

OLDBOOKS SHOP

Idea and OUTLINE

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BASIC PLAN

This app is going to serve as a digital platform to enable users to purchase 'available' listed books by directly contacting the seller. In addition, the user may himself upload meta-data about books he wishes to sell. The idea is to build this app along the lines of digital classifieds such as OLX, restricted to used books.

Main Components

- *Catalogue*
- *User Account*
- *Books uploaded for sale by user*

The Catalogue

- This would be the home page of the app, where the user would be able to view all books available for purchase that have been uploaded by all other users using the app. For this purpose, server space would be required to create and maintain a database of users and the information about the books they have to sell. A search tab would be provided to look for specific books in the catalogue.

User Account

- To upload books to the market, a user must first create an account. The user must choose a username and password and provide his contact number and email ID (which would serve as primary key). After confirming the email address, the user's account would be created. Once the user logs in and returns to the market, the user would not be able to view those books that have been uploaded by him, in the market.

Books Uploaded for sale

- To upload books, the following information would be need from the user
 - A recent photograph of the book to be sold.
 - The name and author of the book.
 - Duration for which the book has been owned
 - Rate condition of book
 - Other comments

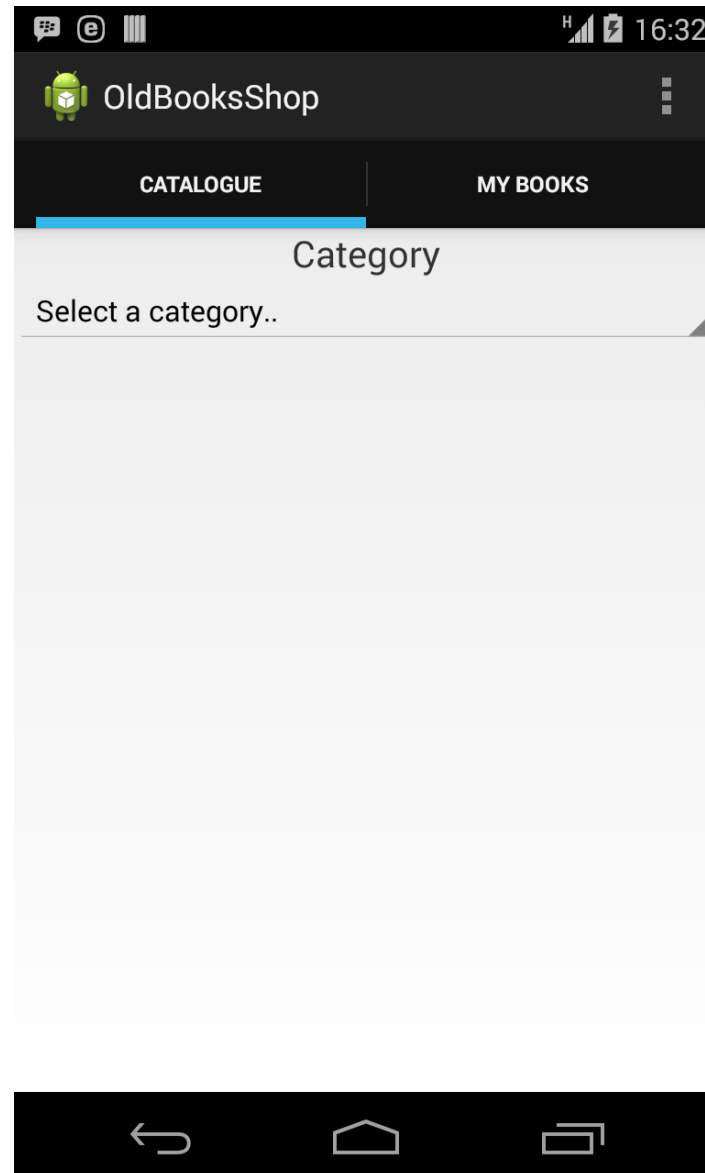
Operation

- The user must provide the following additional information about the book
 - Publisher
 - Retail Price
- The user will then quote a price to the sell the book at.
- On completing this process, the book would be linked to the user's account and uploaded to the server. The uploaded books would appear in the "My Books" tab to the user, and would appear in the global market to others.

