

# Los Portales Theatre System Progress

March 27th, 2022

*Team Lead: Stephen Villanueva*

*Scribe: Trey Allen*

## Overview

Our team has successfully deployed a web server for public access, configured a cPanel (control panel), secured a domain name, and encrypted incoming traffic for safe transactions. Furthermore, the team has begun designing a landing page after discussing and confirming clients' necessities. The navigation bar and registration/login forms have been completed. Upon adding to and editing our functionality, diagrams and documentation will also update as applicable.

Note: cPanel configuration includes file managers, FTP accounts, databases using MySQL, and SSH access. The website is not accessible without a password during development (for testing). DDoS protection is being offered through Cloudflare's nameservers.

## Future

The team will continue to design and build the front-facing and back-end software application. Team members will adjust the database tables to accept entries required by the client. By next check-in, the two parts (front-facing and back-end) should be entirely integrated, at which point touch-ups will be made to prepare the live prototype. This process is known as product testing. Target completion remains mid-May, fulfilling all software requirements as outlined in the SOW.

## 1 Front-End

This section focuses on what is available to the general public with the deployment of the web server mentioned above. Consider the following the backbone and structure to the web application.

### 1.1 Domain Name

DOMAIN	PRIVACY PROTECTION	EXPIRES ON
losportalestheatre.com	On Info is private	March 21, 2023

## 1.2 Navigation Bar













Note: subject to change pending design finalization.



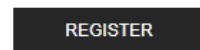
## 1.3 Registration and Login Form





Note: subject to change pending design finalization.



	<input type="text" value="Name"/>	
	<input type="text" value="Email"/>	
	<input type="password" value="Password"/>	
	<input type="text" value="Age"/>	
	<input type="text" value="Address"/>	
	<input type="text" value="Phone"/>	

Already registered?



	<input type="text" value="Email"/>	
	<input type="password" value="Password"/>	



## 2 Back-End



















This section focuses on the work being done "behind the scenes" (not accessible by the users) to store and manipulate data to perform the clients' requests.

### 2.1 Security

Refer to the following documents:

- Statement of Work (SOW), page 4, "Security"
- Software Requirements Specification (SRS), 3.3.2, "Security"

#### SSL Encryption (HTTPS)

<input type="checkbox"/>	Domain	Certificate Status
<input type="checkbox"/>	 losportalestheatre.com	 AutoSSL Domain Validated Expires on June 20, 2022. The certificate will renew via AutoSSL. <a href="#">View Certificate</a> <a href="#">Exclude from AutoSSL</a>
<input type="checkbox"/>	 mail.losportalestheatre.com	 AutoSSL Domain Validated Expires on June 20, 2022. The certificate will renew via AutoSSL. <a href="#">View Certificate</a> <a href="#">Exclude from AutoSSL</a>
<input type="checkbox"/>	 www.losportalestheatre.com	 AutoSSL Domain Validated Expires on June 20, 2022. The certificate will renew via AutoSSL when the parent domain "losportalestheatre.com" renews. <a href="#">View Certificate</a> <a href="#">Exclude from AutoSSL</a>
<input type="checkbox"/>	 cpanel.losportalestheatre.com	 AutoSSL Domain Validated Expires on June 20, 2022. The certificate will renew via AutoSSL. <a href="#">View Certificate</a> <a href="#">Exclude from AutoSSL</a>
<input type="checkbox"/>	 webmail.losportalestheatre.com	 AutoSSL Domain Validated Expires on June 20, 2022. The certificate will renew via AutoSSL. <a href="#">View Certificate</a> <a href="#">Exclude from AutoSSL</a>
<input type="checkbox"/>	 webdisk.losportalestheatre.com	 AutoSSL Domain Validated Expires on June 20, 2022. The certificate will renew via AutoSSL. <a href="#">View Certificate</a> <a href="#">Exclude from AutoSSL</a>
<input type="checkbox"/>	 cpcontacts.losportalestheatre.com	 AutoSSL Domain Validated Expires on June 20, 2022. The certificate will renew via AutoSSL. <a href="#">View Certificate</a> <a href="#">Exclude from AutoSSL</a>
<input type="checkbox"/>	 cpcalendars.losportalestheatre.com	 AutoSSL Domain Validated Expires on June 20, 2022. The certificate will renew via AutoSSL. <a href="#">View Certificate</a> <a href="#">Exclude from AutoSSL</a>
<input type="checkbox"/>	 autodiscover.losportalestheatre.com	 AutoSSL Domain Validated Expires on June 20, 2022. The certificate will renew via AutoSSL. <a href="#">View Certificate</a> <a href="#">Exclude from AutoSSL</a>

