Furhat Robotics

COMP90082-2024-QA-KOALA

Welcome to our software project space!

- Introduction to an innovative Q&A platform project.
- Utilizes a Furhat robot for interactive information delivery.
- Incorporates web scraping for data collection and preparation.
- Targets a dynamic and intelligent system for user queries and information dissemination.

Target release	2024年6月7日
Epic	🔴 comp90082-2024-qa-koala
Document status	PUBLISHED
Document owner	@Zhuowen Zheng
Scrum Master	@Xi Luo
Architecture Lead	@shaohuiw1
Quality assurance lead	@Chengjia Zhou
Development Environment Lead	@Jiyuan CHEN
Deployment Lead	@PENG TANG
QA	

extension

1.Project Overview 🔗

You can find project overview here~ 🔲 Project Overview

To summarize, this project aims to develop a Furhat robot into an advanced Q&A platform, blending web scraping and a tailored Language Model (LLM) to create an intelligent, interactive receptionist. Through stages of data gathering, LLM development, and integration, it seeks to enhance user interactions with AI and robotics, led by a specialized team focused on bringing this innovative vision to life.

2.Product Requirements 🔗

You can look at the product requirements here! ✍ Product requirements

The project focuses on developing a Furhat robot into an interactive Q&A and receptionist platform through web scraping, a Language Model (LLM), and integration phases, aiming to give users a conversational interface with versatile functionalities.

Some of the requirements specifications are here: 💡 Requirements specification

3. Status 🔗

3.1. Sprint 1 (We are in here) 🔗

In sprtin 1, we mainly focused on communicating with the client to gather requirements, hence make decisions regarding the tasks need to be done in sprint 2 and 3, also the technical details regarding the development of the product.

3.1. Sprint 2,3 🔗

In sprint 2, the main goal is to build a robust foundational codebase, as well as data scraping and preprocessing, and infrastructure to support development and deployment.

In sprint 3, the goal is to develop the core LLM for the product, and create the user interface.

Details are here 📘 Plan for Sprint 2 & 3

4. Technical Details 🔗

The development environment utilizes Confluence, Jira, and Trello for office software management, Github for software management, and Python, along with Langchain and OpenAI libraries, forming the core technology stack for RAG development and GPT API integration.

More details can be found here: 💻 Technical Details

5. Meeting Records 🔗

Meetings are taken regularly, and the meeting minutes can be found here: 👧 Meeting Notes

extension

Roadmap 🔗

extension

🚩 comp90082-2024-qa-koala

Client must be authenticated to access this resource.