

AI Agent for Task Allocation

Objective: Develop an AI agent using any AI studio (e.g., Microsoft AI Foundry, etc.) to efficiently allocate jobs/tasks to available individuals whose expertise matches the requirements.

Background: Effective task allocation is crucial for maximizing productivity and ensuring that tasks are completed by the most qualified individuals. An intelligent AI agent can streamline this process by matching tasks with the right people based on their skills, availability, and preferences. The goal of this hackathon is to create an AI-powered solution that can handle various aspects of task allocation, making team management more efficient.

Requirements:

1. **AI Studio Utilization:** Participants must use an AI studio like Microsoft AI Foundry to develop their solution.
2. **Core Features:**
 - **Task Matching:** Ability to match tasks with individuals based on their expertise and availability.
 - **Availability Management:** Track and manage the availability of individuals.
 - **User Interface:** Develop a user-friendly interface for interaction with the AI agent.
 - **Personalization:** Implement features that allow the AI agent to learn user preferences and adapt accordingly.

Evaluation Criteria:

- **Innovation:** Creativity and uniqueness of the solution.
- **Functionality:** Effectiveness in matching tasks with the right individuals.
- **User Experience:** Ease of use and interface design.
- **Scalability:** Potential for the solution to be used by a wide range of users.

Deliverables:

- A working prototype of the AI agent.
- Documentation detailing the development process, features, and usage instructions.
- A presentation/demo showcasing the solution.