



## **Senior Design Project**

### **Foodie – A mobile application software**

Md. Mahadi Hasan 1631551042

Sadia Hossain Meem 1620268042

**Faculty Advisor:**

**Mohammad Ashrafuzzaman Khan**

**Assistant Professor**

**Department of ECE**

**Summer 2021**

# LETTER OF TRANSMITTAL

September 2021

To

Dr. Mohammad Rezaul Bari

Associate Professor and Chairman,

Department of Electrical and Computer Engineering,

North South University, Dhaka.

Subject: Submission of Capstone Project on “Foodie – A mobile application”

Dear Sir,

With due respect, we would like to submit our Capstone Project Report on “foodie” as a part of our BSc program. The report deals with an android based application.

We will be highly obliged if you are kind enough to receive this report and provide yourvaluable judgment. It would be our immense pleasure if you find this report useful andinformative to have an apparent perspective on the issue.

Your sincere,

Md. Mahadi Hasan – 1631551042

Sadia Hossain Meem – 1620268042

## APPROVAL

The capstone project entitled “Foodie” by Md. Mahadi Hasan (163155104 ) and Sadia Hossain Meem (1620268042), is approved in partial fulfillment of the requirement of the Degree of Bachelor of Science in Computer Science and Engineering on June, 2021 and has been accepted as satisfactory.

Supervisor:

Mohammad Ashrafuzzaman Khan

Assistant Professor

Department of Electrical and Computer Engineering

North South University

Dhaka, Bangladesh.

Department Chair:

Dr. Mohammad Rezaul Bari

Associate Professor & Chairman

Department of Electrical and Computer Engineering

North South University

Dhaka, Bangladesh.

## DECLARATION

This is our truthful declaration that the “Capstone Project Report” we have prepared is not a copy of any “Capstone Project Report” previously made by any other team. We also express our honest confirmation in support of the fact that the said “Capstone Project Report” has neither been used before to fulfill any other course related purpose nor it will be submitted to any other team or authority in future.

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Md. Mahadi Hasan

Department of ECE

North South University, Bangladesh

.....

Sadia Hossain Meem

Department of ECE

North South University, Bangladesh

## **Abstract**

There are few food delivery service in town like Foodpanda. Their activity is to deliver food from local restaurant to customers' door. Now-a-days "Home Made Food" has become more popular to the food lovers but there is no such platform that can provide this service to the customers.

## **Introduction**

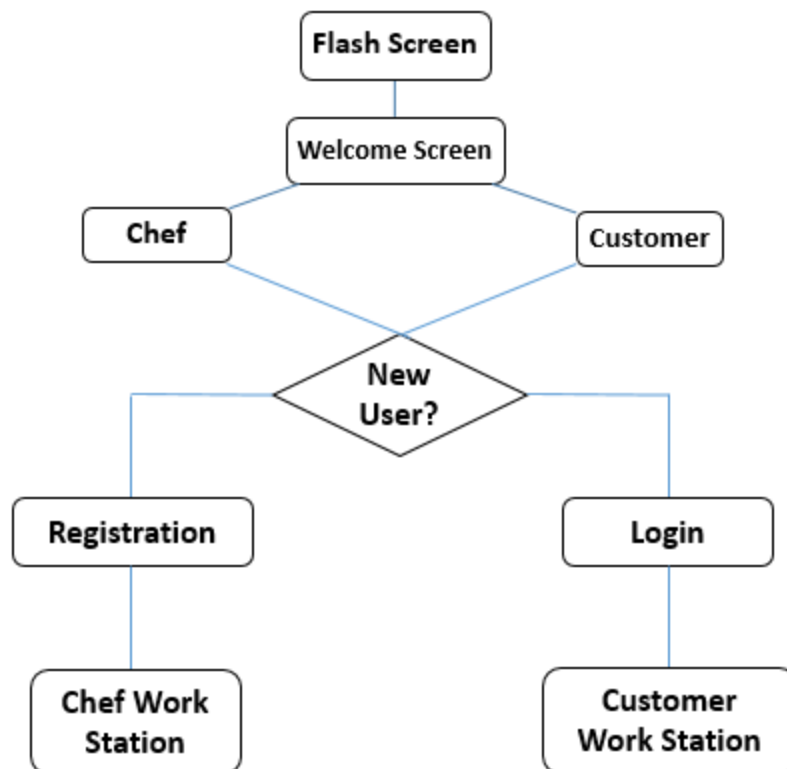
Our goal is to make a suitable platform/android application where anyone who can cook or love to cook can create his/her own profile to sell home made foods to the customer. This was a bit difficult because of the upgradation of the documentation. Setting up the environment was one of the major issues.

