

Introduction

Hello world

Project Description

Imagine that we will have visiting students from the animal kingdom. What may HKUST wish to be more friendly to the animal students?

Needfinding

- Imagine potential interstellar members on campus, envision:
 1. Possible user characteristics (e.g., form, ability, language, habits, etc.)
 2. Needs/obstacles they might have.
- Consider this to be an extreme version of the existing problems.
- Empathize by exploring newcomers' common needs and challenges on campus by talking to people in the HKUST community before the in-class brainstorming session on Feb 20.
- Feel free to explore the use of AI tools for this process. Form a habit to document your AI usage and key decisions.

Ideation

- Potential problems with existing entities (in class on Feb 20)
- Combining ideas about (1) and (2) to form a POV.
- Brainstorming potential problems with current facilities, hardware, software, services, etc. on campus
- Document the ideation process via Mindmap
- Credit the AI tool(s) used in the project

Group Presentation

- Quick overview of the POV-based Mindmap created and focus on one specified user scenario drawn from the brainstorming results as an example.

Learning and Execution Process

- First, we interviewed the students in the HKUST community to find out their needs and challenges.
- We asked a few questions in the interview:
 1. [Question 1]
 2. [Question 2]
 3. [Question 3]
 4. [Question 4]
- We discussed all the ideas in the interview and identified potential problems.
- After discussion, we picked the food option problem in HKUST.

Problem Identification

- For animals, they will have different preferences for food. For pandas, they may want to eat bamboo, for tigers, they may want to eat meat, etc.
- We consider this as an extreme version of the existing food problem in HKUST.
- In HKUST, the allergy products are not specified, and students may not know what they can eat and cannot eat.

Proposed Solution

- Develop a system that can help students filter out the products they are allergic to.
- By tapping the card in the ordering machine, the system will filter out the products they are allergic to.

Use of AI

- In this project, we used GenAI to help us with the ideation and needfinding process.
- [Link to AI tool usage](#)

Personal Contributions and Achievements

- We took turns interviewing people in the HKUST community and discussing ideas.
- In this project, I interviewed 4 people and tried to find out the existing problems and needs.

Personal Reflection

- In this project, I learned how to find the potential problems and needs of the students in the HKUST community and how to gather information by interviewing them.