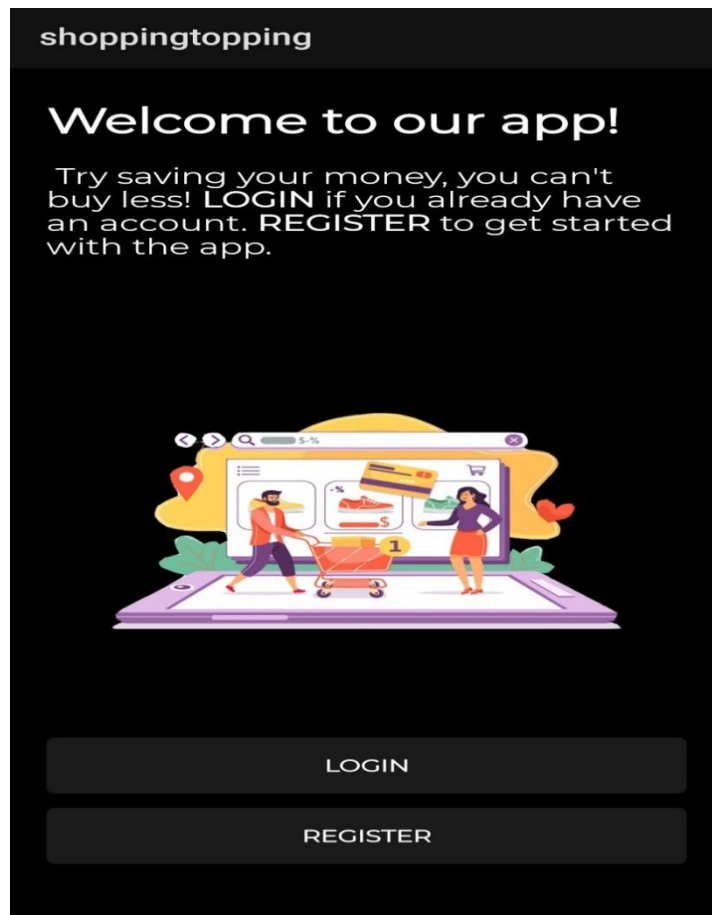


## **FINAL PROJECT REPORT**

### **INTRODUCTION:**

The project titled “Shopping Topping” is an online shopping platform. It is a mobile application. This project was developed in Android Studio. The app can be used in laptop, mobile phone(android) or any kind of smart electronic device. By using this application the consumers and customers can buy any kinds of legal product. For this, individual app users must create a profile of their own. The products can be found in best price and quality. A cart option is also featured where the customer can add their wish products and order later on.



## FEATURES:


### 1.REGISTER:


A user have to register first, in order to login and use the app. He/She have to fill up some information. The process is shown in the below images:


shoppingtopping


Create an account


Register to get started with the app.

 Your full name  
Tahmid Sattar

 Your email  
tahmidaothoi007@gmail.com

 Your username  
Tahmid

 Your password  
.....

 Confirm password  
.....


REGISTER


I already have an account: Login

shoppingtopping

Login to app

Login if you already have an account.

 Your email

 Your password

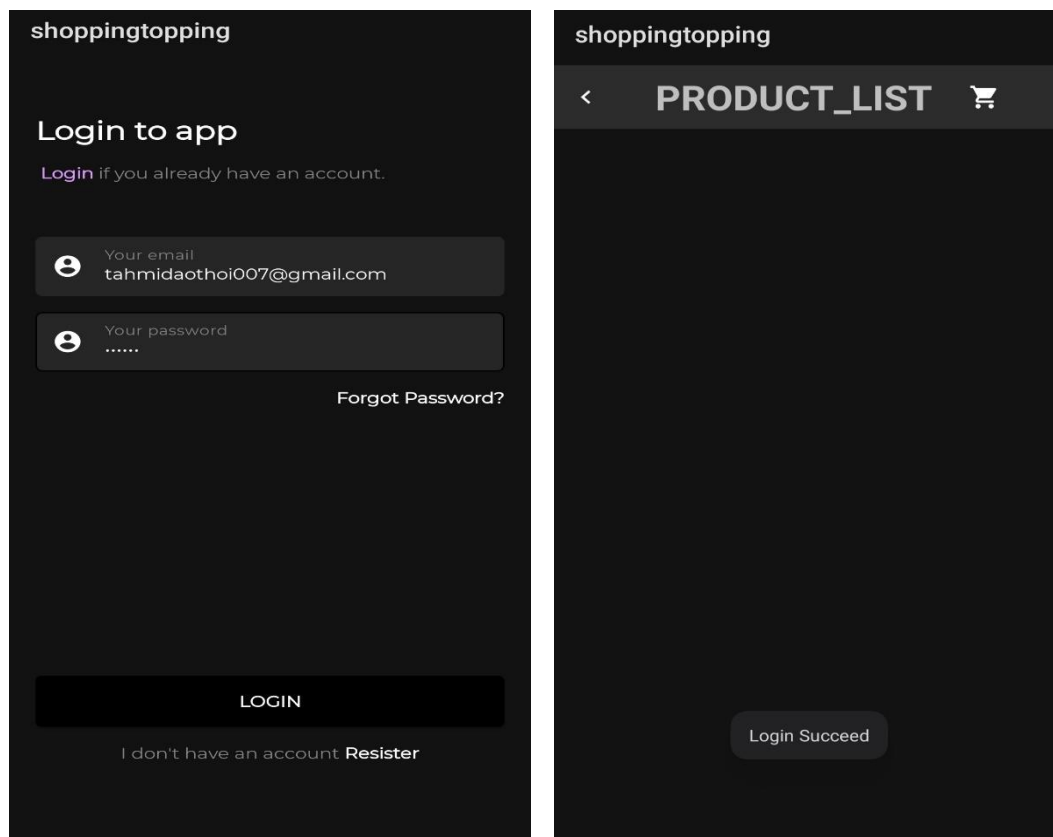
Forgot Password?

