



## BAHRIA UNIVERSITY (KARACHI CAMPUS)

Open Ended Lab II – SPRING SEMESTER –  
2022

### Software Application for Mobile Devices

Class: **BSE-**

### Scenario

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**02-131192-009**

**BSE 6A**

### OEL 02

#### Task 01:-

OMarket is a Things Sharing/Rental Market place MVP soon to be launched for pitch. needs a Mobile application. You as an Application Developer responsible for the requirements given below.

*Product Types that can be listed on this market are (Books, Clothes, Music, Valuables... etc.)*

#### Requirements of App

- **Authentication Area**
  - User can Authenticate from this page and this authentication information will be used over the application and on executing processes.
- **Dashboard.**
  - Add Product Option – on click the prompt will be shown that captures the details of the product on the same page.
  - List of the products that are listed in the application for sharing and Rental purposes.
  - On Click on any product from the list the Activity will open that contains the details of the product and a Checkout button when this button clicked the Checkout Activity will be shown with the order details.
  - For Category music user can play music in the app background before buying without hanging the rest of the application.
- **Order Management.**
  - It show both Orders (Orders Done by you) and (Order Received By you for your products) in the separate lists.

In this Activity Real time order status will be shown after 10 seconds the order status must be updated based on Approval from the Seller. This process must be running in the background so no any process dead.

- Checkout.
  - When Buyer checkout the Seller in the market place will be notified with the OFFER Message sent from Buyer and App Notification for Approval.
  - Until the Offer not approved the Order Status will be displayed as PENDING

Every point is important. Read the given scenario carefully to perform this Open-Ended Lab Late Submissions not allowed.

## **SOLUTION:-**

### **Output Screenshot:-**

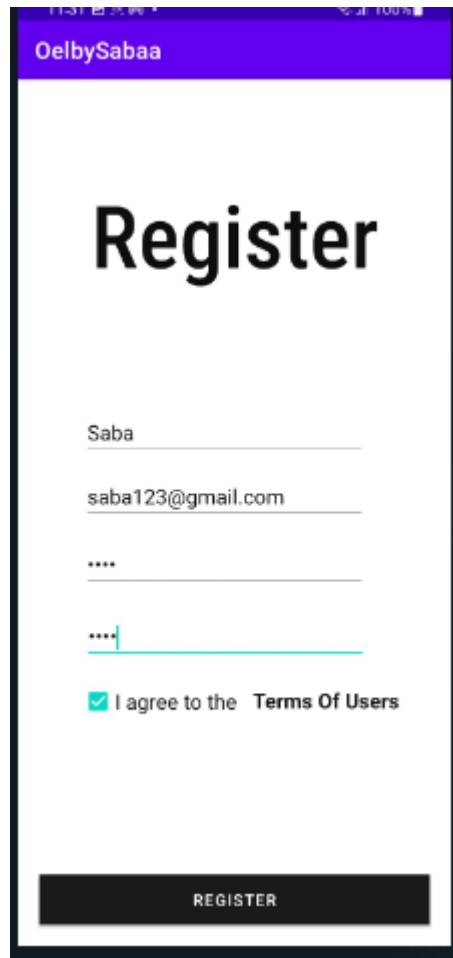
#### **Github Link:-**

<https://github.com/sabasunawar/SAMD-OEL-2>

#### **Authentication Screen:-**



### **Register:-**



The image shows a mobile application interface for registration. At the top, there is a purple header bar with the text "OelbySabaa" in white. Below the header, the word "Register" is displayed in a large, bold, black font. Underneath, there are four input fields: the first contains the name "Saba", the second contains the email address "saba123@gmail.com", the third contains four asterisks "\*\*\*\*", and the fourth contains four asterisks "\*\*\*\*" with a red vertical line at the end. Below the input fields, there is a green checkmark icon followed by the text "I agree to the Terms Of Users". At the bottom of the screen, there is a black rectangular button with the word "REGISTER" in white capital letters.

### **Login:-**

# Login



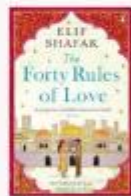
USER LOGIN

## Products:-

### Clothes



### Books



### Music



## **PRODUCT DETAILS:-**

**OelbySabaa**

**Product Detail**



**Polo Green**

Elegant Green and Navy Blue two tone design,  
Mustard Stripes on Collar and Sleeves, Black  
Embroidered STY Logo on Left Side of Chest.

**\$100**

**ADD TO CART**

**BUY IT NOW**

**The End**