### Generate Feedback

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| Date | 08th July 2024 |
| Project Title | AI Feedback Generator For Development Teams Using Palm's Text-Bison-001 |

**CODE:**

if st.button("Get Feedback"):

    if project\_description.strip() and project\_scenarios.strip() and project\_code.strip():

        with st.spinner("Generating feedback..."):

            try:

                feedback = generate\_feedback(project\_description, project scenarios, project\_code)

                st.success("Here is your Al-driven feedback")

                st.write(feedback)

            except Exception as e:

                st.error("Error generating feedback: (e)")

    else:

        st.error("Please provide all project details.")

**DESCRRIPTION:**

1. **Button for Feedback Generation:**
   * The user interface includes a button labeled "Get Feedback". When clicked, this button initiates the process of generating AI-driven feedback.
2. **Input Validation:**
   * Before proceeding with feedback generation, the application checks whether all required fields (project description, project scenarios, and project code) have been filled out by the user.
   * The validation step ensures that all inputs are provided and are not just whitespace. This helps in avoiding unnecessary errors during the feedback generation process.
3. **Loading Indicator:**
   * If all fields are correctly filled, the application displays a spinner with the message "Generating feedback...". This indicates to the user that the feedback generation process is underway, providing a better user experience by showing that the application is working on their request.
4. **Feedback Generation and Error Handling:**
   * The application attempts to generate feedback using a predefined function (generate\_feedback) that processes the provided project details.
   * If the feedback generation is successful, the application displays a success message ("Here is your AI-driven feedback") along with the generated feedback.
   * If an error occurs during the feedback generation process, the application catches the exception and displays an error message ("Error generating feedback: [error message]"). This helps in informing the user about any issues without crashing the application.
5. **Error Message for Missing Details:**
   * If any of the required fields are missing, the application displays an error message prompting the user to provide all necessary project details. This ensures that users are aware of the missing information and can correct it before attempting to generate feedback again.

**User Interaction Flow:**

1. The user inputs the project description, project scenarios, and project code into the respective fields.
2. The user clicks the "Get Feedback" button.
3. The application checks if all input fields are filled:
   * If any field is missing, it displays an error message asking the user to complete all fields.
   * If all fields are filled, it displays a spinner indicating that feedback generation is in progress.
4. The application attempts to generate feedback:
   * If successful, it displays the generated feedback and a success message.
   * If an error occurs, it catches the exception and displays an error message.