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Capstone Proposal

CIS 2987

Project Title

Voyager

Project Overview

Voyager is a website that allows users to enter a travel destination and immediately see top hotels, restaurants, and activities for that area and travel time. It focuses on user-friendly, intuitive design with modern UI/UX principles.

Problem Statement

While there are different apps and websites out there that will give users the ability to book flights, hotels, and so forth for travel purposes, there isn't a site that gives users an overview of top hotels, places to eat, and activities all in one place. This means most users have multiple apps or need to visit multiple sites to find everything they need.

Project Goals

- Design a visually appealing, consistent interface and brand identity.
- Develop a responsive website that allows users to easily interact, utilizing HTML, CSS, JSON, and JavaScript.
- Ensure fast load times and accessibility.

Technologies Used

- **Frontend**: HTML, CSS, JavaScript
- **Backend**: API, JSON, MySQL or other database connection
- **Design**: Adobe Illustrator
- **Hosting**: Student hosting service or other (will look into when development gets closer to completion based on needs).
- **Project Management System**: Monday.com for easy tracking and sharing of updates.

Timeline

Week 1 (6 hours): Research and wireframing mockups for site pages

Week 2-3 (10 hours): Design layout using Adobe Illustrator

Week 4-5 (13 hours): Frontend development setting up layout, navigation and responsiveness

Week 6-7 (13 hours): Backend setup with API connections and integration

Week 8- 9 (7 hours): Testing, deployment, and final report

Total Time: ~ 49 hours

Expected Outcomes/Conclusion

Voyager will be a fully functional, well designed and easy-to-use website that will allow users to better prepare and plan travel itineraries. It will have consistency throughout the site, fast load times (under 3 seconds on average), and be accessible.