Team 5 CSC 4350:
Software Engineering
Dr. Rao Casturi

Team Members:

1. Nga Vu
2. Bao Le
3. Jisoo Park
4. Aleeza Iftikhar
5. Guillermo Clara

Project Name: **Salon Booking Website**

Project Description

Introduction

We always require an appointment before visiting a store to provide a given service since the COVID-19 epidemic has altered the way things work in the world as we know it. and everyone began to do it often, as well as salons for hair, nails, lashes, and other services.

The concept put out by our group was to build a salon booking website. Online appointment scheduling is one of the simplest ways, in our opinion, to expand a company. It's fewer mistakes, more organization for the business owner, and more flexibility for clients because they can make appointments 24/7. The website will have 2 sides, 1 side for the business owner to manage the appointment and staff. and another side is for clients who can make appointments online through the website. Of course, the owner can also make appointments for clients in case clients don't know how to make one. When making the appointment, the client will follow a few steps. First, they will have to fill in their information which is name, phone number, and email; second, they choose the service that they want; and third, choose the time and stylist they want then confirm the appointment. after that, the system will email the owner to tell them they have a new appointment with that client. and send another email to the client to confirm the appointment that they are just made.

Our goal in creating this program is to assist the business owner in moving away from pen and paper so they won't miss any opportunities and there will be fewer empty chairs. The company will expand quicker and better after that.

Technologies

React will be used on the client-side (front end) and Django will be used for the business owner (back end). We'll be using MySQL to create a database with tables for customer information, appointment information, and business information (which will contain passwords and email information). We will be creating our own database.

Team-Bio Data

Bao Le is a senior studying computer science at GSU and has been programming for over three years. Bao is familiar with MySQL and has a basic understanding of Python, HTML, CSS and WorldPress. He has used WordPress for front-end assignments and projects to create commercial websites. He is capable of managing his time well and is adaptive to most changes.

Guillermo Clara is a senior Computer Science major at Georgia State University. Through class and personal projects, Guillermo has advanced/moderate experience in both Java

and Python. In addition, he has worked as a Web Developer, where he gained experience in both front-end and back-end development.

Nga Vu is a senior CS student at GSU with nearly four years of school related programming experience. Nga has intermediate knowledge of Javascript, HTML, CSS also familiar with SQL and React. Nga has done several front-end assignments through the web development class offered at GSU. Nga has a chance to practice hand-on projects while interning at a software company in the last semester. Nga had experience on making projects with Javascript in the past and is generally interested in learning many of the new technologies that will be applied in this project. Nga has good time management skills and is fairly adaptable and flexible to changes.

Aleeza Iftikhar is a junior CS student at GSU. Through her course work, she has gained intermediate experience in Java, C++ and basic experience in HTML, CSS, and Python. She also has experience of developing android and web application using Flutter. She is a quick learner and shows interest in developing web app in a new framework like React.

Jisoo Park is a Senior pursuing a computer science degree at Georgia State University. She has proficiency in C#, Java, and python. And through her internship at Shaw industries as an IT Co-op, she has gained skills and knowledge in front-end and back-end development. Jisoo has also picked up skills in SQL, CSS, HTML, and Blazor. Jisoo is a quick learner who is able to adapt to unexpected changes in the project.

Why did we pick this project?

We selected this project since its needs fit each team member's expertise. Booking online is not too weird for everyone. If we can offer this software to company owners and help them use this technology to build their businesses, it can also assist us financially with this initiative.