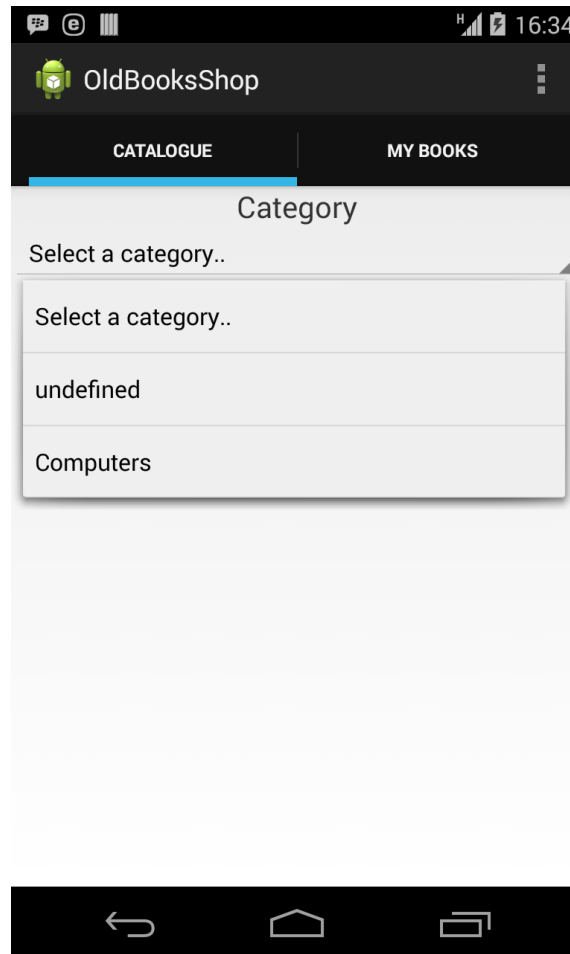
Operation

- WHEN A USER WISHES TO PURCHASE A BOOK
 - He may browse the catalogue and select a book he wants to purchase.
 - He may use the 'search catalogue' option to look for the desired book.
 - Once the book has been selected, the contact information of the seller of that book would be provided to the user. It is an open choice whether to provide this information through email or make it openly available.

