**DATABASE SYSTEMS**

**SEMESTER PROJECT**



**MILESTONE 1 – PROJECT DESCRIPTION**

**DEPARTMENT OF COMPUTER SCIENCE**

**FAST NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCINCES, PESHAWAR**

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*Group Members - Section 4A*

Qasim Mansoor Ali (19P-0055)

Najam Aqeel (19P-0035)

**Project Title**

Organic Shop

**Group Members – Section 4A**

Qasim Mansoor Ali (19P-0055)

Najam Aqeel (19P-0035)

**Summary**

We will be crafting an online interface for a wholefoods grocery/market where buyers can view and buy goods for their everyday needs. The database will not only hold information and prices about the products (including bakery goods, fruits and vegetables), but it will also keep track of customer information, to be precise, information about the previous purchases of a customer. This will allow them to be able to place the same order as before. So, the database will have some sort of a membership system where customers have to sign up to gain access. There will also be record of the transactions that take place and the inventory of goods.

**Why should the Project be done?**

With the onset of the pandemic and most of the on-site businesses being shut down, many companies have started to resort to online trading of goods and services. We feel, since groceries are by far the most necessary of services, customers need to have a portal where they can fulfill their needs from the comfort of their homes and the traders need an interface to interact with their customers remotely.

**Customer Interaction**

* Login and sign-up feature
* Categories product catalogues
* Carting system (customers can accumulate products)
* History checker

**Tools**

* MySQL
* HTML5
* CSS3
* PHP
* Node.js
* Bootstrap

**Workload breakdown**

* **Qasim Mansoor**
  + Backend
  + Entity Relationship Diagram
  + Linking Frontend and Backend
* **Najam Aqeel**
  + Frontend
  + Conceptual Schema
  + Normalization