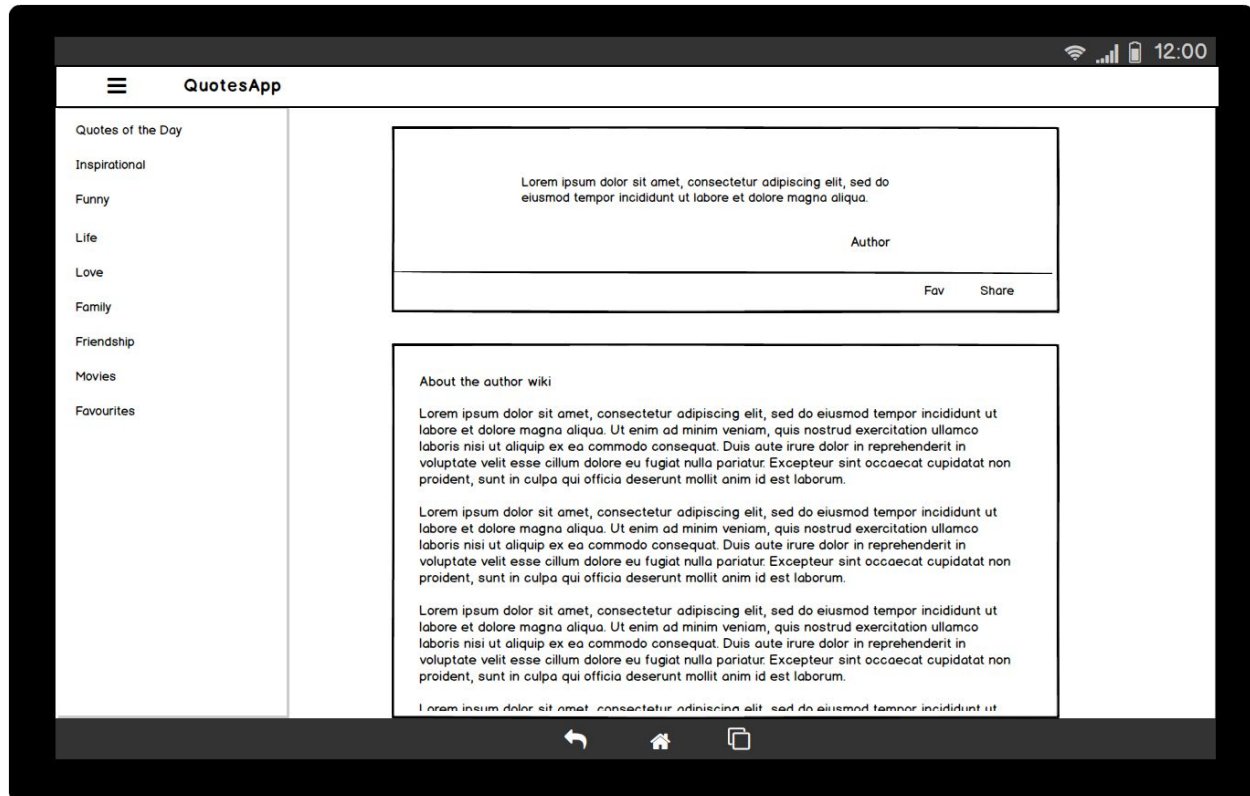
Home screen for the tablet version, landscape mode. Quotes are displayed on two columns.

Screen 6



Detail screen for the tablet version. Drawer remains open.

Screen 7



Detail screen for the tablet version, landscape mode. The article and the quote have a maximum width.

Key Considerations

Data persistence

The app uses shared preferences and SQLite for data persistence. It also implements a ContentProvider.

Corner cases in the UX

If the wikipedia article for the author is not available, this should be presented to the user, with the option to google search for more info.

Libraries used

- Retrofit - for the REST service queries
- Gson - for Retrofit deserialization
- Google Analytics - track navigation inside app
- Google AdMob - to show banner advertisements inside app

Required Tasks

Task 1: Project Setup

- Configure libraries
- Test the REST API
- Implement and test data persistence (SQL lite + ContentProvider)

Task 2: Implement UI for Each Activity and Fragment

- Implement UI for the quote list (Screen 1)
- Implement UI for the navigation drawer (Screen 2)
- Fill quote list with data fetched from the REST API
- Implement UI for the detail view (Screen 3)
- Implement changes for the alternative tablet screens (Screens 4, 5, 6, 7)
- Implement quote of the day widget

Task 3: Add Google Services

- Add banner views for AdMob
- Integrate Analytics in app

Task 4: Test entire app & fix bugs

- Navigate through screens, find and fix bugs