**Project charter**

**Project Title**: Bookstore website management

**Start Date**: March 7 2023 **Due Date**: April 30 2023

**Project vision**: An convenient and easy-to-reach shop

**Description**: The goal of this project is to design, develop, and launch a fully functional e-commerce website that will allow customers to purchase products and services online and allow admin to manage website and customer’s orders. The website will provide a user-friendly interface, a secure payment gateway, and an efficient delivery system to ensure customer satisfaction.

**Project Objectives**:

* Create a modern, attractive website design that is easy to navigate.
* Create a mobile-responsive website that can be accessed on any device.

For customer:

* Implement a secure payment gateway to protect customer information.
* Develop an efficient order and delivery system to ensure timely delivery of products and services.
* Provide a seamless user experience throughout the entire purchasing process.

For admin:

* Implement a place for admin to manage products and orders of customers

**Scopes:**

* Tasks: Complete all part of creating a website including design, frontend and backend
* Deliverables:

Visitor features: View home page

View Product details

Registered member: Login to site

Manage account

Add to cart

Make order (apply voucher)

Online payment

Admin panel: Login

Manage products

Manage orders

**Stakeholders:**

* Project Sponsor: CEO
* Project Manager: Linh
* Web Designer: All members
* Web Developer: All members
* QA Tester: All members
* BA: All members
* Customers: Hanu students

**Main Project Success Criteria**:

* Deliverables completed on time: The project should be completed within the agreed-upon timeline, and all deliverables should be completed and submitted on or before the set deadline.
* Budget adherence: The project should be completed within the allocated budget, and no significant cost overruns should occur.
* Quality standards met: The project should meet the quality standards agreed upon at the start of the project, with no major defects or issues.
* Stakeholder satisfaction: The project should meet or exceed the expectations of all stakeholders, including clients, customers, team members, and investors.
* Risk management: The project should identify and manage potential risks proactively, with minimal negative impact on the project's success.
* Employee satisfaction: The project should provide a positive work environment, fair compensation, and clear communication to all employees involved.
* Scalability: The project should be designed with scalability in mind to ensure that it can accommodate future growth and expansion.

**Constraints**

* Time constraints

The project schedule is based on the project start date. Due to following agile software development, apart from the first three sprints, all other sprints will last 7 days. The due date for the complete project to be released is 4/29/2023.

* Budget constraints

The website will be temporarily deployed to firebase which is free of charge with some provided services. However, expenses for the development team are needed, which is estimated at about 2000$/member.

* Resource constraints

Design tools: figma, draw.io

Development tools: intellij idea, visual studio code

Storage tools: github, google drive

**Roles And Responsibilities**

| *Name* | *Role* | *Contact information* |
| --- | --- | --- |
| Đàm Thị Linh | Team lead, BE, FE, tester | 2001040116@s.hanu.edu.vn |
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**Assumptions**:

* The project team has the necessary skills and resources to complete the project.
* Customers will embrace the new website and find it easy to use.
* The website will be completed on schedule and within budget.

**Project Risks:**

* Delays in development due to unexpected technical issues.
* Security breaches that could compromise customer information.
* Poor website performance due to high traffic volumes.
* Budget overruns due to unforeseen expenses.