1. Web Application Functionality (25%)

Criteria	Expectation	Points
User Interface Design	Interface is intuitive and visually appealing. Includes specific features required for the selected use case (e.g., language selection for Use Case #1).Current UI implementation enhances the functionality of the LLM and aligns with product goals.Potential features are discussed in Video.	7%
Input Handling	Accurately interprets user inputs related to the use case, including language handling for Use Case #1, weather-related queries for Use Case #2, and object creation prompts for Use Case #3.Include Error Handling and guidance for input correction	7%
Output Presentation	Outputs are clear, well-organized, and case-specific. For Use Case #1, outputs are effectively translated. For Use Case #2, weather information is accurate and up-to-date. For Use Case #3, Metaverse object creation is visually and functionally integrated.	7%
Case-specific(FrontEnd Related)	Comply with all requirements listed Handout under selected Use Case Section	4%

2. LLM/Diffusion Model Implementation (40%)

Criteria	Expectation	Points
Integration with Vertex AI Models	Seamless integration with models from Vertex AI, demonstrating efficient use and understanding of model capabilities and limitations in the code. Documentation/Comments are clearly stated in the code file.	15%
Integration with Web App	Effective integration of the LLM/Diffusion model with the web application. Code demonstrates consideration for data flow, latency in model responses, and utilization of the model's capabilities within the web app.	10%
Handling of Model Limitations	Implement at least one strategy to overcome model limitations from one of the following aspects: hallucinations, standardized output consistency, response latency, API reliability, and data privacy.	10%
Case-specific(LLM related)	Comply with all requirements listed Handout under selected Use Case Section	5%

3. External Service Integration (15%)

Criteria	Expectation	Points
Service Selection	Demonstrates effective and appropriate use of external services, enhancing the project's functionality.	5%
Integration Implementation	Code is efficient, well-organized, and follows best practices. Error handling is robust, including graceful handling of API failures or unexpected responses. Integration with the project is seamless, enhancing functionality without disrupting existing features.	5%
Data Utilization	Data is efficiently processed and accurately stored, with clear evidence of effective use within the project. Demonstrates thoughtful consideration of data relevance and integrity.	5%

4. Integration of Model and Service Outputs (20%)

Criteria	Expectation	Points
Relevance and Accuracy	The overall relevance and accuracy of the combined output meets user inquiries effectively.	15%
Scalability	The project demonstrates good scalability, with considerations for future changes in the LLM/Diffusion Model or external service APIs.	5%

Notes:

- **Late Submission Policy:** Any project submissions made late on Canvas or GitHub will not be graded and will receive zero points.

- **GitHub Video Requirement:** If a student does not submit the GitHub video that should include both code walkthrough and functionality demonstration, the maximum grade they can receive is **80%** of the total points.

- **ReadMe File Requirement:** If the ReadMe file does not provide clear details on how to run the application, including any necessary variables that need to be updated or replaced, the maximum grade achievable is **90%** of the total points.