

Task 8 HD: Project

This document supplies detailed information on Assessment Task 8 for this unit.

Key information

- **Deadline: 28th April by 11.59 pm IST**

Overview:

In this assessment, you need to develop an intelligent bot using Azure services for a business to **automate product recommendations**. The intelligent system should interact with the customer and process customer requests. The customer interacts with the system using text, images, etc. (you need to provide more than one input interaction option). For example, you can develop a bot for Deakin University that can interact with students and answer their questions using text and voice related to their courses, admission, etc.

This task will help you to understand how to develop an intelligent recommendation system using AI services.

Submit the following files to Olympu:

For this task you need to develop an intelligent bot using Azure Services for a business to automate product recommendation for their customers. You need to submit the following task:

- Develop the intelligent bot using OpenAI and other AI cognitive services to automate product recommendation. This system needs to interact with the customer and provide the customized recommendation based on the customer preference. Your bot can interact with the customer in multimodal ways, including text, voice and images and you need to use more than one input for this interaction (for example, your bot should interact with the user using text and voice).
- You need to discuss the following:
 - o The bot's purpose and the dataset it utilizes.
 - o You need to provide a flowchart of dataflow and the whole bot.
 - o The essential Azure services to use for this recommendation system and discuss why we need those services.
- Develop the bot and provide a document including the screenshot of your code running along with the description of your recommendation system. It's necessary for you to upload the screenshot of the code that's currently running.

- Create a video demonstrating your bot's functionality and user interaction, and upload the same.

The focus of this task is on building an intelligent recommendation system using AI.

Referencing

You must correctly use the Harvard method in this assessment. See the Deakin referencing guide.

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