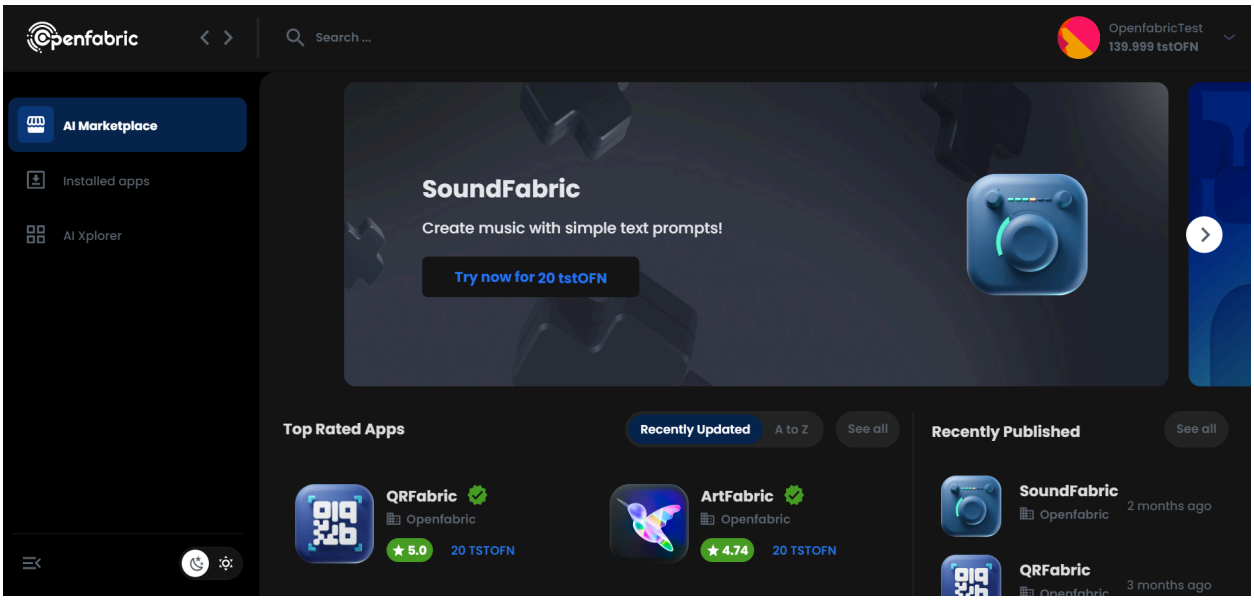
BUG1: Title: Unnecessary Space Between Dashboard and Top Cards



Severity: Low

Steps to Reproduce:
1. Open the main interface of the application.
2. Observe the space between the left-side dashboard menu and the top cards displaying featured apps.

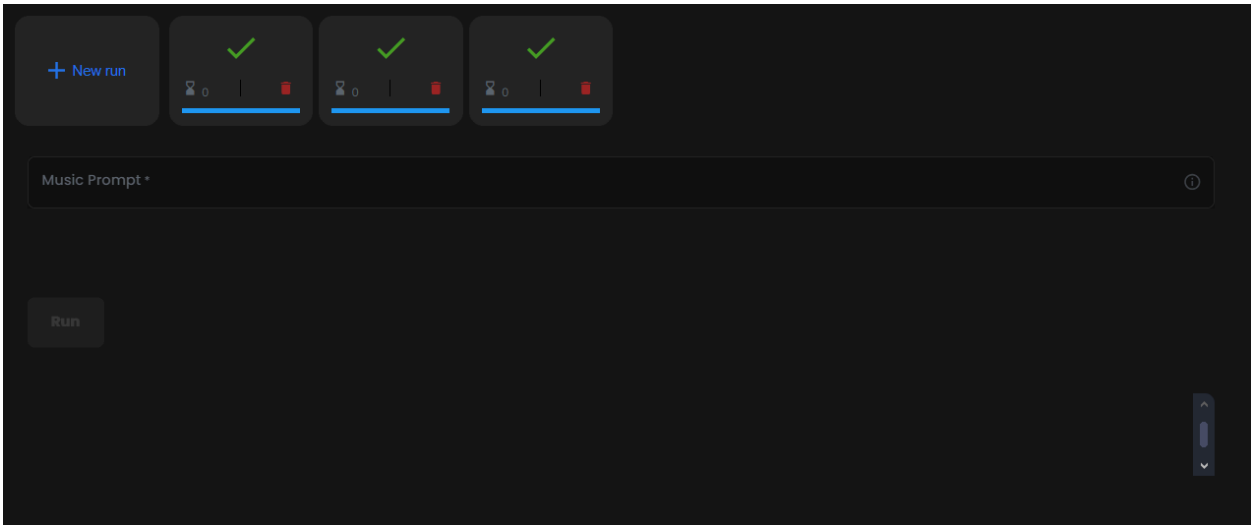
Expected Result:
The dashboard and top cards should have a consistent and appropriate amount of spacing between them, ensuring a balanced and visually appealing layout.

Actual Result:
There is an unnecessary and potentially excessive amount of space between the left-side dashboard and the top cards. This may lead to a less efficient use of space and could affect the user experience by requiring unnecessary scrolling.

Potential Impact:
While this issue is primarily aesthetic, it can impact the overall user experience by creating an impression of a less polished interface. Additionally, it may affect the usability of the application by reducing the amount of content visible without scrolling, potentially leading to user frustration. The excessive space might also not conform to the design standards expected in a professional application.

Recommendations:
- Adjust the CSS or layout properties to reduce the space between the dashboard and the top cards.
- Ensure that the layout is responsive and looks well-proportioned on different screen sizes and resolutions.

BU2: Title: Persistent Visibility of Scroll Bar in SoundFabric Application Interface



Severity: Medium

Steps to Reproduce:
1. Go to the marketplace section of the application.
2. Navigate to the SoundFabric application.
3. Observe the scroll bar at the bottom right side of the interface.

Expected Result:
The scroll bar should only appear when necessary, i.e., when there is overflow content that cannot be displayed in the current view.

