

AMITY UNIVERSITY

-----UTTAR PRADESH-----

Amity School of Engineering and Technology

In-House Practical Training

Student Name YASH NIGAM
Enrollment No A2305219003
Programme B.Tech (Computer Science & Engineering)
Company's Name Amity School of Engineering and Technology
and Address Sec-125, Expressway, NOIDA,(U.P)
201301

Industry Guide

Name

Designation

Contact Number

Ph.(O) : (R) :

Mobile :

Fax :

E-mail : sthakur3@amity.edu

Project Information

1) Project Duration : **(42 Days)**

a) Date of Summer Internship commencement **(20/05/2021)**

a) Date of Summer Internship Completion **(30/06/2021)**

2) Topic

Supermarket Handling System

3) Project Objective

The objective is to create a supermarket handling system that would incorporate various individual system that work in supermarket and improve the customer experience as well

4) Methodology to be adopted

The methodology that would be used to create the application would be java to create the frontend of the application and MySQL database to create the backend of the application. Java is the most preferred language to create applications as it has many benefits like it is robust and portable which results into an interactive user experience, it is platform independent and very secure, java codes can be reused to make any other application or could be further modified to introduce more functionality. MySQL database which is open-source software is a very good application for relational database operations and can be integrated easily. It features include fast maintenance, greater scalability and reliability, platform independent, user friendly and provides support for other databases like Informix, Oracle, Sybase.

5) Brief Summery of project(to be duly certified by the industry guide)

Supermarket has become a thriving business opportunity as it was a major benefit to the customer to walk in a single store and get a wide range of products available to them at a single place, hence saving time as they don't have to visit different stores to buy the products. This project deals with the application which is responsible for the management of a supermarket systems like inventory, billing, checkout employee management and many more. The aim is to create an application that would centralize these systems under one application for the ease of the owner to access and manage their business. It also aims to create an application that would also provide a better customer experience and reduce the time the customers spend in the checkout line. This is done by creating an automated billing system which can be further divided into two branches, one for cash customers in which a cashier would be required to authenticate the billing and second with non-cash customers who can either opt for a cashier checkout or save time by opting for self-checkout in a payment would be made in electronic form.

Signature
(Student)

Signature
(Industry Guide)

Signature
(Faculty Guide)