Project Summary

The Website Builder project aims to create an easy-to-use web application that enables users to create and customize websites without any prior coding knowledge. The tool will offer a selection of pre-built components, including text blocks, headings, images, buttons, videos, and more. Users will be able to drag and drop these components onto a preview section, customizing the layout and appearance of their website in real-time. The final design can be exported as an HTML file.

Current Status

The project is progressing well, with core functionality implemented and the interface designed. Some minor issues were encountered and resolved during the development process. The focus now is on expanding the component library, implementing responsive design, and improving the user experience based on testing and feedback.

Completed Tasks

April:

1. Established project goals and milestones
2. Designed the user interface and layout of the Website Builder
3. Developed the drag-and-drop functionality for components
4. Implemented a live preview section to visualize website design
5. Created a selection of basic components: Heading, Text, Image, Button
6. Fixed issues with dragging and duplication of components
7. Added the Video component to the library
8. Implemented the Export Website feature for saving the final design

May:

1. Enhanced the Video component for better visibility in the preview section
2. Resolved issues with the Export Website button not functioning properly
3. Began adding more components to the Website Builder
4. In Progress

May:

1. Continue adding a variety of components to expand the library (e.g., galleries, forms, maps, etc.) - Expected completion: end of May
2. Optimize the user interface and overall experience based on testing and feedback - Ongoing
3. Upcoming Tasks

June (1st - 25th):

1. Implement responsive design for better mobile and tablet support, ensuring that websites created with the tool look good on all devices - Deadline: June 10th
2. Add support for custom CSS and JavaScript, enabling more advanced users to further customize their designs - Deadline: June 15th
3. Enhance component customization options, such as adjustable padding, margin, and alignment properties - Deadline: June 20th
4. Conduct user testing to gather feedback on the tool's usability, functionality, and overall experience - Deadline: June 22nd

June (25th) :

1. Tried to add the option to upload logo/image and its js functions but ran into many problems (will update in the future )

June (26th):

1. Finalize the product and prepare for the public release of the Website Builder
2. The core concept of the project works as intended but is missing sql connection and could be prettier with the css

Past June 26th

1. Will make the MySQL Connection Function
2. Solve the upload logo bugs
3. Add more customization to website
4. Make the css better

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