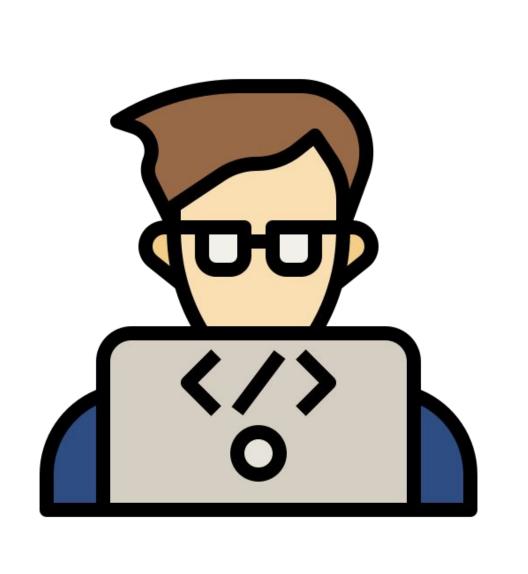


Add a "Dark Mode" feature to a web application.

Localize a root cause of an issue reported by a user

Fix a reported Github issue where a form submission doesn't validate email addresses correctly.



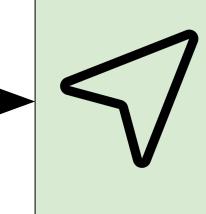


Task: Add a "Dark Mode" feature to a web application.



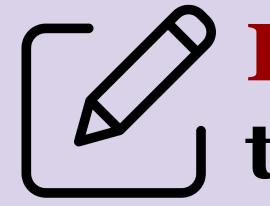
## Analysis & Plan: Draft a plan to solve the task

- > Reviews the design document or user story for the "Dark Mode" feature.
- > Plans to create a toggle button, update CSS styles, and store user preferences in local storage or a database.
- > Draft a high-level plan that includes updating the CSS/SCSS files, modifying the user settings page, and adding a toggle switch for Dark Mode in the UI.



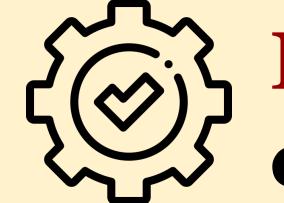
## Feature Localization: Localize contexts in the repository

- > Search for the existing settings page code to find where user preferences are stored.
- > Explore the stylesheet files to identify where the color schemes are defined.
- > Locate the main layout components to understand where the toggle for Dark Mode should be placed.



## Edition: Make changes to I the code

- > Add a new Dark Mode CSS class with the appropriate color scheme.
- > Modify the settings page to include a toggle switch for Dark Mode.
- > Update the layout components to apply the Dark Mode class when the user toggles the switch.



## Execution: Execute the code to verify the results

- > Run the application locally and toggle Dark Mode to see if the new styles are applied correctly.
- > Ensure that the setting persists between sessions by checking the stored preferences.
- > Conduct a code review and run automated tests to verify that the new feature does not introduce any regressions.