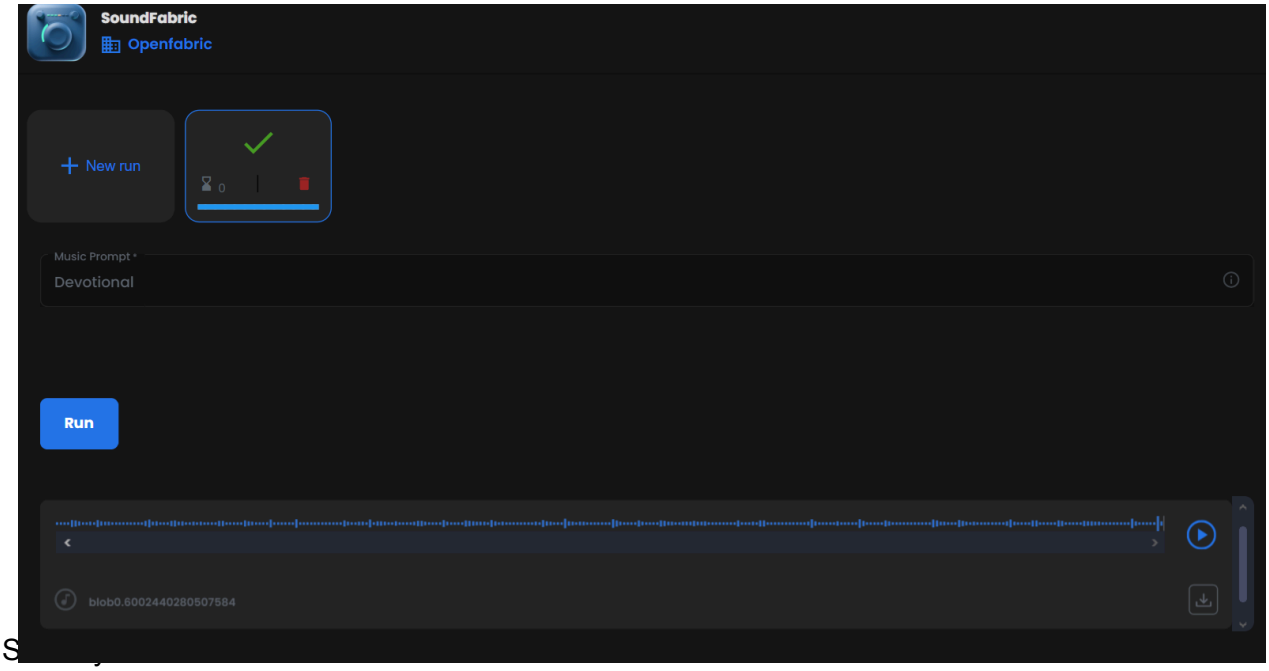
Actual Result:
The scroll bar at the bottom right side of the interface is visible at all times, regardless of the necessity for scrolling. This could indicate a CSS styling issue where the overflow property is set incorrectly for the container.

Potential Impact:
The always-visible scroll bar may confuse users into thinking there is more content to view when there is not, leading to a possible misunderstanding of the app's interface. It can also be a visual

distraction that detracts from the overall clean appearance of the application. In some cases, it might even overlap with other UI elements, potentially causing a functional issue.

Recommendations:
- Review the CSS properties related to overflow for the container that holds the content.
- Adjust the overflow property to only show the scroll bar when it is needed (e.g., `overflow: auto;`).
- Test on various screen sizes to ensure that the scroll bar behaves as expected across different resolutions and window sizes.

BUG3: Title: Incorrect Execution Time Display and Suboptimal Music Player UI in SoundFabric Application



Steps to Reproduce:
1. Navigate to the SoundFabric application.
2. Enter a music prompt (e.g., "Devotional").
3. Observe the execution time and the music player UI post-generation.

Expected Result:
- The execution time should accurately reflect the time taken to generate the music.
- The music player UI should be intuitively designed, with easily identifiable controls like the play button.

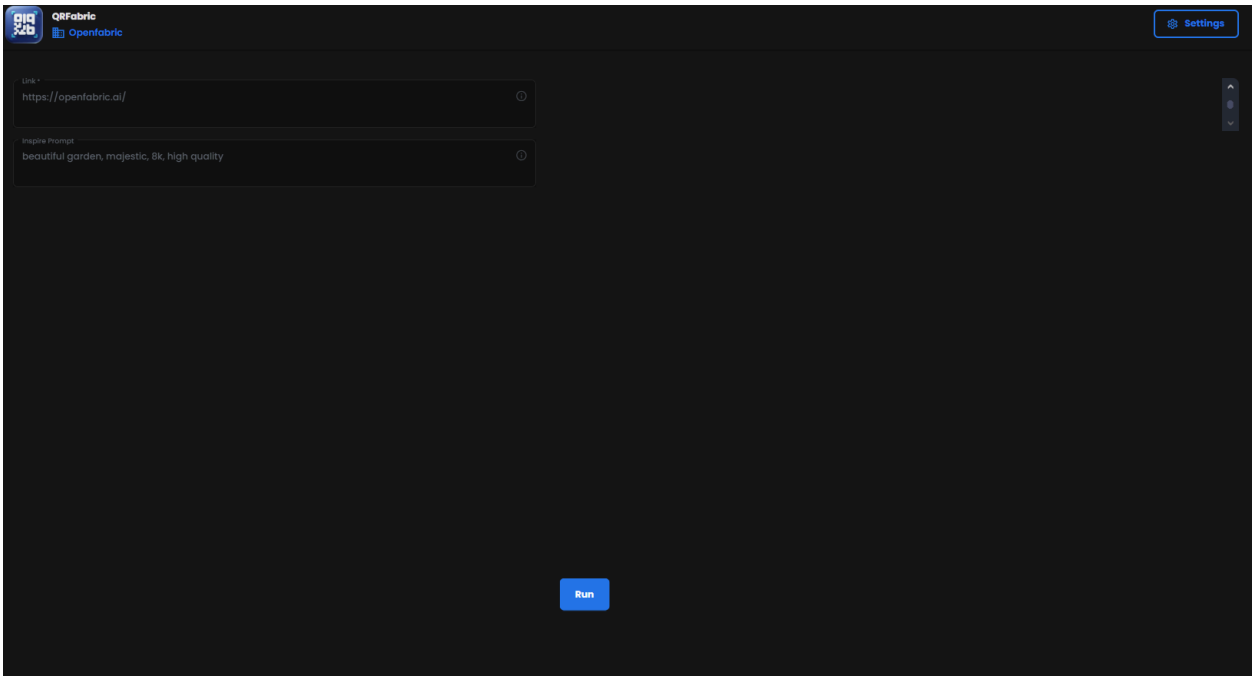
- The generated music should closely match the genre specified in the prompt.

