



jahan.ai

Case Study

Front End Developer

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Front End Developer Case study

Overview

You are responsible for developing a user preferences page using the Webix framework (<https://webix.com/>) for a web application. The user preferences page will enable users to customize their settings according to their preferences. Your objective is to create an intuitive and user-friendly interface using modern web technologies.

Requirements

- Preference Categories: Group preferences into categories for easy navigation:
 - Account Settings: Manage user account details like username, email, and password.
 - Notification Settings: Control email and push notification preferences, including frequency.
 - Theme Settings: Customize application theme with options for colors, fonts, and layout.
 - Privacy Settings: Manage privacy preferences, including profile visibility and data sharing.
- Responsive Design: Create a responsive user preferences page for desktop, tablet, and mobile devices, ensuring consistent user experience across different screen sizes.
- Validation and Error Handling: Implement robust validation and error handling mechanisms to ensure data integrity and provide meaningful error messages to users when modifying preferences.
- Accessibility: Adhere to accessibility standards, making the page usable for users with disabilities. Consider support keyboard navigation, screen reader compatibility, and maintain appropriate contrast ratios.
- Testing: Write unit and functional tests to ensure proper functionality.

Deliverables

- A git repo with the code to open (locally)
- A walkthrough (meeting) to walk us through the following (as a discussion)
 - the app
 - how you went about it
 - key features and call outs
 - how you would ensure user acceptance
 - how you would incorporate the back end
 - how you would deploy
 - how you would test