

Playlist Palooza



Team Whisky

Web Development I – Project Report
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Planning and Preparation

To initiate the development of PLAYLIST PALOOZA, we began by studying websites with similar goals, like Evenko, Ticketmaster, and SeatGeek. Our aim was to get ideas from these sites. After that, we figured out the basic structure, layout, how to move around the site, and the most important content for PLAYLIST PALOOZA. This step helped us build a strong foundation for our design to make sure it meets the users' needs.

rephrase this: Once we had a good grasp of the key elements needed for Playlist Palooza, we moved on to defining its structure. We mapped out the core framework, including the layout, how users would navigate the site, and what content was most essential. Our goal was to create a platform that would be user-friendly, intuitive, and meet the expectations of our target audience.

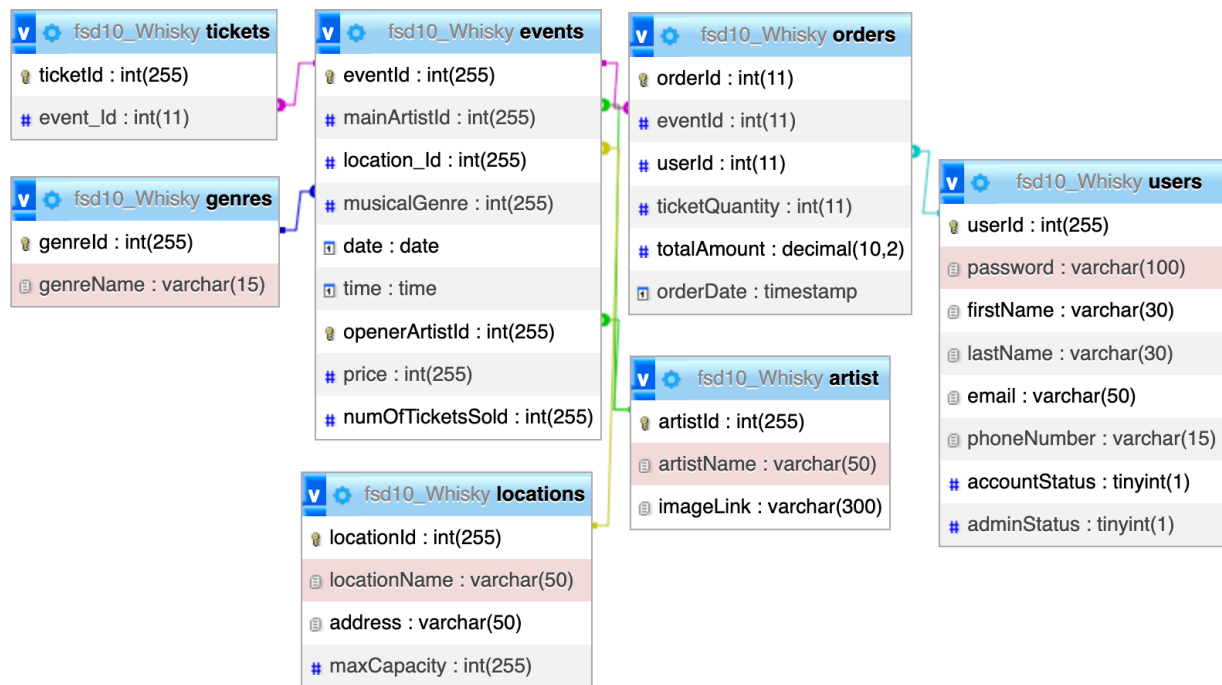


The Ticketmaster logo, featuring the word "ticketmaster" in white lowercase letters on a blue rectangular background.

The Evenko logo, featuring the word "evenko" in white lowercase letters on a black rectangular background. The letters are stylized, with the 'e' and 'o' having vertical bars through them.

The SeatGeek logo, featuring the words "SEAT GEEK" in red uppercase letters on a black rectangular background.