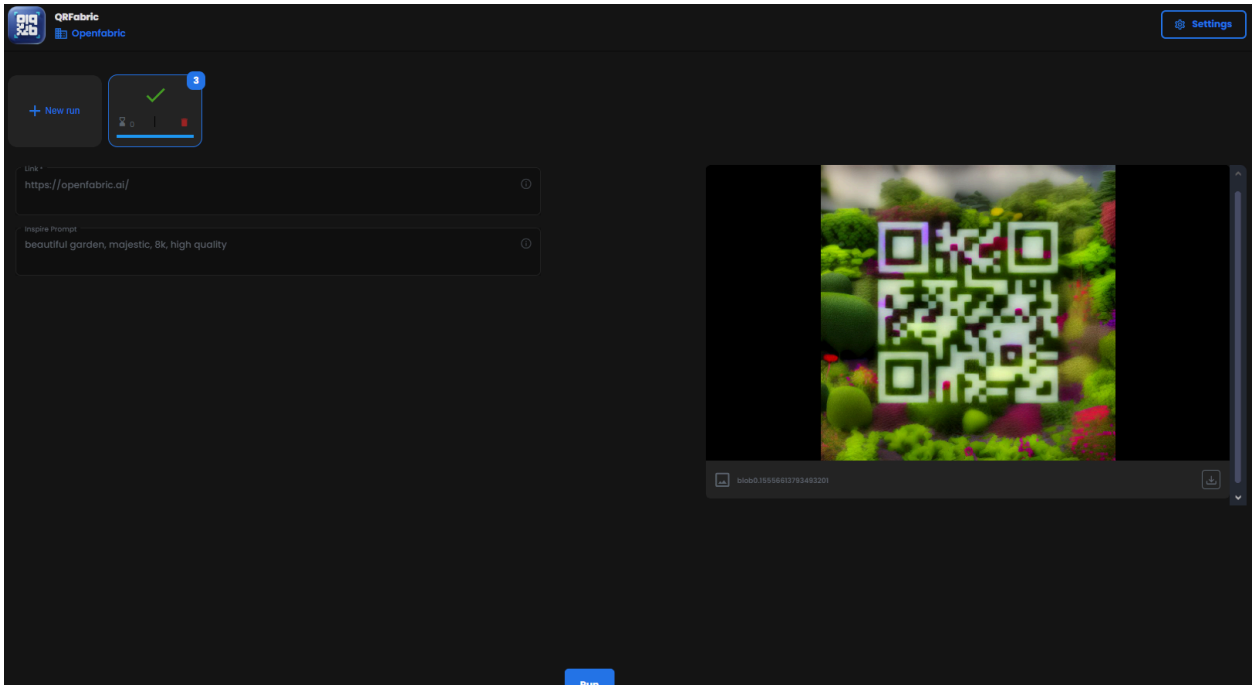
Actual Result:
- The execution time is consistently displayed as 0s, even if the actual time taken is longer (e.g., 5 seconds).
- The music player UI is not user-friendly; the play button is not prominently visible and could be difficult for users to find.
- The music generated does not match the expected genre (e.g., generating pop music instead of devotional).

Potential Impact:
- Displaying incorrect execution times may lead users to believe the application is faster than it truly is, leading to a misleading user experience.
- A poorly designed music player UI can cause user frustration and may make it difficult to control music playback, affecting overall usability.
- Incorrect music genre generation could result in user dissatisfaction, as the output does not meet user expectations based on their input prompts.

Recommendations:
- Investigate and fix the bug causing the execution time to be displayed incorrectly. This could involve checking the timer start and end points in the code.
- Redesign the music player UI to make the controls more visible and intuitive. This could include larger buttons, clearer icons, and a more standard layout.
- Review the music generation algorithm and ensure that it is correctly interpreting the prompts to generate music that aligns with the expected genres.

BUG4: Title: Multiple UI Issues in QRFabric Interface





Severity: High

Steps to Reproduce:
1. Navigate to the QRFabric application.
2. Observe the placement of UI elements, the presence of a scroll bar, and the lack of a generation duration indicator.
3. Attempt to generate an image using a prompt to observe the lack of image preview on top cards.

Expected Result:
- UI elements should be well-placed, ensuring an aesthetically pleasing and functional interface.
- Scroll bars should only be visible when there is additional content to view.
- The generation duration should be displayed to inform the user of the processing time.
- An image preview should be visible on top cards after generation for a quick reference.

