



Mediation

In the following experiment, the Operations Managers will be responsible for the team mediation process. Mediation is the process of guiding the team toward completing the task. Please use the mediation prompts provided in this document to manage the team through this process.

Each role in your team has specific responsibilities, and they will require distinctive mediation prompts. The mediation list presents different prompts for each team role. You can send any of these instructions at any given point during the experiment, and you can adjust any of these mediation prompts or create new ones (or reselect them) according to your team requirements.

When handling these prompts, please clarify the justification behind the mediation, following the template: "mediation [justification]".

For example, you can request one Design Specialist to: "Search for a drone with a longer range [because operations need to reach further locations]". Here, the phrase "search for a drone with a longer range" is the mediation, while the phrase in brackets is the justification.

The mediation prompt list can be found in the next page.



Mediation prompt list

Business Manager

Define specific market scenarios

- Create a scenario that eliminates the farthest deliveries
- Create a scenario that prioritizes high payload deliveries
- Create a scenario that eliminates low payload deliveries

Evaluate specific operation plans

- Evaluate two plans against each other and submit the best plan
- Evaluate two plans against each other and report the differences
- Evaluate three plans against each other and report the differences

Operations Specialists

Identify market requirements

- Identify at least 2 food delivery requirements (e.g., distance, payload)
- Identify at least 2 parcel delivery requirements (e.g., distance, payload)

Define operations plans

- Create an operations plan that targets the highest payload deliveries
- Create an operations plan that targets the closest deliveries
- Create an operations plan that prioritizes food deliveries
- Create an operations plan with a minimum number of paths
- Create an operations plan that uses the least expensive drones
- Create an operations plan that services the largest number of customers
- Create an operations plan that uses no more than 3 different drone types

Design Specialist

Design new drones with specific requirements

- Create a drone that has cost under 4500 and only 4 motors
- Create a drone with four motors of size 3 and two airfoils
- Create a drone that has payload 14 lbs and range 15 mi
- Create a drone that has payload 18 lbs and range 20 mi

Modify existing drones

- Modify an existing drone to have lower cost by reducing the size of motors or swapping with foils
- Modify an existing drone to have a longer range by adding batteries or increasing the battery size