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INFM482
Dr. Liu
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Project Scope

Introduction

This capstone project is being undertaken to create a web application for a nail technician's customer to easily book appointments. Stakeholders of this project include current customers, the nail technician/business owner, interested customers, customers making comparative analysis, nail technicians, and other nail salons.

Requirements and Goals

This project will include research, user interface design, front-end development, client-server development, and backend development. The front-end development will serve as an interface that will allow users to book a nail appointment that communicates with the backend databases.

Deliverables

Project deliverables include a logo, a user interface prototype, and a web application with an appointment booking system and a contact form. The logo will be created in Adobe Illustrator. The first low-fidelity prototype and the final high-fidelity prototype will be created in Figma. The web application will be constructed with the help of Bootstrap. The client-server connection will be connected through PHP. The back end will be created within MySQL via XAMPP.

Project Acceptance Criteria

The client and business owner will review Version 1.0 of the web application before publicly launching the platform. The user interface prototypes will be reviewed by Professor Liu to begin the front-end development. The database design will be implemented by creating an entity-relationship diagram and then development will also be reviewed by Professor Liu to ensure that the forms will collect accurate and required information for data storage.

Project Acceptance Criteria

For the final version of the application, it will be analyzed for its usability by current customers and the business owner. The entire capstone project will seek review and approval from Professor Liu.

Exclusions

Components that will not be included within the project are acceptance of payment to the nail technician for each appointment booking. Another component that will not be included is the ability to change or modify appointments prior to the actual appointment date.

Constraints

Constraints may include communication delays, changes in scope, and technical difficulties. Communication delays may result from email and zoom meetings. Changes in scope may change due to technical issues, such as database and server issues. Thus, the scope may either change due to having to cut down on required components previously discussed or change due to the client's direction in the project.

Change Control Process

Any modifications to the project should be submitted to Professor Liu, who will assess the request and approve or deny it. Necessary stakeholders that are involved in the development process should also be included in the initial request. With possible changes, they may be written out in email and sent to Professor Liu and then the business owner. After approval or denial, the changes may be documented in the project paper's appendix after it has been applied.