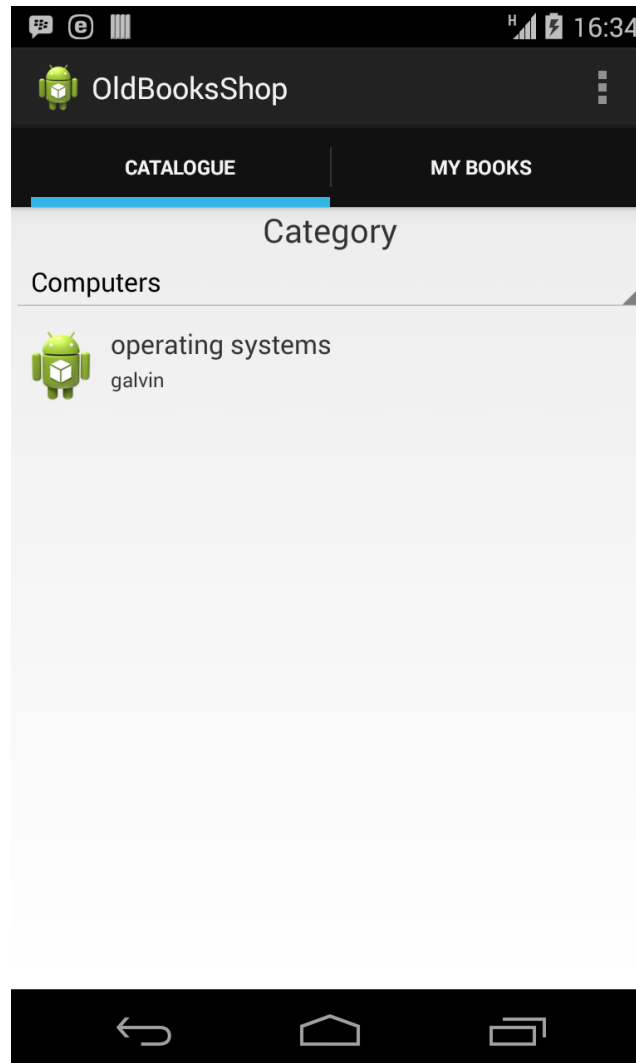
Application Design – *Home Page*



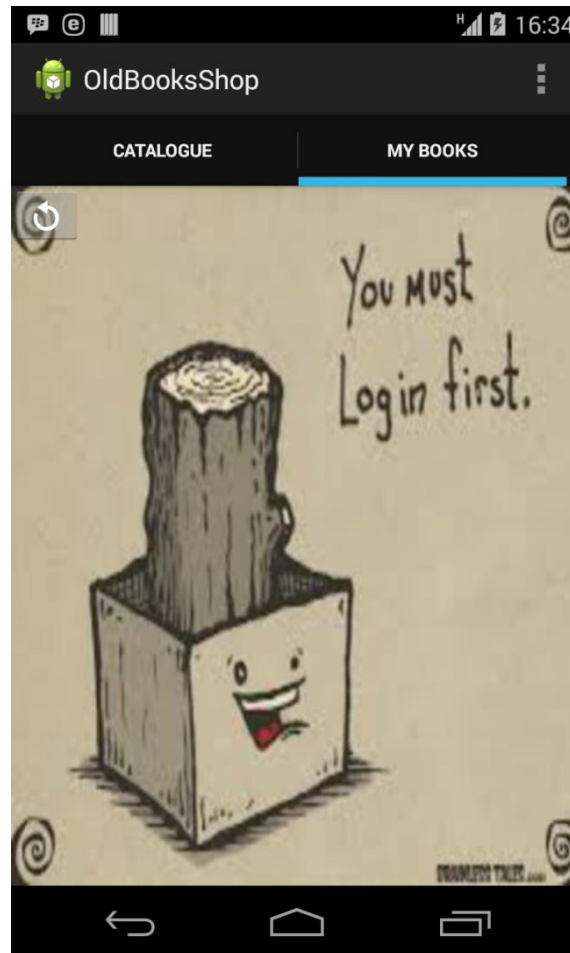
Application Design – Category Spinner



On selecting a category



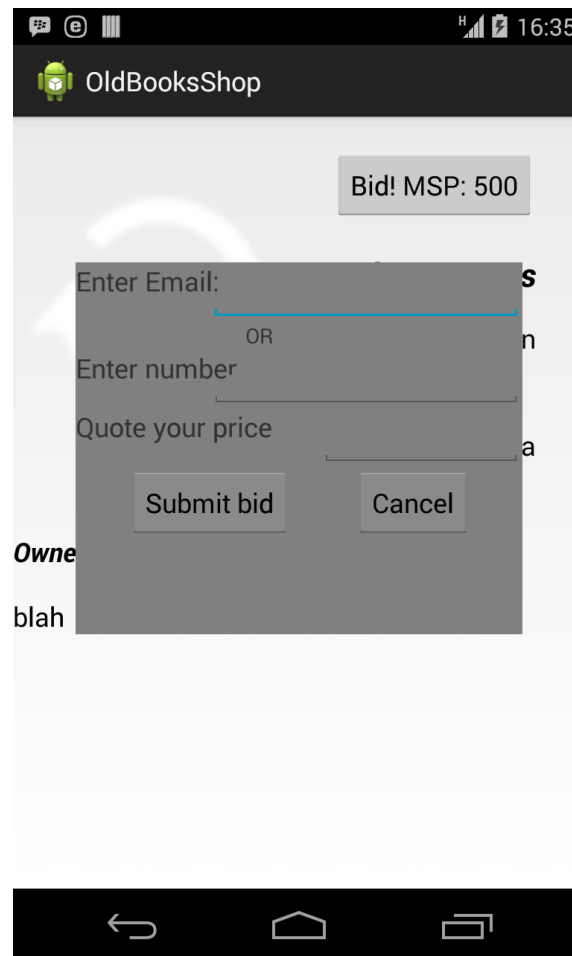
On viewing 'My Books' without logging in