## DDoS Protection

### DNS

#### NS 1

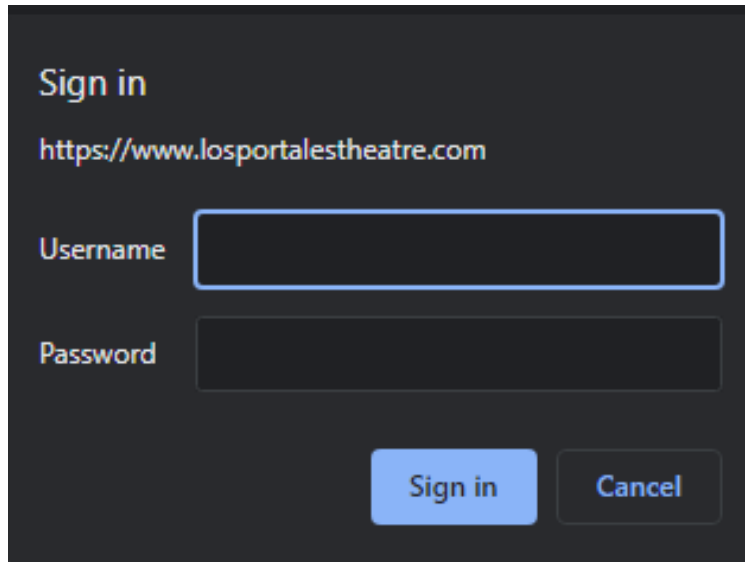
ns6545.cloudflare.com

#### NS 2

ns6546.cloudflare.com

## Password Protection

This area has two sub-categories; one showing the credential prompt, one showing an unauthorized attempt (respectively).

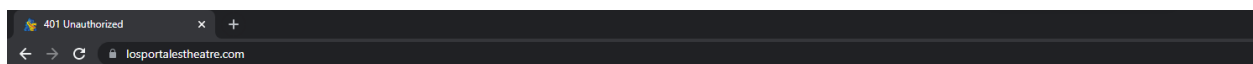


Sign in

<https://www.losportalestheatre.com>

Username

Password



### Unauthorized

This server could not verify that you are authorized to access the document requested. Either you supplied the wrong credentials (e.g., bad password), or your browser doesn't understand how to supply the credentials required. Additionally, a 401 Unauthorized error was encountered while trying to use an ErrorDocument to handle the request.

## 2.2 Web Server

### cPanel

The screenshot displays the cPanel web interface. The main area is organized into several functional categories:

- EMAIL:** Includes tools for Email Accounts, Forwarders, Email Routing, Autoresponders, Mailing Lists, Global Email Filters, Email Filters, Email Deliverability, Address Importer, Spam Filters, Encryption, BoxTrapper, Calendars and Contacts, and Email Disk Usage.
- FILES:** Includes File Manager, Images, Directory Privacy, Disk Usage, Web Disk, FTP Accounts, FTP Connections, Anonymous FTP, Backup, and Backup Wizard.
- DATABASES:** Includes phpMyAdmin, MySQL® Databases, MySQL® Database Wizard, and Remote MySQL®.
- DOMAINS:** Includes Domains, Addon Domains, Subdomains, Aliases, Redirects, and DNS Zone Editor.
- METRICS:** Includes Visitors, Errors, Bandwidth, Raw Access, Awstats, Webalizer, and Webalizer FTP.
- SECURITY:** Includes SSH Access, IP Blocker, SSL/TLS, Manage API Tokens, Hotlink Protection, and SSL/TLS Status.
- SOFTWARE:** Includes WordPress Manager by Softaculous, PHP PEAR Packages, Perl Modules, Site Software, Optimize Website, Application Manager, and MultiPHP Manager.

The right-hand sidebar provides **GENERAL INFORMATION**:

- Current User:** street
- Primary Domain (DV Certificate):** support@street.com (REDACTED)
- Home Directory:** /home/street (REDACTED)
- DNS:** NS 1: ns0545.hostgator.com, NS 2: ns0546.hostgator.com
- BACKUPS:** Status: finished, Do not notify: checked, CodeGuard: Not Active, Files: 358 / 100000, Size: 6.45 / 20000 MB. A success message states: "Success: If Backups ran now, your account would be backed up."
- USAGE:** Inodes: 358 / ~, Processes: 0 / 25, CPU Load: 0 / 25 %, Memory Usage: 0 / 25 %.
- STATISTICS:** Aliases: 0, Addon Domains: 0.

### Remote Access (FTP, SSH, and MySQL)

This section provides a detailed view of the **FILES** and **DATABASES** categories from the cPanel interface.

**FILES:**

- File Manager
- Images
- Directory Privacy
- Disk Usage
- Web Disk
- FTP Accounts
- FTP Connections
- Anonymous FTP
- Backup
- Backup Wizard

**DATABASES:**

- phpMyAdmin
- MySQL® Databases
- MySQL® Database Wizard
- Remote MySQL®

### 3 Design

Note: this is a very rough drawing/sketch to allow for more brainstorming. Content shown may not yet match the forms and navigation bars seen earlier in this document.

