**PROJECT TOPIC: AMOZON**

**Project Group Members:**

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##### Project Mentor: Mr. Pankaj Kapoor (Assistant Professor)

**Introduction to the Topic**

This project is a web based shopping system for an existing shop. The project objective is to deliver the online shopping application into android platform. Online shopping is the process whereby consumers directly buy goods or services from a seller in real-time, without an intermediary service, over the Internet. It is a form of electronic commerce. This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet by using an android device. Thus the customer will get the service of online shopping and home delivery from his favourite shop

**Problem Statement**

The central concept of the application is to allow the customer to shop virtually using the Internet and allow customers to buy the items and articles of their desire from the store. The information pertaining to the products are stores on an Firebase at the server side (store). The Server process the customers and the items are shipped to the address submitted by them. The application was designed into two modules first is for the customers who wish to buy the articles. Second is for the storekeepers who maintains and updates the information pertaining to the articles and those of the customers. The end user of this product is a departmental store where the application is hosted on the web and the administrator maintains the database. The application which is deployed at the customer database, the details of the items are brought forward from the database for the customer view based on the selection through the menu and the database of all the products are updated at the end of each transaction. Data entry into the application can be done through various screens designed for various levels of users. Once the authorized personnel feed the relevant data into the system, several reports could be generated as per the security

**Objective**

The objective of the project is to make an application in android platform to purchase items in an existing shop. In order to build such an application complete web support need to be provided. A complete and efficient web application which can provide the online shopping experience is the basic objective of the project. The web application can be implemented in the form of an android application with web view.

**Working Methodology**

* Firstly we will draw a UI Wireframe for the Amozon.
* Then we will code the Entire Website using ReactJs.
* Using CSS3 we will add creativity and style to the Webpage and we will also take help of Bootstrap.
* Usimg Firebase we created our database.

**Hardware Requirements**

* Processor : Minimum 3rd Generation Intel processor or AMD
* Operating System : Windows
* RAM : 128 MB or higher.
* Hardware Devices : PC or Laptop
* Hard disk : 20GB

**Software Requirements**

* Technology Implemented : ReactJs ,NodeJs, Firebase.
* Language Used : HTML, CSS, JavaScript
* Web Browser : Google Chrome (Version: 84.0.4147.135 or above)
* Code editor : Windows Visual Studio (Version: 16.0 or above)

**Team Contribution**

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| --- | --- | --- | --- | --- |
| **Member** | **ReactJS** | **HTML** | **CSS** | **JavaScript** |
| **Md Rashid** |  |  |  |  |
| **Suraj Garg** |  |  |  |  |
| **Pulkit Ranjan** |  |  |  |  |
| **Ishank Jain** |  |  |  |  |

**Limitation**

* It will require Laptop, PC, Tablets.
* It will require Internet Connect.
* It will require basic Knowledge of Payment.

**Online Git Repository**

**https://github.com/jainishank733/amazon\_clone\_mernstack\_app.git**

**Conclusion**

* A description of the background and context of the project and its relation to work already done in the area.
* Made statement of the aims and objectives of the project.
* We have defined the problem on which we are working in the project.
* We describe the requirements Specification of the system, which describes operations that can be performed on the system.
* We included features and operations in details, including screen layouts.
* We designed user interface and security issues related to system.
* Finally the system is implemented and tested according to test cases.

**References**

* <https://www.geeksforgeeks.org/>
* <https://www.beta-labs.in/>
* <https://www.w3schools.com/>