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**Documentation plan**

**Overview**

The aim is to create a web-based restaurant menu that is responsive, user-friendly, and consistent with the restaurant’s branding. It should include categorized menu sections, integration with online ordering, and accessibility features.

**Functional Highlights**

Key features include:

* Organized menu with categories and detailed descriptions of dishes (including prices and high-quality images).
* Search functionality and filters for dietary preferences.
* Integration of payment gateways for seamless ordering.
* Admin tools for updating menu items efficiently.

**Technical Tools & Design**

* **Frontend**: Use HTML, CSS, and JavaScript frameworks like React.js or Vue.js for dynamic UI.
* **Backend**: Employ Node.js, Django, or Flask for server-side processing and MySQL or MongoDB for database management.
* **Design Tools**: Wireframe and prototype with Figma or Adobe XD to ensure an intuitive layout.
* **Hosting**: Deploy using AWS, Azure, or Netlify with a custom domain.

**Testing & Quality Control**

Run tests for responsiveness and performance using tools like Selenium and Google Lighthouse. Security assessments with OWASP ZAP ensure data protection.

**Deployment & Maintenance**

Launch the menu on hosting platforms, test live functionality, and maintain by updating content and monitoring analytics with Google Analytics for optimization.