**Weekly Progress Report Template**

Project Title: Flexi-Craft

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

Student Name: Ayesha Nadeem, Yahya Mirza, Muhammad Hamza

Supervisor Name: Sir Atif Hussain Warraich

Week Number: 12

Date: 11/24/2024

Supervisor Comment and Sign:



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

**Frontend Development:**

* + Yahya has made significant progress on the **'export to code'** functionality. There are now improvements in handling user-generated changes in templates.
  + Ayesha is further developing the **pre-built components** and starting work on the **components library** to expedite template building.

**AI Model Integration:**

* + Hamza has encountered issues with **integrating the AI model** with the application. Despite progress in **data preparation**, the integration with the model is not yet smooth, and some errors have appeared in the training process.

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

**AI Model Integration:**

* + While data has been loaded for model training, syncing the AI model with the platform has led to delays. Error handling and data input inconsistencies are the major blockers.

**Frontend and Backend Synchronization:**

* + Combining the frontend components with backend APIs is still a work in progress due to technical difficulties in ensuring smooth communication between them.

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

* **AI Model Troubleshooting:**
  + The team is actively working on debugging integration errors and ensuring proper data flow to the model.
* **Component Testing:**
  + Ayesha is conducting additional testing to ensure the **pre-built components** function correctly across different devices and browsers.

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

**AI Model Data Load:**

* + Continue addressing integration issues with the AI model, ensuring that all necessary data is properly loaded for training.

**Integration Efforts:**

* + Focus on resolving the remaining integration issues between the **frontend** and **backend** components.

**Collaborative Editing Feature:**

* + Begin development on the **collaborative editing** functionality, with integration for real-time updates in templates.

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

* Despite challenges with the AI model, the project is still progressing according to the Gantt chart, though the integration phase is behind schedule.

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

* A dedicated time interval has been set up to troubleshoot integration issues with the AI model.