**Team Roles & Responsibilities (Updated)**

**1. NLU Model Developer – Ruben (Focus: Training the AI to Understand Queries)**

* Train an AI model to classify user queries and extract key details.
* Improve the system’s ability to recognize user intent, even when queries are ambiguous.
* Experiment with more advanced AI models if necessary.
* Provide a trained model that can be integrated into the chatbot.

**Deliverables:**

* A trained model that detects user intent and key details.
* Documentation explaining the model's functionality and performance.

**2. Dialogue Flow & Conversation Design – Ansh (Focus: Structuring the Chatbot’s Conversations)**

* Design the structure of conversations to ensure a natural interaction flow.
* Define when and how the chatbot should ask clarifying questions.
* Work with Andy to align responses with the intended conversation flow.
* Contribute to testing and refining the system’s interaction patterns.

**Deliverables:**

* Defined conversation flows for different types of user queries.
* A structured approach for managing chatbot interactions.

**3. NLG & Information Retrieval – Andy (Focus: Generating Responses & Finding Answers)**

* Develop a system for generating and retrieving accurate responses.
* Connect the chatbot to relevant data sources (Napier’s website, FAQs, etc.).
* Ensure responses are both relevant and contextually appropriate.
* Collaborate with Ansh to integrate responses effectively into the conversation.

**Deliverables:**

* A response generation and retrieval system.
* A method for retrieving relevant information dynamically.

**4. Rasa Implementation, Testing & Integration – Jordan (Focus: Making Everything Work Together in Rasa)**

* Implement the chatbot using Rasa, integrating Ruben’s NLU model.
* Conduct system testing to ensure proper functionality.
* Ensure compliance with privacy regulations and ethical guidelines.
* Oversee the integration of all components into a complete system.

**Deliverables:**

* A fully functional chatbot implemented in Rasa.
* A report evaluating the chatbot’s performance.
* Documentation on privacy and ethical considerations.

**Summary of Responsibilities**

* **Ruben** develops the AI model for understanding user queries.
* **Ansh** designs the chatbot’s conversation flow.
* **Andy** ensures the chatbot provides accurate and useful responses.
* **Jordan** integrates everything into Rasa and ensures system functionality.