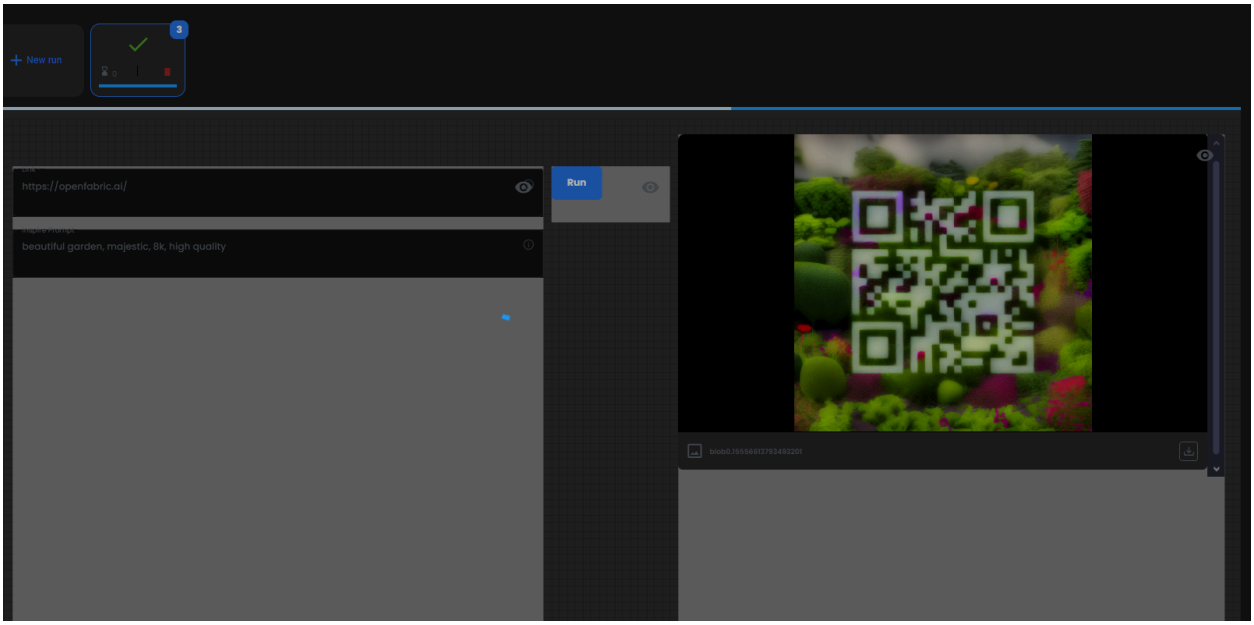
Actual Result:
- The placement of UI elements is suboptimal, leading to a visually unappealing and potentially confusing user interface.
- An unnecessary scroll bar is constantly visible, indicating a possible overflow issue.
- There is no generation duration indicator, leaving users without feedback on processing time.

- Image previews are not displayed on top cards, reducing the ease of identifying past generations.

Potential Impact:
- The current state of the UI may significantly hinder user experience, making navigation and operation of the application cumbersome and unintuitive.
- A constant scroll bar can be misleading and detract from the overall design, causing user frustration.
- The absence of a generation duration indicator may result in uncertainty about the application's performance and responsiveness.
- The lack of image previews on top cards could inconvenience users who wish to quickly locate and assess their generated images.

Recommendations:
- Conduct a UI review to improve the placement and aesthetics of UI elements.
- Adjust the CSS properties responsible for the overflow to ensure scroll bars appear only when necessary.
- Implement a feature to display generation duration, providing users with valuable feedback.
- Ensure that image previews are generated and displayed on top cards for a better user experience.

BUG 5: Title: Internal Server Error (500) on Saving Display Settings in QRFabric



Severity: Critical

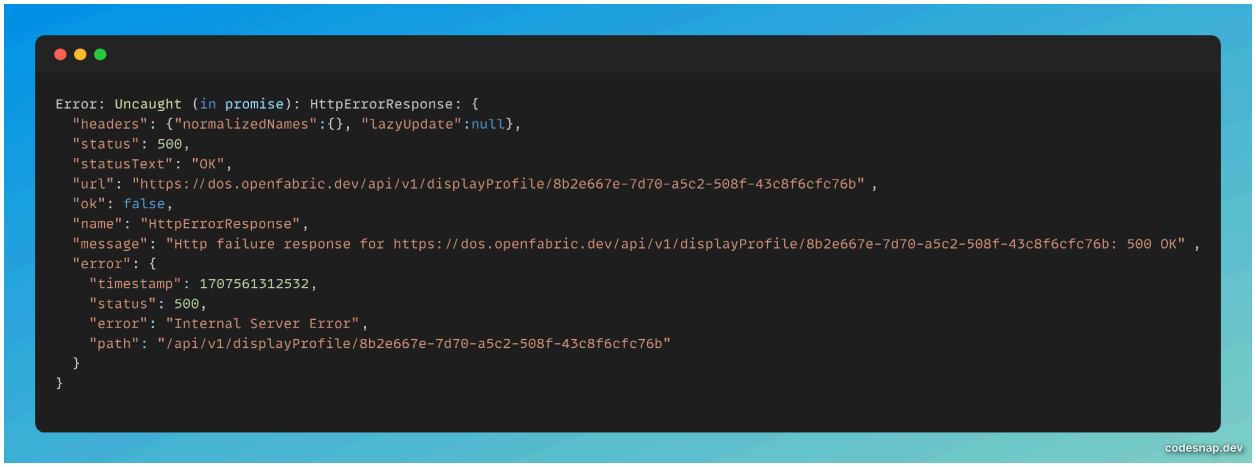
Description:
An attempt to save customized display settings in the QRFabric application results in an infinite loading issue. The console log indicates an unhandled promise resulting in an `HttpErrorResponse`. The server response with a status code of 500 suggests an internal server error, which typically indicates a problem with the server's handling of the request.

Steps to Reproduce:
1. Open the QRFabric application.
2. Click on 'Settings'.
3. Try to customize display settings and click 'Save'.

Expected Result:
The application should successfully save the customized display settings and provide the user with a confirmation message.

Actual Result:
The application fails to save the display settings and enters an infinite loading state. The console log reveals an internal server error with a 500 status code as the cause.

