**Weekly Progress Report Template**

Project Title: Flexi-Craft

Group ID: 2021-CS-09, 2021-CS-11, 2021-CS-41

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Supervisor Name: Sir Atif Hussain Warraich

Week Number: 13

Date: 12/01/2024

Supervisor Comment and Sign:



#### ****Summary of Work Done****

**Frontend Development:**

* + Yahya has finalized the **'export to code'** feature and is now focusing on **UI adjustments** for a better user experience when interacting with the templates.
  + Ayesha has made considerable progress with **pre-built components** and is now working on incorporating the **components library** into the template creation process.

**AI Model Integration:**

* + Hamza is still working on resolving the issues related to the **AI model integration**, and the **data is now being loaded** for training. Although integration is still in progress, the system can now accept data for model training.

#### ****Challenges Faced****

**AI Model Loading:**

* + Although data loading has started, full integration of the AI model with the platform is not yet complete, and there are occasional performance issues when processing large datasets.

**Collaborative Editing:**

* + Implementation of **collaborative editing** features is proving challenging due to synchronization issues between user changes and real-time updates.

#### ****Solutions or Workarounds****

**Model Integration Monitoring:**

* + The team is carefully monitoring the loading process for the AI model and working on optimizing data handling to improve model training efficiency.

**Backend Adjustments:**

* + Adjustments to the backend are being made to better handle large data inputs from the AI model.

#### ****Tasks Planned for Next Week****

**Finalize AI Model Integration:**

* + Continue integrating the AI model and troubleshooting remaining issues. Ensure that the model is fully functional with the platform.

**Collaborative Editing:**

* + Complete the development of collaborative editing features, ensuring users can edit templates simultaneously.

**Component Library Completion:**

* + Finalize the **components library** and ensure it’s ready for use in the template-building process.

#### ****Progress Against Timeline****

* Integration efforts are still in progress, but the project is expected to be back on track after the completion of the AI model integration.

#### ****Additional Notes****

* We are considering a **refinement period** to optimize AI model integration and testing before moving to the final stages.