# **🚀 InkCode: Bugs & Missing Features (as of 09-10-24)**

## **🔑 Sign-In Page**

* **Status**: N/A

## **🔑 Sign-Up Page**

* **Status**: N/A

## **🏠 Home Page**

1. **📂 Opening Saved Code  
   Issue**: When opening saved code, it does not display accurate data.  
   **Explanation**: The saved projects show incorrect code or metadata, leading to confusion about which version is being opened.  
   **Hint**: Ensure the code retrieval function correctly maps saved projects in IndexedDB to their UI elements.  
   **AI Prompt**: "How can I ensure that the code retrieval function correctly displays accurate data from IndexedDB when opening saved projects in the homepage?"
2. **👥 Team Building Option  
   Issue**: Missing functionality for team management.  
   **Explanation**: Lack of a feature to build and manage teams within the platform hinders collaboration.  
   **Hint**: Create a dedicated section for team management and integrate Firebase for user invitations.  
   **AI Prompt**: "What are the best practices to implement a team management feature in a collaborative coding platform using Firebase?"

## **💻 Editor**

1. **📝 Input for C Language Only  
   Issue**: Input feature works only for C language.  
   **Explanation**: Users cannot execute code in other languages needing user input.  
   **Hint**: Modify the input handling logic to accommodate multiple languages.  
   **AI Prompt**: "How can I modify the input handling logic in my code editor to support user input for multiple programming languages?"
2. **~~🔄 Unnecessary Input Prompt  
   Issue~~**~~: Asks for input even when not needed for C.~~**~~Explanation~~**~~: The system prompts users for input when the current code doesn't require it, causing interruptions.~~**~~Hint~~**~~: Implement condition checks to determine if input is needed based on the executed code.~~**~~AI Prompt~~**~~: "What logic should I implement to ensure that my editor only prompts for user input when it is required by the code?"~~
3. **🌐 Support for Multiple Languages  
   Issue**: Limited support only for C language.  
   **Explanation**: The editor lacks functionality for developers using other languages.  
   **Hint**: Research integrating a language parser for dynamic language switching.  
   **AI Prompt**: "What steps do I need to follow to add support for multiple programming languages in my coding editor?"

## **🌐 Editor (HTML/CSS/JS)**

1. **🎨 Resizer Animation  
   Issue**: Resizer's animation is not functioning smoothly.  
   **Explanation**: Poor animation impacts user experience during resizing.  
   **Hint**: Review CSS animations and JavaScript functions for correct implementation.  
   **AI Prompt**: "How can I improve the CSS animations for the resizer functionality in my HTML/CSS/JS editor?"
2. **💾 Layout Persistence  
   Issue**: Resized layout does not persist on refresh.  
   **Explanation**: Users lose their layout settings upon page refresh.  
   **Hint**: Use local storage or IndexedDB to persist layout settings between sessions.  
   **AI Prompt**: "How can I save user-customized layout settings in local storage so that they persist even after the page is refreshed?"

## **🤝 Editor Collaboration**

1. **🏃‍♂️ Code Running and Input Feature  
   Issue**: Lack of code running and input feature in collaborative sessions.  
   **Explanation**: No capability for running code and providing input during collaboration.  
   **Hint**: Explore integrating real-time code execution and input handling.  
   **AI Prompt**: "What approach should I take to implement real-time code execution and input handling in a collaborative coding environment?"
2. **🎨 UI Consistency  
   Issue**: UI is inconsistent with the main editor.  
   **Explanation**: Different designs lead to a fragmented user experience.  
   **Hint**: Unify design elements for color schemes, fonts, and layouts across both editors.  
   **AI Prompt**: "What design principles should I follow to ensure a consistent user interface between the collaborative editor and the main code editor?"

## **🛠️ InkCode**

1. **🖼️ Create Logo  
   Issue**: Lack of a branding logo.  
   **Explanation**: A logo is essential for identity and marketing.  
   **Hint**: Use a logo design tool or hire a designer for a professional logo.  
   **AI Prompt**: "What are some effective strategies for creating a unique and memorable logo for a collaborative coding platform?"
2. **📐 Create Mockups  
   Issue**: No mockups for the user interface.  
   **Explanation**: Mockups are essential for visualizing the final product.  
   **Hint**: Use design tools like Figma or Adobe XD for high-fidelity mockups.  
   **AI Prompt**: "What steps should I follow to create effective mockups for my collaborative coding platform?"
3. **📊 Create PPT and Project Documentation  
   Issue**: No presentation or documentation available.  
   **Explanation**: Lacking materials to explain the project's goals and features.  
   **Hint**: Gather project information and organize it into a structured format for presentations.  
   **AI Prompt**: "How can I effectively structure a PowerPoint presentation and accompanying documentation for my collaborative coding platform?"

### **📅 Notes**

This list contains **missing features** and **bugs** identified up to **09-10-24**.