

Give me wine

Requirements

Functional Requirements

1. Random Wine Selection Feature: The system shall provide a “Give me wine” feature that randomly selects a wine from the database and displays detailed information about it.
2. Wine Search Functionality: Users shall be able to search for wines based on type, region, winery, price range, and ratings.
3. Display of Wine Information: For each wine, the system shall display details such as grape variety, year of production closes winery.
4. User Input Handling: The system shall provide an interface for users to input search criteria and interact with the application features.
5. Interactive Map Integration: The system shall integrate an interactive map that shows the locations of the wineries where the selected or searched wines can be purchased
6. Responsive Design: The application should have a responsive design, ensuring it is accessible and functional across different devices.

Non-Functional Requirements

1. Usability: The application should have an intuitive user interface, ensuring ease of use for people with varying levels of technical proficiency.
2. Performance: The application should have fast load times, with a goal of loading any page within a few seconds.
3. Reliability: The application should have a high uptime, at least 99% availability per month.
4. Maintainability: The code should be documented for future maintenance and development.
5. Compatibility: The application’s functions should work correctly across different web browsers and devices.
6. Scalability: The application’s architecture should be scalable in order to withstand an increased number of users without causing performance issues.