## **Literature Review**

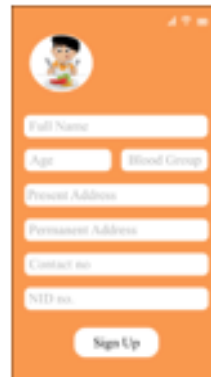
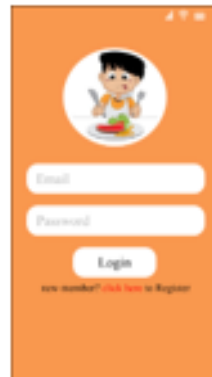
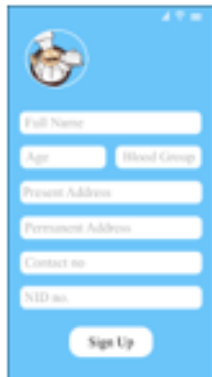
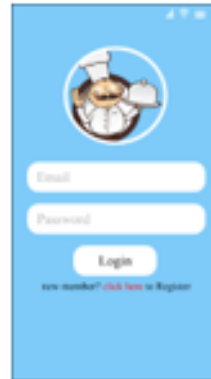
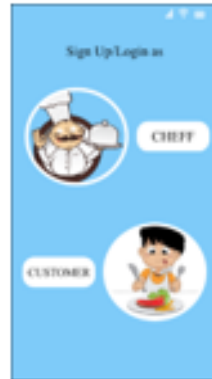
Foodpanda, HungryNaki.com dedicated food delivery company, currently delivering food to the customers' doorstep from local restaurants. They use mobile app to receive orders from customers. There are few other delivery companies they also deliver foods as per conditions like pathao food, shohoj food etc. All of these deliver local restaurants foods. We found none works with 'Home Made Food.'

## Methodology

Hardware : PC , Softwares : Figma – App layout design, Android Studio – For application code implementation, Database – Firebase Database were used. Here is the complete flow chart diagram of the project.

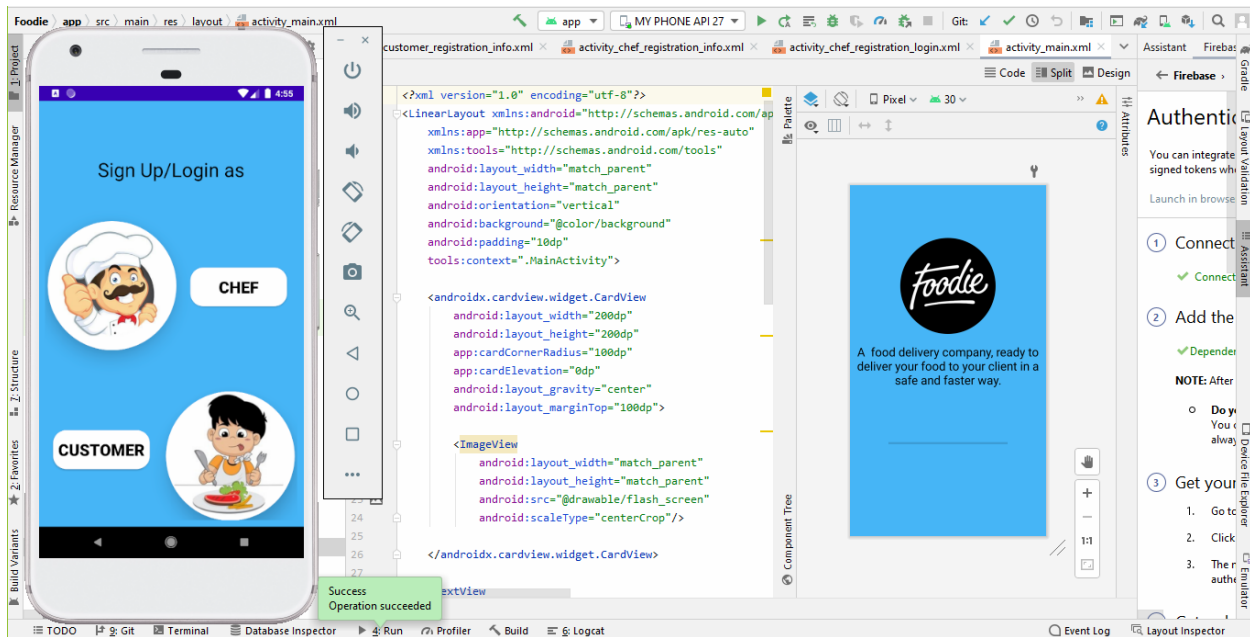


# Work Flow



## Result and Discussion:

We successfully run the registration and login part.





## References :

1. [https://developer.android.com/about/versions/11?gclid=CjwKCAjwvuGJBhB1EiwACU1AiSf\\_A8ybPUgXBVwM--8f6vAmZJ51RazCSXIQrfVIwBp\\_KfZi1vDlBoCWjAQA\\_vD\\_BwE&gclsrc=aw.ds](https://developer.android.com/about/versions/11?gclid=CjwKCAjwvuGJBhB1EiwACU1AiSf_A8ybPUgXBVwM--8f6vAmZJ51RazCSXIQrfVIwBp_KfZi1vDlBoCWjAQA_vD_BwE&gclsrc=aw.ds)
2. [www.youtube.com](http://www.youtube.com)
3. <https://www.google.com>