

Statement of Work

A. **Introduction/Background**

Los Portales Theatre needs a system to sell seats for a play on June 1st, 2022. This project will be implemented in 5 stages listed below.

Stage 0: Team Formation

Stage 1: Requirements Specification

Stage 2: Design Specification

Stage 3: Risk Analysis and Test Specifications

Stage 4: Code and Final Report/ Project Demo

B. **Objectives**

The objective of this project is to deliver a functional system that allows customers to view, select and purchase available seats for the play on June 1st, 2022.

C. **Scope of Work**

Team 7 will construct a system that provides a visual of seats that are available for purchase and seats that are unavailable based on the seating arrangement of the theatre. There will be 8 rows with 12 seats in each row. We will provide a platform for customers to purchase the selected available seating without having to create an account. The only information needed from the customer will be a name, email, address, form of payment and card information. Ultimately a customer will be able to view the play for the respective date and select available seats then enter it in a cart where they can begin the checkout process to complete a purchase.