

CHANDIGARH UNIVERSITY, GHARUAN, MOHALI – 140413,  
PUNJAB



**CHANDIGARH  
UNIVERSITY**  
*Discover. Learn. Empower.*

DEPARTMENT OF AIT-CSE

BE CSE: G&G 5<sup>th</sup> Semester

**Synopsis**

**E-shopping Web Application**

SUBMITTED BY –

**Arnav Sahu**

**20BCG1011**

**Bishal Ganguly**

**20BCG1066**

UNDER SUPERVISION OF -

**Mr. Sant Kumar Maurya**

# **INTRODUCTION**

## **PROJECT OVERVIEW –**

An E-Commerce portal which will allow cu student as well as outside customers to buy product and CU merchandise online. This would allow customers to buy goodies via the World Wide Web by accessing our E-Shopping website. The objective of this project is to create an e-commerce web portal with a content management system which would allow product information to be updated securely using a mobile device. The web portal will have an online interface in the form of an e-commerce website that will allow users to buy goods from the merchants (Chandigarh University).

## **PROJECT SCOPE –**

The project will be based on creating an E-Shopping Web application with the goal in mind to allow users to buy merchandise.

- All phone compatible
- Can also access through website
- Simple UI
- Easy to use
- Secure and easily accessible payment process
- Made in react JS
- Using SQL for database

## **HARDWARE SPECIFICATIONS –**

Any PC or Laptop with a good graphics card like GTX 1650 or RTX 3050 and a strong processor like i5 or Ryzen5.

## **SOFTWARE SPECIFICATIONS –**

WEB BROWSER

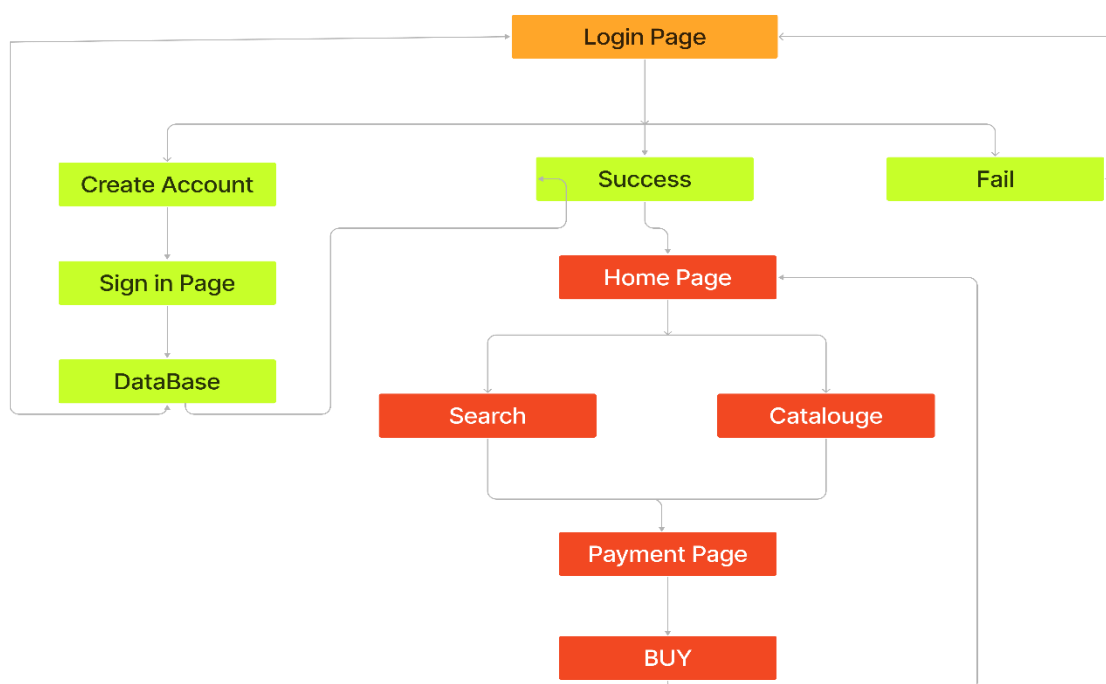
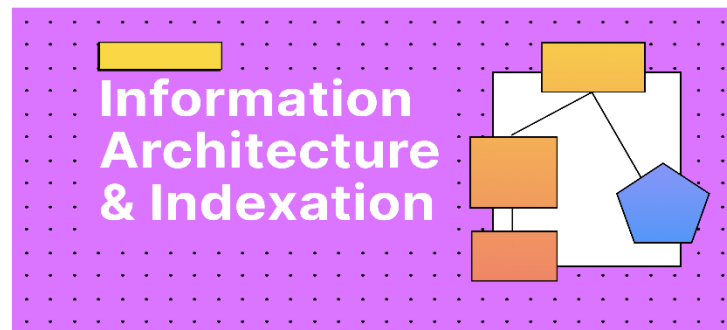
VSCODE

## **PROGRAMMING LANGUAGES USED –**

- REACT JS FRAMEWORK
- JAVA
- HTML/CSS
- SQL (Database)

## METHODOLOGY –

Even if one can prepare a well-thought-out design document, some features do not give the same effect on UI/UX as on paper. During the implementation phase, many features are added, removed, or modified. Accordingly, one needs to make some modifications to website design and requirement analysis. Thus, one of the most suitable development methodologies for WEB APPLICATION DEVELOPMENT is an iterative development process.



## **CONCLUSION –**

The primary goal of this project is to make a E-Shopping website. E-shopping websites will help student in CU to get their dresses directly from university and also for outside customers. Easy to access and user-friendly UI will help user to understand the site and provide an excellent user experience. This project will help university student to easily get cloths and also custom mugs, phone case, and all this will be possible under the guidance of our teacher/ in charge Mr. Sant Kumar Maurya sir, we as a team will develop this E-Shopping web application within the time frame provided to us.