Register Succeed

I don't have an account: Resister

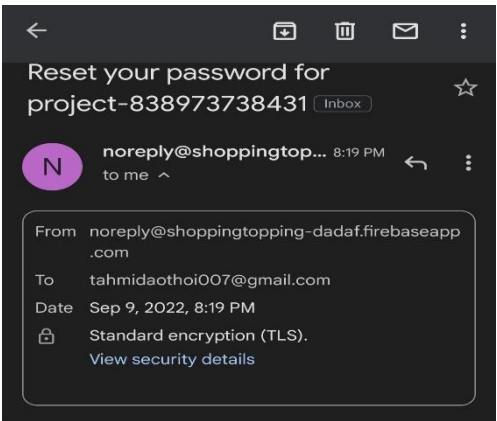
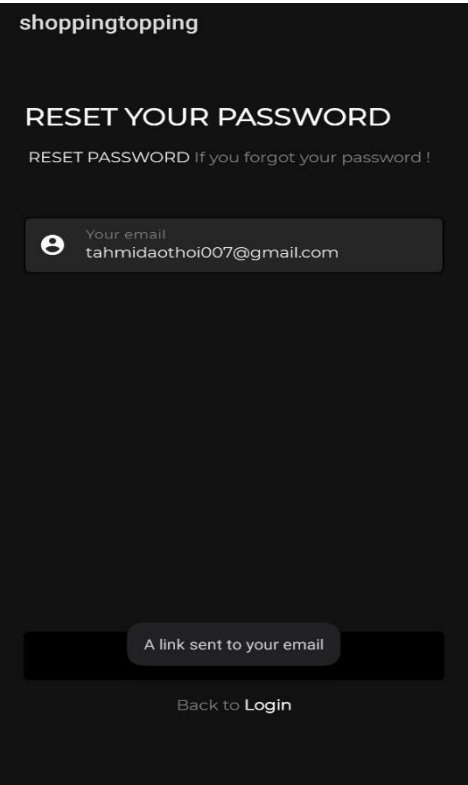
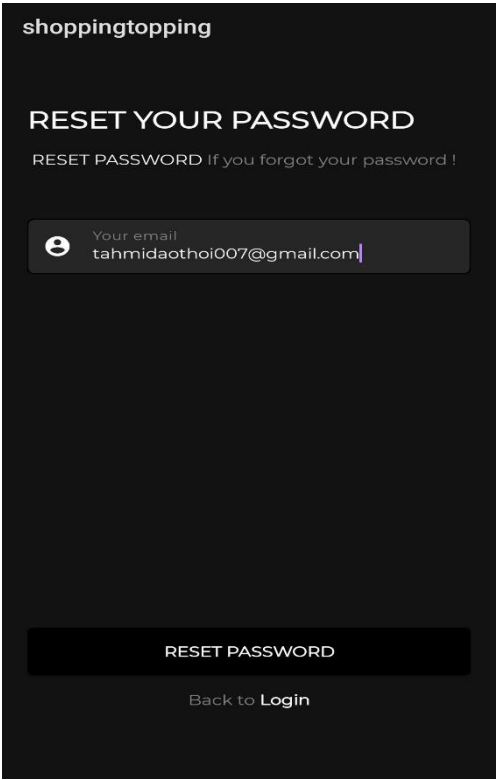
## **2.Login:**

After completing registration, user can login with the mail address and password:



## **3.RESET PASSWORD:**

If an user forgets his/her password, then he/she can simply click on the 'Forgot Password' option. After clicking, the will see a new window where they will have to put their valid e-mail address. A mail will be sent to there e-mail address. In that e-mail there will be a link, which will redirect the user to a browser, opening an field to reset the password!



