

**Fashion Star**

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| **Semester:** | *IV* | |
| **Batch No:** | *T1.2206.E1* | |
| **Group No:** | *4* | |
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***Month****: 04* ***Year****:2024*



This is to certify that.

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| --- | --- |
| **Mr.** | **PHAM QUOC CHIEN** |
| **Ms.** | **NGUYEN PHUONG HOA** |
| **Mr.** | **TRUONG NGOC MINH CAT** |
| **Mr.** | **LUONG HUU NHAN** |

Have successfully Designed & Developed

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| **FASHION STAR SHOP** | | |

Submitted by:

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| **Mr. TRUONG THANH TRUNG** |

Date Of Issue:

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|  | **02/04/2024** |

Authorized Signature:

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| **Content** | | | |

Content

Acknowledge

Synopsis

Review1 1

Tasksheet 16

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| **Acknowledge** |

As we understand that the Project is a step-by- step learning environment that closely simulates the classroom and Lab based learning environment into actual implementation. It is a project implementation at your fingertips!! An electronic, live juncture on the machine that allows you to.

✓ Practice step by step i.e. laddered approach.

✓ Build a larger more robust application.

✓ Usage of certain utilities in applications designed by user.

✓ Single program to unified code leading to a complete application.

✓ Learn implementation of concepts in a phased manner.

✓ Enhance skills and add value.

✓ Work on real life projects.

✓ Give a real-life scenario and help to create applications more complicated and useful.

✓ Mentoring through email support.

We would like to send great thanks to our professor, Mr. Truong Thanh Trung and others student for the adorable support during the time in project. Besides several mistakes we had made in the project, we hope to have more opportunities to widen our knowledge in web-building world.

We also thank you so much for your information and the e-Project from India APTECH to help us get more reality experience in this project. Since we have gained more experience from this project, we will not stop learning anything as much as we can be more successful in the future.

Your Sincerely,

Team Group 4

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| **Synopsis** |

The Objective of this program we aim is to give a sample project to work on real.life projects. These applications help us build a larger more robust application.

The objective is not to teach us front-end or back-end technology but to provide us with a real-life scenario and help us create basic applications using the tools.

Hence, we can revise the chapters before we start with the project.  
This project is meant for students like us who have completed the module of  
Semester II, as well as special subjects those are Java, Spring Application, Flutter and Dart. These programs should be done in the Lab sessions with assistance of the faculty if required.

The website (in this project) is a world that brings everything about online shopping related to buy more fashionable cloths which enables customer to choose the favourite clothing and purchase via their own computer and smartphone.

It is very essential for us that will have a clear understanding of the subject. Wethink we should go through the project and solve the assignments as per requirements.given

**Review 01**

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| **Problem Definition** |

## Introduction

Fashion Star is one of the business entities major in supplying a wide range of well-known and fashionable products around the globe. Beloved customers can enjoy the best experience of using our service. We are committed to giving the best experience, fair price, and with the best customer service to all customer who want to have a miracle experience with our business.

Indeed, with advancement of the technology, Fashion Star shop would like to develop their own system management with modern tools such as websites and mobile apps. Fashion Star have a plan to direct their customers as well as employees to approach the online platform for saving time and using more features from their services.

## Problem Definition

In today’s digital age, businesses must adapt to meet the demands of tech-savvy consumers. Fashion Star Shop, a thriving retail brand, recognizes the need to enhance its services through modern technology. There are four key aspects of their digital transformation that we would like to introduce in this documentation:

*a. Customer-Focused Web Application:*

The heart of Fashion Star Shop’s online presence lies in a user-friendly web application. Customers can easily register and log in, gaining access to a personalized shopping experience. Customers can explore the entire product coming from many signed up stores with us and even search the products through some functions: searching or filtering. The cart function streamlines the ordering process. Customers can add items, review their selections, and proceed to checkout effortlessly.

Payment Options: Fashion Star Shop supports secure transactions via PayPal and VNPAY, ensuring convenience and trust for their valued clientele. Customer comments and suggestions are actively sought to improve service quality and enhance product offerings.

*b. Mobile App for Shopping:*

Recognizing the ubiquity of smartphones, Fashion Star Shop extends its reach through a mobile app. Customers can place orders anytime, anywhere. The app provides real-time updates on order status. From confirmation to delivery, customers stay informed.

Email Notifications: Order confirmations, shipping alerts, and personalized promotions are delivered straight to customers’ inboxes.

*c. Seller Management Platforms:*

With multiple sellers that they want to join us for contributing our company, efficient order and product management is crucial. Seller at each shop have their own website. They oversee inventory, handle orders, and ensure smooth operations. They can check all products which have been on list of our services. Whether a customer prefers online or in-person shopping, Fashion Star Shop caters to both.

*d. Administrator’s Web Portal:*

Administrator will manage the big picture. A dedicated website allows them to oversee all aspects: with customer accounts: From registration to loyalty programs, administrators handle customer-related matters. Managing all accounts, handling returns, and ensuring timely fulfillment. Seller Oversight: ensuring that all sellers have to be polite.