ERD Diagram



The Wireframe, The Research and The Target audience

Created using Figma, we selected color palettes centered around yellows for their warmth and ability to evoke feelings of joy and levity. We also incorporated contrasting shades of black and white to serve as accents for elements of secondary significance.

A "palooza" is best described as an event that is fun and colorful, and this is the feeling we aim to convey to our users.

Our target audience spans a wide range, from young teenagers to seniors. As we design our website to be user-friendly, our goal is to make visitors of all ages feel comfortable when visiting and browsing for their next exciting events.

We designed our logo to represent the initials of our company name P.P. with musical notes along with yellow as our main color.



Website Details

<https://playlistpalooza.000webhostapp.com/>

<https://github.com/NComGit/PlaylistPalooza>

Goal:

Our overall goal is a ticket booking and event management platform for music concerts and events. Our primary goal is to allow users to browse and search for events, view event details and purchase tickets. Playlist Palooza is designed to facilitate event discovery, ticket booking, and provide a seamless experience for users who want to attend music events. We focus on making it is user-friendly with stylish design.

Our Vision

“We believe live events are powerful experiences that unite humans.”



Description of website:

1. Home Page:

- ☐ Features promotional content and showcases events/artist ordered by date.
- ☐ Users can access other sections of the website from here.

2. Search and Event Listing:

- ☐ Users can search for events/artists using the search bar.
- ☐ The "Search Results" section displays a list of events matching the search.
- ☐ Users can click on events to view details or proceed to ticket purchase.

3. Event Details Page:

- ☐ Shows detailed information about a specific event, including the main artist, opening act, location, date, time, and ticket price.

4. Checkout Page:

- ☐ Users can confirm the number of tickets they want to buy and complete their purchase.
- ☐ If not authenticated, they are redirected to the login page.

5. Confirmation Page:

- ☐ A confirmation page is shown once a user successfully purchases the ticket(s).
- ☐ The page displays event details, the number of tickets purchased, total price, and a confirmation number.

6. Login Page:

- ☐ Users can log in to their accounts or register for new accounts.
- ☐ Authentication is required for ticket purchase.

7. Registration Page:

- ☐ New users can create accounts by providing necessary information.

8. User Profile:

- ☐ Registered users can update their profile information.
- ☐ Registered users can also view past purchases.

9. Contact us Page:

- ☐ Users can get basic company information.
- ☐ Users can fill in form to contact us.

10. Admin Page:

- ☐ Admin can manage users, events and artists.

Overall workflow:

1. Users start on the Home Page.
2. They can either search for events directly from the Home Page or explore featured events.
3. After a search, they view a list of events matching their keyword in the Search Results section.
4. Users can click on specific events to access its details.
5. On the Event Details Page, they can view the event's details and proceed to ticket purchasing.
6. Users then proceed to the Checkout Page, where they confirm the purchase and complete the transaction.
7. If not authenticated, they are directed to the Login Page, where they can log in or register.
8. After successful purchase, users receive confirmation on the Confirmation Page.
9. Registered users may also have access to a User Profile section for account management.
10. A separate admin page is accessible by login on using admin email/password that allows the admin to edit/delete users, events and artists.

Communications:

16/10/2023:

- Sophie started the wireframe and planned to continue, discussing design with the team.
- Bo Kyung began working on an ERD but had issues setting up a database.
- Nicholas worked on compiling research plaintext for the initial milestone.

17/10/2023:

- Sophie completed the home page design and moved on to the individual event page.
- Bo Kyung updated the ERD.
- Nicholas finished the research plaintext and started designing contact us and user settings pages.

18/10/2023:

- Sophie finished various pages, fine-tuned the wireframe, and began coding.
- Bo Kyung reviewed phpMyAdmin for the database and started coding.
- Nicholas finished contact us and user settings pages, then started coding.

20/10/2023:

- Sophie worked on the header and footer.
- Bo Kyung tackled the Contact Us and User Login/Sign Up.
- Nicholas focused on the Homepage and Event page.

