**North South University**

Department of Electrical & Computer Engineering



Project Proposal

on

“Fresh Pick” – an online food management system

Course name: Database Management

Course code: CSE311

Section: 10

Group no: 14

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Submitted to:

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**https://github.com/nailah02/Freshpick.git**

In today’s busy world where internet is taking control over everything little things to make our life easy and convenient it has almost became a necessity to shop online. Now a day’s people love to shop online not only because they get brilliant options but also it reduces the hassle of going to one place to another and also saves a ton of time.

Our project will be a complete website where people get to order their daily required food and supplements. They can order any kind of food items and fresh foods and that will be delivered to their doorstep.

In this platform sellers can sell their foodstuffs by simply creating a seller account, where they can list their items declare their prices and also the quantity and availability of products.

Here buyers can also buy food from trusted source by just registering a user account. The buyer only need their Name, Email and phone number for registration.

Admin will monitor and maintain the relationship between buyer and seller and the whole system.

**Features of the project:**

Home:

At this very first step the system will ask the person if he/she is a buyer or seller, depending on their choices different interfaces will appear.

* Registration: This Option is for both seller and buyer.

Here both buyer and seller have to provide few information like the Name, email id, phone number etc. The sellers will be given a seller code as soon as they register.

* Login: Every time a buyer or seller want to be in they have to login and this will take them to the corresponding home page.

Shops:

Here the registered seller’s shops name will appear, the sellers can see the shops and by clicking there they will enter into the shops home page. The sellers can update their product list and their availability, prices of the product etc.

View items:

### After entering in a shop the customer will see the category of different food items sorted accordingly. The details of every product will appear when the customer selects it. The picture, price of the product and other detailed information’s will be also mentioned after selecting the product.

Cart:

Customers can add the products they want to buy in the cart section and they can continue their purchasing after that. They can also select the quantity of products by adding the product in the cart.

Add/ Delete:

A customer can add any desired products at any time of their shopping and they can delete any product from cart before confirming their order.

View total price:

When a customer wants to wrap their shopping they will simply calculate the total cost of everything and show as a bill.

Admin:

Admin will be able to see the public records of both the sellers and buyers. After logging in the admin will be redirected to the admin home page. There will be a dashboard for the admin which will contain links to the several pages for various purposes like users-list(all buyers list public notification, username and password reset etc.

### Tools and Resources:

Front end-

* HTML
* CSS

Backend-

* My SQL
* Django / JavaScript

**Work timeline:**

1st week – In the very first week we will gather all the possible information and recourses required for establishing the project.

2nd week- All the planned works will be divided among the group mates and will start the work accordingly.

In the next weeks we will start working building our website and start on working in frontend and backend simultaneously.

Github repository link- **https://github.com/nailah02/Freshpick.git**