Error Details:

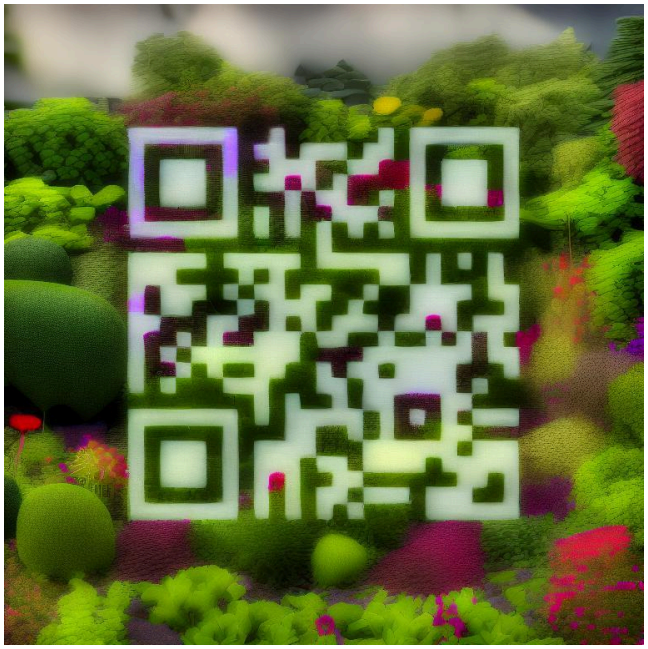


Potential Impact:
This error prevents the user from saving their display settings, rendering this part of the application non-functional. It could result in significant user dissatisfaction and potentially decrease user engagement with the application.

Recommendations:
- The development team should immediately investigate the server-side logs associated with the `/api/v1/displayProfile` endpoint to diagnose the root cause of the error.
- Implement error handling in the application to catch such exceptions and provide meaningful feedback to the user rather than an infinite load.

- Once the server-side issue is resolved, additional end-to-end testing should be conducted to ensure that the 'Save' functionality works as expected under various scenarios.
- It may also be beneficial to review the current error-handling strategies on both the client and server sides to improve resilience and user experience during unexpected failures.

BUG 6 : Title: QR Code Generated by QRFabric is Non-Functional



Severity: Critical

Description:
The QR code generated by the QRFabric application appears to be non-functional and cannot be scanned.

Steps to Reproduce:
1. Use the QRFabric application to generate a QR code with a website link and an embedded image of a beautiful garden as a prompt.
2. Attempt to scan the generated QR code with a QR code scanner.

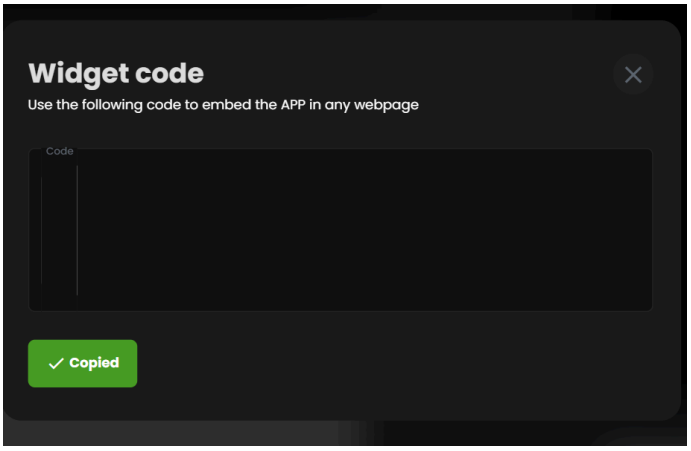
Expected Result:
The QR code should be scannable, and the scanner should be able to read the data encoded in the QR code without any issues.

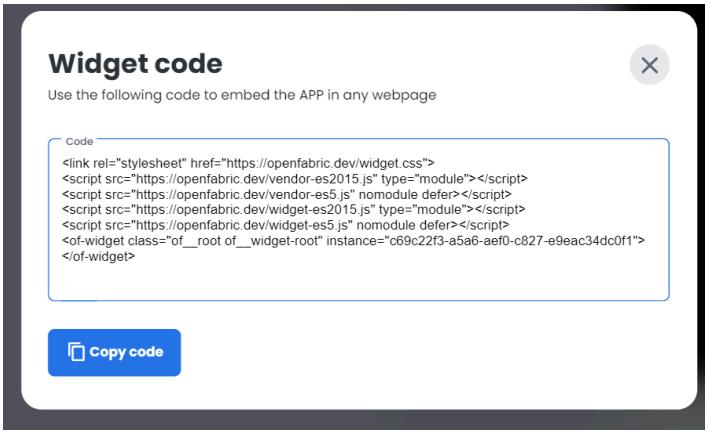
Actual Result:
The QR code, as generated by the application, is not recognized by the scanner, suggesting that the image's complexity or the integration of the design elements interferes with the code's functionality.

Potential Impact:
This issue renders the core functionality of the QRFabric application—generating scannable QR codes—ineffective. If the QR codes cannot be scanned, it significantly undermines the purpose of the application and could lead to a loss of trust and user base.

Recommendations:
- Investigate the QR code generation algorithm to ensure it maintains the necessary contrast and clarity for scanners to read.
- Consider implementing a validation step within the application that tests the scannability of the QR code before presenting it to the user.
- Provide guidelines within the application on the level of image complexity or design elements that can be integrated without affecting QR code functionality.
- It may also be helpful to provide users with immediate feedback on the potential scannability of the code based on the design choices they make during the customization process.

BUG 7 : Title: Widget Code Not Displaying in Dark Mode in QRFabric





Severity: Low

Description:
The widget code intended for embedding the app in a webpage is not visible when the QRFabric application is in dark mode, although it appears correctly in light mode.

Steps to Reproduce:
1. Open the QRFabric application.
2. Navigate to 'Settings'.
3. Select the option to view the 'Widget Code'.