Hello,

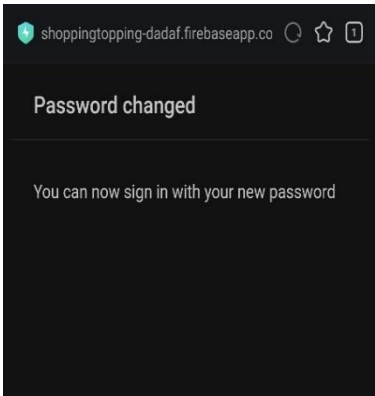
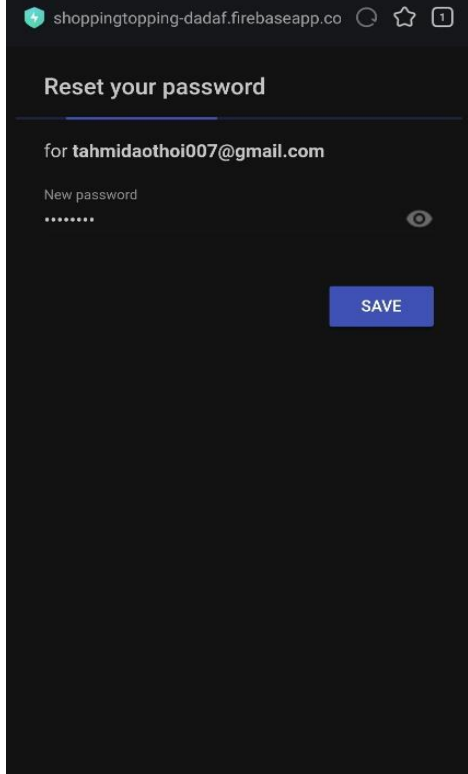
Follow this link to reset your project-838973738431 password for your [tahmidaothoi007@gmail.com](mailto:tahmidaothoi007@gmail.com) account.

[https://shoppingtopping-dadaf.firebaseio.com/\\_/auth/action?mode=resetPassword&oobCode=W4anSBBNkYLfVfDqifNesU-JuxowSc52rEyOwmy0zXkAAAGDlp61Fg&apiKey=AlzaSyC5j2GskPt9Os-D9ICVVI-p6cXTsbpMgZg&lang=en](https://shoppingtopping-dadaf.firebaseio.com/_/auth/action?mode=resetPassword&oobCode=W4anSBBNkYLfVfDqifNesU-JuxowSc52rEyOwmy0zXkAAAGDlp61Fg&apiKey=AlzaSyC5j2GskPt9Os-D9ICVVI-p6cXTsbpMgZg&lang=en)

If you didn't ask to reset your password, you can ignore this email.

