Mobile Application Development
SE303.3

Project Proposal

- SMART NSBM-

Name	Index No (NSBM)	Email (NSBM)
A.B.G.Imal	19158	abgimal@students.nsbm.lk
K.A.P.M. Kumarapper uma	19972	kapmkumarapperuma@students.ns bm.lk
S.M.A.Dharmas ena	22008701	smadharmasena@students.nsbm.ac. lk
E.A.Y.I. Edirisinghe	19103	eayiedirisinghe@students.nsbm.lk
W.W.W.Alahak oon	19122	wwwalahakoon@students.nsbm.lk
W.D.M.K.Rande era	19715	wdnkrandeera@students.nsbm.lk

Introduction

❖ We are building this app for NSBM students to digitalize the canteen service. As we all know there are long queues in our canteen's students have to waste their time to buy food, also due to the Covid situation this has been a big problem. With our app we hope to introduce a way for students to order food online and pay online so they can directly go to the canteen and receive their food.

❖ Our app is composed of three interfaces student, canteen and a main administrator. We have designed our app in a way that students don't need to create a profile they can simply log in with their NSBM email and password, we are building a model database to store student data.

❖ In the canteen interface the canteen owner can add new items and view orders from students. The main administrator is the person who has the ability to create new canteen accounts.

Features

❖ you have ability to order the food in quantity you want from the canteen you selected.

❖ students can pay their bills using online payment methods through a payment gateway.

❖ Canteen owner can scan QR code received by students to confirm order.

User Interface

Screen 1 — Navigation Drawer

Olivia Heldens
name@students.nsbm.com

🏠 Home

⬇️ Orders

🛒 Purchases

Log Out

Screen 2 — Foods

≡ **Audi Canteen** 🔍

🍉 Foods | 🥤 Drinks | 🛒 Cart

Chicken Kottu
Ingredients
Kottu roti, eggs, vegetable

Price: Rs 200/=
Add to cart

Chicken Kottu
Ingredients
Kottu roti, eggs, vegetable

Price: Rs 200/=
Add to cart

Chicken Kottu
Ingredients
Kottu roti, eggs, vegetable

Price: Rs 200/=
Add to cart

Screen 3 — Drinks

≡ **Audi Canteen** 🔍

🍉 Foods | 🥤 Drinks | 🛒 Cart

Sun quick cup
100ml
Available amount : 50

Price: Rs 60/=
Add to cart

Sun quick cup
100ml
Available amount : 50

Price: Rs 60/=
Add to cart

Sun quick cup
100ml
Available amount : 50

Price: Rs 60/=
Add to cart

Screen 4 — Cart

≡ **Audi Canteen** 🔍

🍉 Foods | 🥤 Drinks | 🛒 Cart

Your Bill

Item Name	Amount		Price Rs:
🔴 Chicken Kottu	2	x	200
🔴 Sun quick cup	4	x	60
🔴 Chicken fried rice	2	x	200
Total			460

Paymont methods

Student Credit Service | **Other**

Pay now

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Screen 1 — Audi Canteen (Cart / Payment)

≡ **Audi Canteen** 🔍

Foods   Drinks   🛒 Cart

◀ **Other Paymont methods**

Selct your payment method

VISA   MasterCard

Rs: 460.00

Pay now

Screen 2 — Orders

≡ **Orders** 🔍

🏷 **Your Oder Is Ready !!!**   1 new
     Behance

Ⓓ Your order has been sent   Jan 16
     Thank you for using our service!   ☆

Screen 3 — Orders (QR)

≡ **Orders** 🔍

Your Oder is Ready !!!

Oder ID: 1211
Thank you for using our service!

Screen 4 — Audi Canteen (Foods admin)

≡ **Audi Canteen** 🔍

Foods   Drinks   Oders

➕ **Add a new Food**

Chicken Kottu
Ingredients
Kottu roti, eggs, vegetable

Price: Rs 200/=
Remove item   Update

Chicken Kottu
Ingredients
Kottu roti, eggs, vegetable

Price: Rs 200/=
Remove item   Update

Screen 1 — Drinks

Audi Canteen ☰ 🔍

Foods | Drinks | Oders

➕ **Add a new Drink**

Sun quick cup
100ml
Available amount : 50
Price: Rs 60/=
⊖ Remove item | Update

Sun quick cup
100ml
Available amount : 50
Price: Rs 60/=
⊖ Remove item | Update

Screen 2 — Navigation Drawer

Audi Canteen
canteen@thirdparty.nsbm.com

🏠 Home

⬇ Orders

Log Out

Screen 3 — Orders

Audi Canteen ☰ 🔍

Foods | Drinks | Oders

Oder-1211   Jan 16   1 new
Click to see order   ☆

Oder-1212   Jan 16
Click to see order   ☆

Oder-1213   Jan 16
Click to see order   ☆

Oder-1214   Jan 16
Click to see order   ☆

Oder-1215   Jan 16
Click to see order   ☆

Oder-1216   Jan 16
Click to see order   ☆

Screen 4 — Order Detail

Audi Canteen ☰ 🔍

Foods | Drinks | Oders

Order-1211

Item Name	Amount
Chicken Kottu	2
Sun quick cup	4
Chicken fried rice	2

Order is Ready

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Left screen

Audi Canteen 🔍

☰

🍔 Foods   🥤 Drinks   ⬇ Oders

Chicken Kottu

Ingredients
Kottu roti, eggs, vegetable

Price: Rs 200/=

Update

◁ ○ □

Right screen

Audi Canteen 🔍

☰

🍔 Foods   🥤 Drinks   ⬇ Oders

Add a New food

Name:

Ingredients :

Price:

Upload a picture: 📷

Add

◁ ○ □