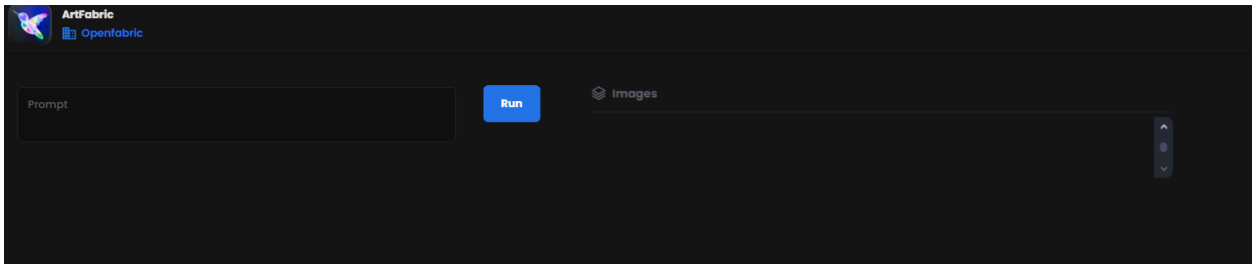
Expected Result:
The widget code should be clearly visible in the textbox provided, regardless of the theme (dark or light mode) selected by the user.

Actual Result:
In dark mode, the widget code does not display in the textbox, indicating a possible CSS styling issue where the text color matches the background color, rendering it invisible.

Potential Impact:
This issue could lead to confusion and frustration for users trying to obtain the widget code for embedding purposes, potentially affecting the application's usability and the user's ability to integrate the app into webpages.

Recommendations:
- Review and adjust the CSS properties for the textbox to ensure sufficient contrast between text and background colors in both dark and light modes.
- Implement a theme-aware UI design so that all elements are visible and legible in all theme modes.
- - Consider adding automatic theme detection and adjustment for text and background colors to accommodate various user preferences and settings.

BUG 8 : Title: Pre-emptive Display of Image Placeholders and Scroll Bar in ArtFabric Application



Severity: Medium

Description:
In the ArtFabric application, image placeholders and a scroll bar are visible even before a user inputs an image prompt. This premature display of elements can lead to a confusing user experience, as it suggests that there is content when there is none, and affects the overall aesthetic and perceived quality of the UI.

Steps to Reproduce:
1. Open the ArtFabric application.
2. Observe the interface before entering any image prompt.

Expected Result:
The UI should initially be clean, with no image placeholders or scroll bars visible until the user has entered a prompt and generated images.

Actual Result:
Image placeholders and a scroll bar are visible immediately upon opening the ArtFabric app, despite no action being taken by the user.

Potential Impact:
This issue may lead to confusion for users, as they might expect that there is existing content to be scrolled through or viewed. It also gives a less professional appearance to the application, potentially impacting the overall user satisfaction and trust in the product.

Recommendations:
- Modify the UI logic to ensure that placeholders for images and scroll bars are only rendered after the user has entered a prompt and an image has been generated.
- Improve the initial state of the UI to be more informative, possibly with a message indicating that users should enter a prompt to generate images.

BUG 9 : Title: Lack of Content Filtering for Inappropriate Prompts in ArtFabric Application

Severity: High

Description:
The ArtFabric application currently does not filter out inappropriate prompts and generates images based on them. This can lead to the creation and display of sensitive or offensive content.

Steps to Reproduce:
1. Open the ArtFabric application.
2. Enter an inappropriate prompt, such as "nude" or "naked".
3. Observe that the application processes the prompt and generates images without warnings or restrictions.

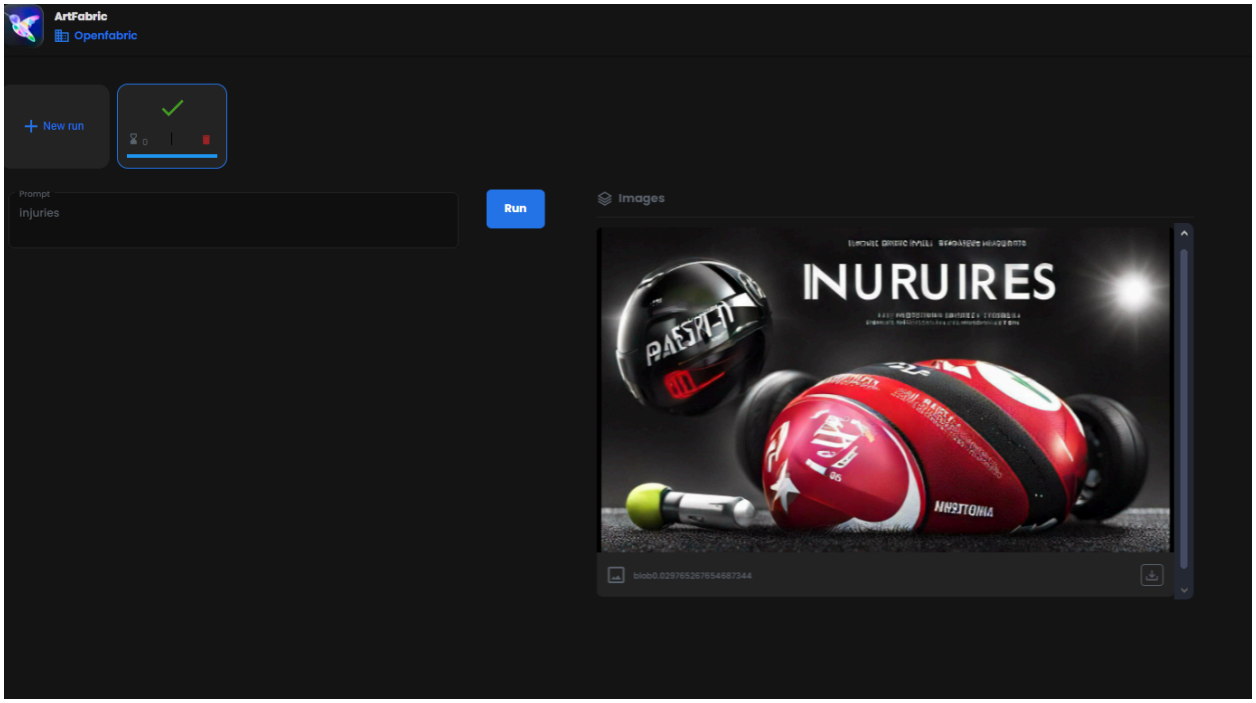
Expected Result:
The application should either restrict the use of inappropriate language within prompts or provide a clear warning mechanism that content generated from such prompts may be sensitive or inappropriate. Ideally, the app should not generate any images for these prompts at all.

