

Conditions of Satisfaction

Project Overview

This project will consist of an e-commerce bookstore that allows users to sign up, log in/out, list, purchase, and sell books. The purpose of this document is to define the conditions of satisfaction for the development of a web application for these purposes.

Key Objectives

1. Users can create accounts with unique usernames and passwords, can log in securely using their credentials, and there will be a password reset functionality for users who forget their passwords.
2. Users can create and update their profiles with personal information, including a profile image.
3. Users can list books for sale by providing book details such as title, author, description, condition, price, and images. Users will be able to view, edit, update, or delete their book listings.
4. Users can search for books using various filters and then view detailed information about each of these book listings.
5. Users can add books to their cart for purchase, view and edit the contents of their shopping cart, complete the purchase by providing shipping and payment information, and will receive confirmation of their purchase.

Key deliverables

- Easy access to the site with a device and internet connection
- Account creation and the ability to log in/out
- Functional Web Application
- User Documentation
- API Documentation
- Database Schema Documentation
- Test Plan & Test Cases
- Source Code
- Deployment Instructions
- Performance Optimization Report
- Support and Maintenance Plan
- Training Materials
- Backup and Disaster Recovery Plan
- Project Documentation
- Release Notes

- Legal and Licensing Documentation

Quality criteria (performance, usability, security)

1. All key features and functionalities listed in this document are fully implemented and functional.
2. The web application is free of critical bugs, errors, and security vulnerabilities.
3. The web application is tested and compatible with major web browsers.
4. The web application is deployed and running on the specified hosting platform.
5. Documentation is provided for both end-users and developers, including user guides and API documentation.
6. The project owner and stakeholders conduct a thorough review and accept the final deliverable.

Budget

The budget should remain relatively steady throughout the project. An above-average salary can be expected to be paid to developers. Slightly extra should be paid to give the development team profits themselves, and to allow adjustments of the budget as needed. The constraints of the budget should be relatively sturdy but may fluctuate as necessary.

Timeline

- The project is expected to be completed by December 5, 2023.

Other constraints

1. Ensure that the legal aspects of the project deliverables and documentation are properly handled.
2. Ensure there is no violation of copyright laws or procedures.
3. Comply with data collection and protection laws.
4. Comply with consumer protection laws.
5. Create a backup plan to follow in the situation where a data breach occurs.
6. Ensure that the client has proper access to the software, hardware, or other technical aspects needed.
7. Maintenance and support from the developers and company will be provided to the client for a time period after the deployment of the web application.