📘 Sprint Review for Sprint 1

🟥 Introduction 🔗

This document provides a comprehensive review of Sprint 1 for our project aimed at developing a Q&A platform using a Furhat robot integrated with a domain-specific Language Model (LLM). The primary goals for this sprint were focused on foundational activities, including identifying user stories, client requirements, assigning team roles, deciding on technical details, and planning for subsequent sprints.

🎯 Sprint 1 Goals and Achievements 🔗

- **Identifying User Stories and Client Requirements**: Successfully identified and documented essential user stories and client requirements. This foundational work lays the groundwork for the project's scope and development trajectory.
- **Teammate Roles Assignment**: Each team member was assigned a clear role with specific responsibilities, ensuring a well-organized and efficient project team.
- **Technical Details Decision**: Made critical decisions on the technical aspects of the project, including tools, languages, and frameworks to be used, focusing on Python for web scraping and data preparation, and the use of GPT-4 for the LLM.
- **Planning for Sprint 2 and 3**: Established detailed plans for the next two sprints, including requirements to develop, technologies to use, and infrastructure to deploy. This planning was instrumental in setting a clear path forward for the project.

✔️ Completed Items 🔗

- Comprehensive identification and documentation of user stories and client requirements.
- Successful assignment of team roles and responsibilities.
- Decision on the technical details and tools to be used throughout the project.
- Creation of detailed plans for Sprints 2 and 3, laying out the project's next steps.

❌ Incomplete Items 🔗

- All planned items for Sprint 1 were completed successfully. There were no incomplete items.

🔧 Challenges and Solutions 🔗

- **Challenge**: Anticipating integration complexities between the LLM and the Furhat robot.
  - **Solution**: Decided to allocate additional resources for research and development in this area to mitigate future risks.
- **Challenge**: Ensuring data quality and legality for model training.
  - **Solution**: Implemented a rigorous data review process to ensure all scraped data is usable and compliant with legal standards.

💡 Key Learnings 🔗

- **Collaboration and Communication**: The importance of clear communication and collaboration among team members was reaffirmed. Regular meetings and updates played a crucial role in keeping the team aligned.
- **Technical Feasibility and Research**: Early research into the technical feasibility of integrating various components of the project (such as the LLM with the Furhat robot) is crucial for avoiding potential roadblocks later in the project.

📢 Stakeholder Feedback 🔗

- The sprint review received a high score of 9.2 out of 10, with positive remarks on the clarity and comprehensiveness of plans for Sprints 2 and 3. However, feedback suggested a need for better justification of task dependencies and rationales for task allocations to specific sprints.

➡️ Next Steps and Adjustments for Sprint 2 🔗

Based on the feedback received, the following adjustments will be made:

- **Enhanced Technical Research**: Given the complexities anticipated with the LLM and Furhat robot integration, additional technical research and feasibility studies will be prioritized early in Sprint 2.
- **Continuous Stakeholder Engagement**: Efforts will be made to engage stakeholders more actively in the sprint planning process, ensuring their feedback is incorporated effectively.

📝 Conclusion 🔗

Sprint 1 was a solid foundation for the project, with significant achievements in planning, role assignment, and technical decision-making. With the feedback and insights gained, the project is well-positioned to tackle the challenges of the next sprints, moving closer to realizing the vision of a sophisticated Q&A platform.

Burndown Chart Sprint 1

Chart: Sum of Tasks Estimate (Points) vs Iteration Timeline (days), comparing Expected and Actual lines.