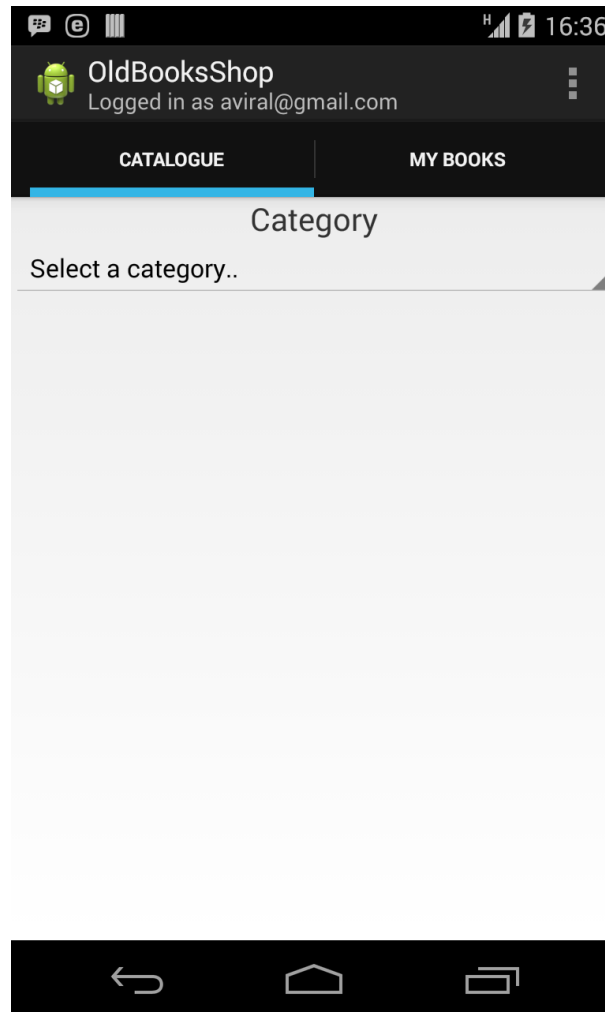
On selecting a book (skeleton design, image excluded)



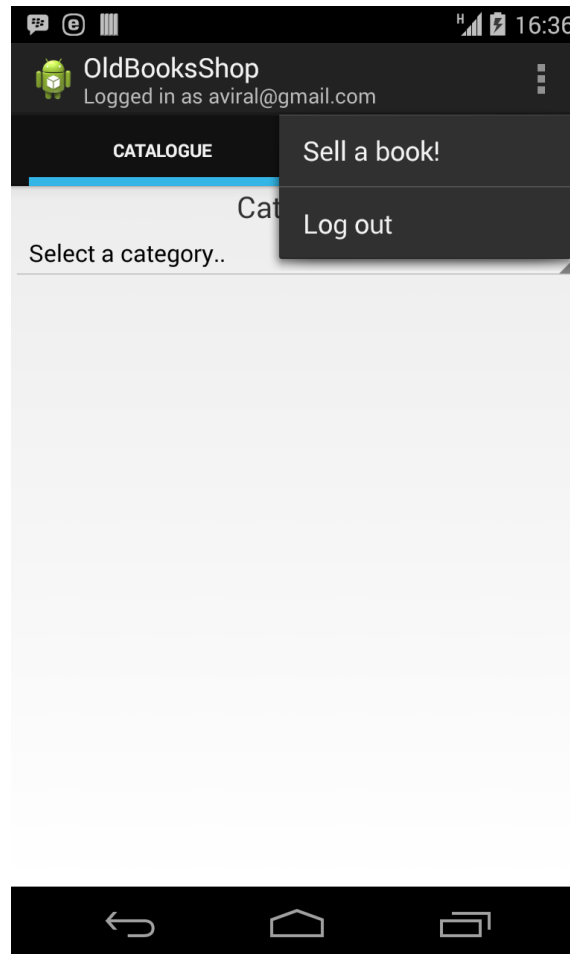
On clicking 'Bid' button, popup is shown



On logging in, action bar subtitle modified



On logging in, context menu entries modified



Additional Aspects

- The categories are updated through android system service, and cached in a database in the device. They will be updated in intervals as selected by the user (daily, hourly, weekly, etc)
- A user on logging in stays logged in till he logs out by clicking 'log-out' in the context menu. Only one user is logged in at a time.
- 'Sell book' and 'my books' pages are yet to be implemented.