Actual Result:
The application generates images based on inappropriate prompts without any content filtering, warning, or blurring mechanism in place.

Potential Impact:
Generating unfiltered content from inappropriate prompts can lead to serious reputational damage for the application, legal issues, and user discomfort. It may also result in the platform being misused for creating and sharing objectionable content.

Recommendations:
- Implement a robust content moderation system that filters out inappropriate prompts and prevents image generation for such inputs.
- In cases where filtering is not foolproof, implement a blurring mechanism for generated images deemed potentially sensitive, along with a clear warning message. Users should then have the option to view the content at their own discretion.
- Regularly update the list of filtered terms and patterns to keep up with the evolving nature of language and potential workarounds that users might employ to bypass filters.
- Consider implementing user account systems with strict policies and the ability for administrators to take action against misuse.

BUG 10 : Title: Missing Image Preview and Generation Time; Lack of Confirmation on Deletion in ArtFabric Application



Severity: Medium

Description:
The ArtFabric application currently does not display an image preview in the top cards or the time it took to generate images. Additionally, when a user clicks the delete icon to remove an image, the action is immediate without any confirmation prompt, potentially leading to accidental deletions.

Steps to Reproduce:
1. Open the ArtFabric application.
2. Generate an image by entering a prompt.
3. Observe the lack of image preview in the top cards and the absence of generation time indication.
4. Click the delete icon next to a generated image.

Expected Result:
- Image previews should be readily visible in the top cards along with the time it took to generate each image.
- Clicking the delete icon should prompt a confirmation dialog to prevent accidental deletions.

Actual Result:
- The top cards do not show image previews or generation times.

- The delete action is executed immediately upon clicking the delete icon without asking for user confirmation.

Potential Impact:
- Without image previews and generation times, users cannot easily identify and evaluate generated images or understand the application's performance, impacting user experience and perceived efficiency.
- The lack of a confirmation dialog for deletions may result in users accidentally removing important images, causing frustration and potential loss of work.

Recommendations:
- Implement functionality to display image previews and generation times in the top cards for better user guidance and information.
- Modify the deletion process to include a confirmation step, such as a modal dialog asking "Are you sure you want to delete this image?" to prevent accidental deletions and enhance user control over their actions within the app.
- Ensure these changes are thoroughly tested for a seamless integration into the current workflow of the application.

BUG 11 : Title: Dynamic UI Misalignment in MemeFabric Application

Video : Bug.mp4

Severity: Low

Description:
In the MemeFabric application, when text is entered into the 'Image background description/Prompt' input field, the subsequent input field labeled 'Position' dynamically shifts downward.

Steps to Reproduce:
1. Open the MemeFabric application.
2. Click on the first input box to enter text for the image background description or prompt.
3. As you type, observe the behavior of the input fields below, particularly 'Position field' and above 'Image background description/Prompt' field.

Expected Result:
All input fields should remain static and aligned regardless of the amount of text entered in the 'Image background description/Prompt' field.

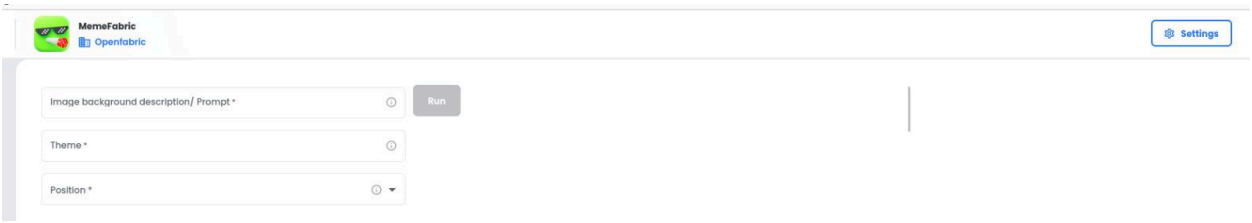
Actual Result:

The 'Position' input field moves downward as text is entered into the 'Image background description/Prompt', causing a dynamic misalignment of the UI elements.

Potential Impact:
This UI misalignment may lead to a confusing and less visually appealing user experience. Although it may not affect the functionality of the application, consistent UI behavior is crucial for professional application appearance and user satisfaction.

Recommendations:
- Review and correct the CSS styles and HTML structure to ensure that the input fields retain their position regardless of the interaction with preceding fields.
- Consider implementing fixed spacing or containers with overflow handling to accommodate varying amounts of text without affecting the layout of other UI elements.
- Perform thorough testing on different browsers and devices to ensure consistent UI behavior across platforms.

BUG 12 : Title: Unnecessary Scroll Bar and Lack of Clarity in Input Labels in MemeFabric Application



Severity: Medium

Description:
In the MemeFabric application, there is an unnecessary horizontal scroll bar present, and the input fields lack descriptive labels, potentially causing confusion for the user regarding the purpose and requirements of the fields.

Steps to Reproduce:
1. Open the MemeFabric application.
2. Notice the horizontal scroll bar that appears at the bottom of the window.