23/10/2023:

- Nicholas began the Homepage and Event page, linking with the header and footer.
- Sophie started the header and footer, organizing files and integrating navigation elements.
- Bo Kyung worked on login/signup/contact us pages and started PHP integration.

24/10/2023:

- Sophie separated the header and footer into individual files and dealt with social media icons.
- Bo Kyung added headers/footers to existing pages and began adding PHP.
- Nicholas made styling adjustments and started work on the eventPage.php based on feedback.

25/10/2023:

- Sophie worked on file separation, links, and fixing header styling.
- Bo Kyung created contact.php and updated the ERD.
- Nicholas made styling adjustments and began implementing PHP functionality.

26/10/2023:

- Sophie fixed header/footer issues, created a user checkout page, and worked on search functionality.
- Bo Kyung worked on login.php and database integration.
- Nicholas re-implemented header and footer, also dealing with database integration.

Communications (continued):

27/10/2023:

- Sophie continued work on the navigation, login/logout code, and debugging.
- Bo Kyung worked on login/signup and encountered issues with accountStatus/adminStatus data.
- Nicholas made progress on the homepage, fixed styling, and worked on footer icons.

30/10/2023:

- Sophie worked on the search bar, login/logout code, and checkout page.
- Bo Kyung implemented PHP functionality, organized files on GitHub, and tested the page.
- Nicholas continued working on homepage and event page, focusing on styling and load more functionality.

31/10/2023:

- Bo Kyung created success.php and admin.php pages, added offcanvas sidebar, and worked on updatingProfile.php.
- Nicholas worked on implementing loadMore functionality and resolved issues with AJAX requests.
- Sophie advanced the search function, checkout page, and fixed technical issues.

01/11/2023:

- Bo Kyung finished implementing functions for updateProfile.php and worked on the admin panel.
- Nicholas completed loadMore functionality, added a slideshow, and fetched data from the database.
- Sophie made progress on the search function, checkout page, and dealt with MAMP crashes.

02/11/2023:

- Bo Kyung finished the admin panel for managing users and events, merged sidebar functions, and deleted success.php.
- Sophie continued work on the search function and checkout page.
- Sophie also encountered issues with an image in index.php.

03/11/2023:

- Bo Kyung added option to admin to update image and add option to admin to create new events.
- Sophie finalized the tickets.php, tweak some css and work documentation.
- Nicholas set up an account with a web hoster and uploaded the necessary files, except the DB, and the site should be publicly available.

Post-Mortem:

What Went Wrong:

1. **Technical Challenges:** We faced technical challenges, such as setting up the MySQL database, styling issues, and debugging problems. These issues caused delays and disruptions.
2. **Data Fetching Issues:** There were difficulties in fetching data from databases, especially when working with test databases. We also faced problems with data retrieval.
3. **Integration Problems:** We encountered issues when integrating PHP functionality into different pages.

What Went Right:

1. **Progress on Design:** We successfully completed various design elements, including wireframes and page layouts, which is a positive step.
2. **Team Collaboration:** We maintained open communication about their progress and challenges, demonstrating a collaborative spirit.
3. **Functional Development:** We started implementing crucial functions like login, signup, search, and load more features.

What Would You Do Differently:

1. **Regular Code Reviews:** Conduct regular code reviews to identify and resolve integration issues promptly.
2. **Strengthen Database Skills:** Invest time in improving and reviewing database knowledge.

How Could You Improve the Website:

1. **User Experience:** Prioritize improving the user experience, from a user-friendly interface to responsive design and efficient navigation.
2. **Having more events:** Spending time on creating more events in the database to ensure a real-life website experience.

Project Feedback

We generally had a great learning experience and a great experience working as a collective. We all put in a lot of effort to make projects happen. In the future, we should work on improving our technical skills, do more code reviews, and pay more attention to making the project user-friendly.