**Team Name:**while(e\_coyotes)

**Team Members:**

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**Problem Statement:**

Most small businesses have limited access to quality and inexpensive software packages that can enhance their efficiency and customer experience. Specifically, businesses such as cosmetology are often reliant on access to modern technologies but tend to lack the customization and features they need to best operate.

**Project Overview**

This project seeks to create a containerized Operational Management System on a web application for a salon. With a goal to make it modular for easy customization of multiple features. Our project will focus on an onsite web application. The application will have an employee login with varying levels of access that determine what information users can view and edit. Additional features of the application will be employee schedules and booking that can communicate availability, admin management, analytical dashboards for management, automated performance metrics, and promotion feedback for employees.

**Goals**

1. Stand up a containerized front-end user interface with a login area and the necessary SQL tables.

2. Build out the scheduling, booking, and admin user and site management features.

3. Implement analysis dashboard with performance metrics and promotion feedback.

**Stretch Goals**

1. Add a point-of-sale system.
2. Develop feature for a second business type.

**Specifications**

The application will be composed into a Docker image and stored on a modern open-source repository. This application will be primarily coded in Python, utilizing a web service package, with JavaScript being used where necessary. The backend will consist of a relational database such as MySQL or MariaDB.