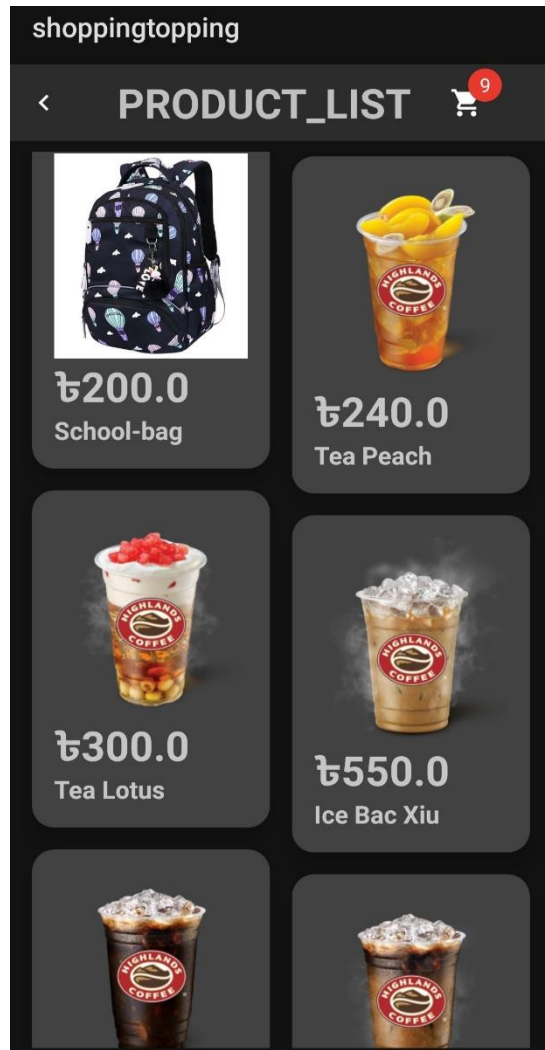
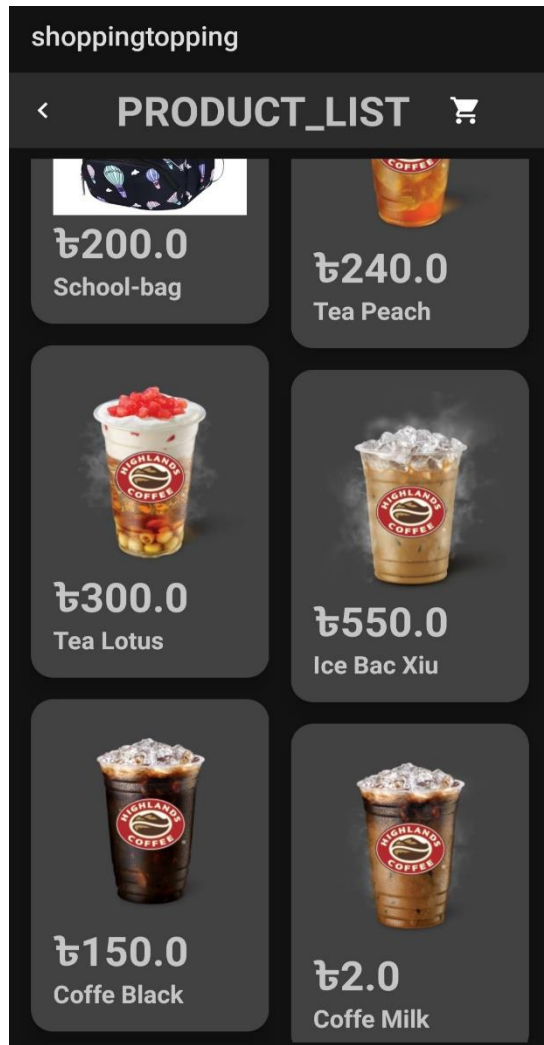
Thanks,

Your project-838973738431 team



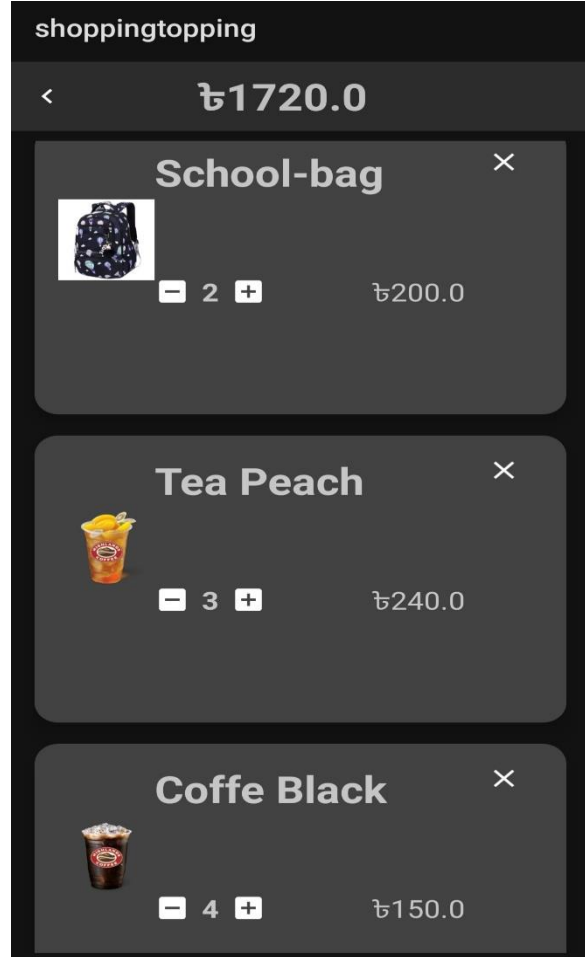
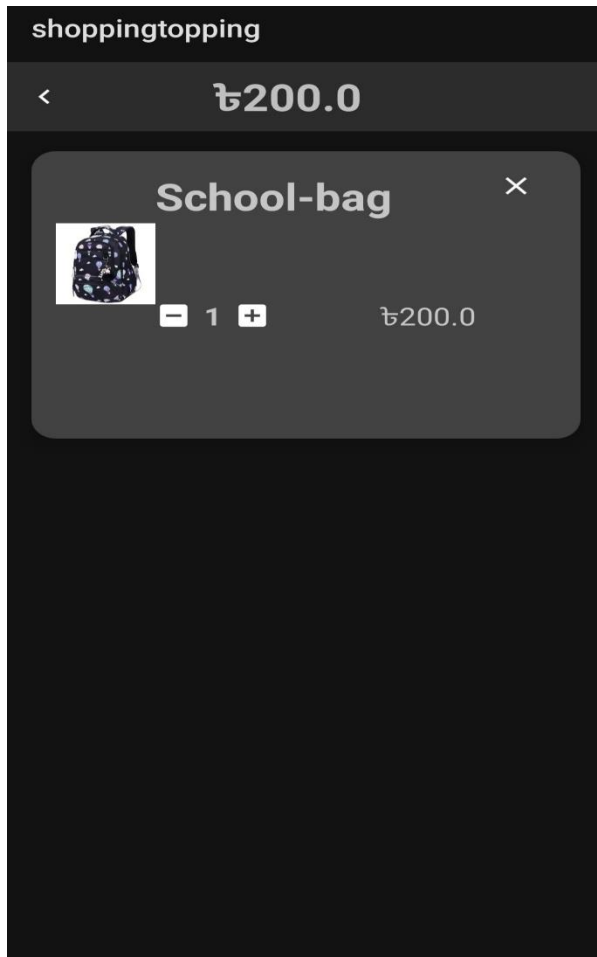
#### 4.Product List:

In the product list window we can see the products with their details! Prices are mentioned for each product. Here we can select products and the products will be added on the Cart.



### **5.CART:**

All the selected products will be added on the cart! From the cart, user can choose his product and they can also select the quantity of the product. After choosing a product with its quantity, the total price can be seen in the top. Then user can buy their product easily.



### **SOFTWARE & HARDWARE:**

- The project was developed using Android Studio (Software)
- Android Version 11.0
- Programming Language: Kotlin

## **DATABASE:**

To build this app we used an online database called Firebase. For using an online database, we can easily store the data from any device and also we can edit those data from anywhere. For registering user information we used the authentication setting from firebase and for product management we used the real-time database of firebase.

The top screenshot shows the Firebase Authentication page for the 'shoppingtopping' project. It displays a table of users with columns for Identifier, Providers, Created, Signed In, and User UID. The table lists 8 users, all with email providers, created between Sep 1, 2022, and Sep 9, 2022.

Identifier	Providers	Created	Signed In	User UID
tahmidothoi@gmail.com	📧	Sep 9, 2022	Sep 9, 2022	XpW5SMH0b098KYf6k4Hp6aG03
tahmidothoi007@gmail.c...	📧	Sep 9, 2022	Sep 9, 2022	T7NsFC4NC1dkFYSMsWYCRpxZF...
manufatkamal@gmail.com	📧	Sep 1, 2022	Sep 1, 2022	rh059YBb5bell7yLzYmSBIaqKw1
shpra@gmail.com	📧	Sep 1, 2022	Sep 1, 2022	SerUMeoOKbYicK5oYvTK1gyC102
chandrima.cse.200104131..	📧	Aug 30, 2022	Sep 9, 2022	cfneaYJTp9UFBTaw2NA7HyKing...
tahmid@gmail.com	📧	Aug 30, 2022	Sep 7, 2022	NgcQDrWgkVaYHYOUwmgm8RLZ...
chandrima@gmail.com	📧	Aug 30, 2022	Aug 30, 2022	K7W6AuQUBrPWqKWjTNkdpyE...
saqline@gmail.com	📧	Aug 30, 2022	Sep 6, 2022	fxNBjcsWCHUkTz6CjG4K0a4T3u2

The bottom screenshot shows the Firebase Realtime Database page for the 'shoppingtopping' project. It displays the database structure with a tree view. The root node is 'Cart', which contains a 'UNIQUE\_USER\_ID' node with three children: '01', '02', and '05'. The 'Product' node is also visible with children '01', '02', '03', '04', and '05'.

**FUTURE PLAN:**

We will update the following things given below:

- Searching option
- Checkout method with payment slip
- Wishlist
- Order history
- Real-time chatting option
- Product tracker

**Conclusion:**

Our main view is to make shopping much easier and comfy. So we made an user friendly app, by which an user can easily choose their product without any hesitation or doubt in their mind. An user will also get 24 hour emergency helpline for their complaints. As a result, we are looking to set an extraordinary example by creating a modern time shopping experience.