**Team 1 Project 2 Spring 2024 CSCI 440-01E:**

Barry Lu, Jack Usery, Julio Nunez, Ori Reyes, Patrick Mull, William Carreon Mendez

**CSCI 440-01W Project 2 Charter**

Team 1: William Carreon, Julio Nunez, Orienth Reyes, Patrick Mull, Jack Usery, Barry Lu

Topic: Hotel Booking Webpage Machine Learning

Purpose (what problem are we solving?): Use Machine Learning to predict the number of bookings on future dates.

Elements: HTML/CSS/JS/PHP frontend, Python (Flask) backend, MySQL database, Pandas, Sklearn, Cat boost.

Code Repository: GitHub <https://github.com/tabledrop/Hotel-Booking-Prediction-Model>

Project Idea submission due on 02/07/2024

Project Completion due on 04/19/2024

Project management methodology: Agile