
Statement of Work

for

Project-Theater

Version 1.0

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The purpose of this project is to develop an online system (so the customers can access it anywhere and anytime) to sell seats for different plays at the “Los Portales” theatre. The theatre does not have a system in place to do this, so it will be a new process.

The types of users are people wanting to attend one or more plays offered by Los Portales theatre, the administrator, and the theatre owner.

Sitemap and Page Descriptions

1. welcome.html will be a welcome page that shows the names of all plays the theatre offers with links that go their respective 'theatre seats selection' page. However, these links are disabled but will be enabled for customers who have

successfully registered (by filling out all what is asked on their registration page). This page asks the user to log in to see the available seats for any play they select, or to please register. If the administrator logs in, the passwords table will recognize it and display a link that will go to the administrator page.

2. register.html will be a registration page for users (that when filled out properly, creates a table for that customer to contain which seats they have requested for each play that they requests seats from.

3. seatsselection.html will be the basis for theatre seats selection pages, where seats can be requested by a registered customer (or found to not be available), and has a checkout button. For each play that the theatre offers, a unique version of the seatsselection.html 'template' will be offered, for ex., for the first play offered, the actual page showing will be named seatsselectionplay1.html

4. cart.html will be the shopping cart page, that shows which seats the customer has requested for each play offered by the theatre (that they can edit) and the total price for them, and has a Pay button which when clicked, asks the user for a credit card number and simulates the sell using that credit card. If after a customer goes to their shopping cart page and before they click the Pay button, if any requested seats has already paid for by another customer, adjustments will be made.

Additionally for simulating the sell, a report of their transaction will be shown, with a transaction ID (this is a consecutive number for each transaction), the name of the play(s), the date(s) and time(s), the seat(s) bought for those plays. Optionally, an email will be sent to the customer with the purchase details.

5. admin.html will be the administrator page, where the administrator cab add or remove plays, modify seat prices for all plays, and can "generate a report to see how many seats have been sold for a specific play and date."

Non-Functional Requirements

The application must be built in HTML, JavaScript, PHP, and SQL

The application must be hosted on 000webhost.com

The application must work in all modern browsers

The application must be able to support 100 simultaneous users

Optionally, the system must be optimized for mobile devices or tablets.

The developers' work locations are both 1. onsite to put a server in place to receive the functioning software being supplied by the 2. online uploads from the developers (not onsite).

The developer's payment terms for the theatre owner are per a milestone arrangement.