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| **Customer Requirements Specifications** |

### 2.1 Functional Requirements for website

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| --- | --- | --- | --- |
|  | **User** | **Admin** | **Seller** |
| **1.1. Login / Registered page** | R1: allow users to enter the page with registered account or can register new account to access the page. | R1: Login to account. | R1: allow sellers to enter the page with registered account or can register new account to access the page. |
| **1.2. Profile page** | R1: Change the password.  R2: Allow to see personal information  R3: Personal information can be edited and updated | R1: Create staff’s account.  R1: Manage all staff account | R1: Change the password  R2: Allow to see personal information.  R3: Personal information can be edited and updated. |
| **1.3.Order page** | R1: Can see the details of the deliverables that he/she has made  R2: Can choose the services of order  R3: Can search the fee of orders | R1: Can see all user’s online orders.  R2: Can update the fee of shipment | R1: Can manage all customers ‘orders. |
| **1.4. Product page** | R1: Can see details of the products and search them. R2: can view details of product. | R1: Can manage products, create more products and update them | R1: Can update the products of branch |
| **1.5.Statistic page** |  | R1: Can view all total of online orders of shop | R1: Can view all total of offline orders of branch |
| **1.5.Cart page** | R1: Can view all items they add in the cart  R2: can adjust the items |  |  |
| **1.6.Payment Orders page** | R1: Visit Orders page.  R2: Make payments for orders they have throughbanking or e-wallet platforms. |  | R1: make orders and make payment through banking or e-wallet platforms. |
| **1.9. Chatroom page** | R1: will have a small chat room that they would like to get in touch with seller to ask some questions |  | R1: will have a small chat room that they would like to get in touch with customer to reply some questions |
| **1.8. Sitemap** | R1: Can view the page sitemap. |  | None |
| **1.9. Contact us** | R1: Visit Contact Page.  R2: Can view contact information. | R1: Visit Contact Page.  R2: Can edit contact information. |  |

### 2.2 Functional Requirements for Mobile

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| --- | --- |
|  | **User** |
| **1.1. Login / Registered screen** | R1: allow users to enter the page with registered account or can register new account to access the page. |
| **1.2. Profile screen** | R1: Change the password.  R2: Allow to see personal information  R3: Personal information can be edited and updated |
| **1.3.Order screen** | R1: Can see the details of the deliverables that he/she has made  R2: Can choose the services of order  R3: Can search the fee of orders |
| **1.4. Product screen** | R1: Can see details of the products and search them. R2: can view details of product. |
| **1.5. Cart screen** | R1: Can view all items they add in the cart  R2: can adjust the items |
| **1.6. Chat room screen** | R1: will have a small chat room that they would like get in touch with seller to ask some questions |
| **1.7. payment Orders page** | R1: Visit Orders page.  R2: Make payments for orders they have throughbanking or e-wallet platforms. |

### 2.3. Non-functional Requirement Specifications

**- User-friendly**: The application should be easy to navigate with clear menus and other elements and easy to understand.

**- Operability**: The application should operate in a reliably efficient manner.

**- Performance**: The application should demonstrate high value of performance through speed and throughput. In simple terms, the application should be fast to load and page redirection should be smooth.

**- Scalability**: The application architecture and infrastructure should be designed to handle increasing user traffic, data storage, and feature expansions.

**- Security**: The application should implement adequate security measures such as authentication. For example, only registered users can access certain features.

### 2.4. System Requirement Specifications

2.**4.1 Server Requirement:**

* Hardware:
* Component CPU:
  + Processor type:
  + Pentium IV-compatible processor or faster
  + Processor speed: Recommended: 2.0 GHz or faster
* OS:
  + Microsoft Windows XP or higher with IIS
* Memory (RAM):
  + Minimum: 512MB
  + Recommended: 2GB or more
* Hard Drive:
  + Minimum: 200 MB
  + Recommended: 50 GB or more
  + Maximum: Operating system maximum
* Software:
* Java Spring Boot Application Version 3.0 or more
* RDBMS MySQL
* Flutter and Dart

2.**3.2 Client requirements:**

* Hardware:
* Component CPU:
  + Processor type:
  + Pentium IV-compatible processor or faster
  + Processor speed: Recommended: 2.0 GHz or faster
* OS:
  + Microsoft Windows XP or MacOS …
* Memory (RAM):
  + Minimum: 512MB
  + Recommended: 2GB or more if website, 16GB if using virtual machines for mobile
* Hard Drive:
  + Minimum: 512MB
  + Recommended: 1 GB or more
* Software:
* Web Browser: Microsoft Edge, Mozilla Firefox, Chrome

2.**3.3 Development Software:**

* Spring Tool Suite
* MySQL Workbench
* Microsoft Visual Code
* Android Studio

**2.3.4 Technology:**

* Java Spring Boot Application
* Web: React
* Database: MySQL
* Mobile: Flutter, Dart

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| **Project Title:**  Fashion Star Shop | | **Activity Plan**  **Prepared**  **By:** | **Date of Preparation of Activity Plan:** | | | |
| **Sr. No.** | **Task** | **Actual Start**  **Date** | **Actual**  **Days** | **Team Mate Names** | **Status** |
| 1 | Introduce | All Members | 02 Apr 2024 | 1 | All members | Completed |
| 2 | Problem Definition | 02 Apr 2024 | 1 | All members | Completed |
| 3 | Requirement & Non-functional requirement | 02 Apr 2024 | 1 | All members | Completed |
| 4 | Process Analyst & Task sheet review | 02 Apr 2024 | 1 | All members | Completed |