3. Examine the input fields labeled 'Image background description/Prompt', 'Theme', and 'Position'.

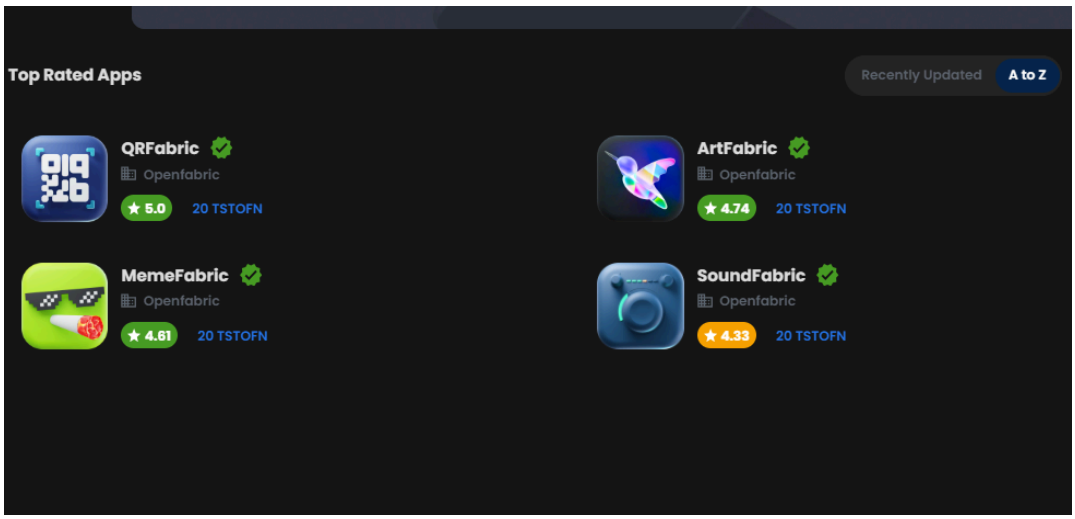
Expected Result:
- The UI should not have an unnecessary scroll bar if there is no content that extends beyond the viewable area.
- Input fields should have clear and informative labels or placeholder text that explains their purpose to the user.

Actual Result:
- A horizontal scroll bar is visible despite there being no apparent need for it, suggesting a potential CSS styling issue.
- The input fields have labels, but these labels do not provide adequate information or guidance for users to understand what is expected to be entered into each field.

Potential Impact:
- The presence of an unnecessary scroll bar can detract from the user experience by suggesting that there is more content to view when there is not, leading to possible user confusion.
- Input fields with unclear labels may lead to incorrect entries by users, resulting in a frustrating experience and potential misuse of the application's functionality.

Recommendations:
- Review the application's CSS and ensure that the overflow property is set correctly to avoid displaying an unnecessary scroll bar.
- Enhance the labels for each input field to include more descriptive information, or add placeholder text within each field to guide users on what to enter.
- Consider including tool tips or help icons that users can hover over or click to get more information about each field.
- Perform user testing to ensure that the changes effectively clarify the purpose and use of the input fields, leading to a more intuitive user experience.

BUG 13 : Title: A to Z Sorting Feature Not Working on Top Rated Apps List



Severity: Low

Description:
The 'A to Z' sorting feature on the Top Rated Apps list is not functioning as expected. Apps are not being sorted alphabetically, which might lead to confusion for users trying to locate apps based on their names.

Steps to Reproduce:
1. Navigate to the section displaying Top Rated Apps.
2. Click on the 'A to Z' sorting option.
3. Observe the order of the apps.

Expected Result:
The apps should be sorted alphabetically by their names when the 'A to Z' sorting option is selected.

Actual Result:
The apps remain unsorted or incorrectly sorted when the 'A to Z' sorting feature is used.

Potential Impact:
This bug can negatively impact the user experience by making it difficult to find apps quickly based on their names. It can be particularly frustrating for users who rely on alphabetical sorting to navigate through lists efficiently.

Recommendations:
- Review the sorting algorithm associated with the 'A to Z' sorting feature to ensure it is functioning correctly.
- Ensure that the sorting feature is triggered correctly upon user interaction and that the UI reflects the sorted order immediately after selection.
- Consider implementing visual feedback or animations that indicate the list is being sorted when the user selects the sorting option.
- Conduct thorough testing across different devices and browsers to ensure that the sorting feature works consistently for all users.

Final Conclusion:

The OpenFabric website currently exhibits multiple UI/UX issues that could significantly impact user satisfaction and overall usability. The identified issues range from minor layout shifts to more critical functional bugs, such as non-functional sorting mechanisms and unclear input field descriptions. These problems suggest a need for a thorough review and redesign of certain interface elements to meet the high standards expected by users of modern web applications.

Key Issues Identified:

1. Layout Shifts: Dynamic repositioning of UI elements upon user interaction causes a confusing and potentially disruptive user experience.
2. Unnecessary Scroll Bars: Scroll bars appear without a need, misleading users about the amount of viewable content and cluttering the interface.
3. Inadequate Label Descriptions: Input fields lack clear and informative labels or placeholder text, leading to user uncertainty about the required information.
4. Immediate Action Without Confirmation: The absence of confirmation dialogs for actions like deletion can lead to accidental loss of data.
5. Non-Functional Sorting Mechanism: The 'A to Z' sorting feature does not alphabetize the app listings, hindering efficient navigation.
6. Inappropriate Content Generation: Lack of filtering for potentially sensitive or offensive prompts may lead to the creation of inappropriate content.
7. Inconsistencies Across Themes: UI elements like widget codes are not visible in all theme modes, indicating a need for theme-aware interface design.

Potential Impact:

These issues, if not addressed, can lead to a disjointed and frustrating experience that may deter users from engaging with the OpenFabric platform. The presence of such UI/UX issues could also detract from the perceived reliability and professionalism of the platform, leading to a decrease in user trust and satisfaction.

Recommendations:

- Conduct a UI/UX Audit: Perform a comprehensive review of the current interface design and user interaction flows to identify and prioritize areas for improvement.
- Enhance Responsiveness: Ensure UI elements remain consistently placed and styled across various user actions and screen sizes.
- Improve Feedback Mechanisms: Implement clear, descriptive labels, tooltips, and placeholders to guide users through interactions.
- Incorporate Confirmation Dialogs: Add confirmation prompts for irreversible actions to prevent accidental data loss.
- Fix Functional Bugs: Address and resolve critical functional issues, such as the sorting feature, to ensure the platform operates as expected.
- Implement Content Moderation: Establish robust content filtering systems to prevent the generation of inappropriate content.

- Ensure Theme Consistency: Adapt the UI elements to function seamlessly across different theme settings, ensuring visibility and accessibility.
- User Testing: Engage in rigorous user testing to validate that the implemented changes have effectively resolved the issues without introducing new ones.

By addressing these issues with targeted UI/UX enhancements, OpenFabric can improve its platform's accessibility, efficiency, and overall appeal, leading to a better experience for all users.