

Team Structure Change

There is a team structure change in the following design session. In the new team structure,

- There will be six people on your team, and each person will be assigned one role.
- The arrows in the figure represent the communication channels between team members.
- Team members will communicate through a text-only chat tool during the design sessions. Team members are not allowed to communicate verbally.

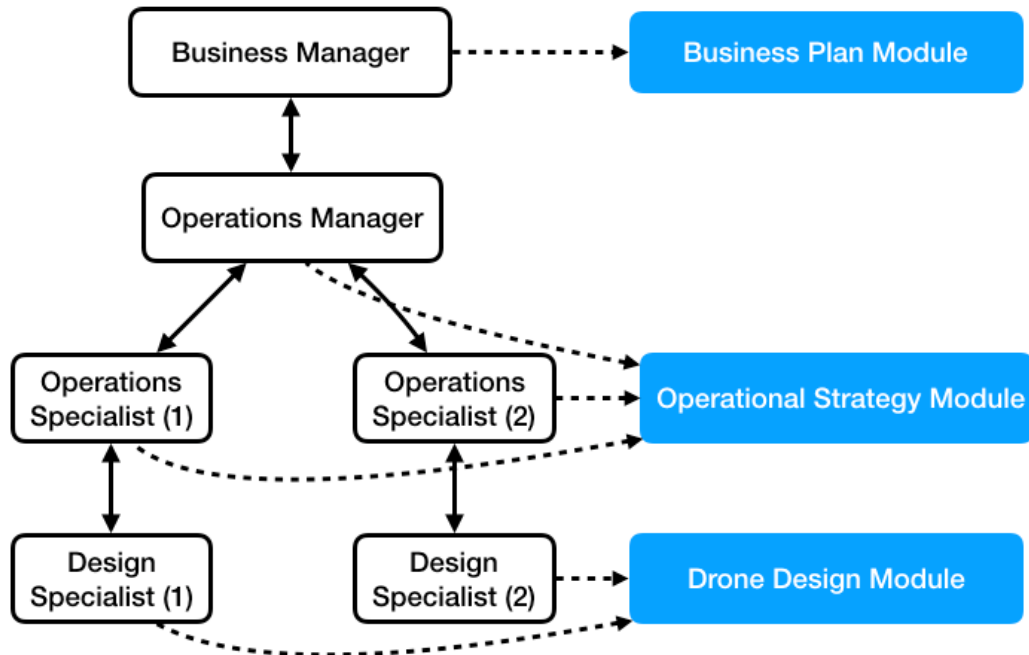


Figure 1 – Team Structure and Communications Links. One **Operations Specialist** can only communicate with one **Design Specialist** and with the **Operations Manager** through the chat tool.

Team Roles and Capabilities

The two **Design Specialists** are responsible for designing drones using the Drone Design Module and submitting completed designs to the operations specialist.

The two **Operations Specialists** are responsible for developing operation plans by generating delivery routes with designed drones to deliver parcels.

The **Operations Manager** is responsible for managing the Operations team and communicating its progress.

The **Business Manager** is responsible for handling the company budget, choosing the customers using the Business Plan Module, and communicating its progress. The Business Manager can decide to approve or reject the operation plans.

Company Role: Design Specialist

The **Design Specialist** is responsible for:

- Designing drones using the Drone Design Module
- Informing the status and capabilities of the drones to the Operations Specialist
- Submitting completed drones designs to the Operations Specialist

Drone Design Module – For Design Specialist

Using the **Drone Design Module** designers can:

- Construct drones by adding building blocks such as connecting rods and proper components
- Check the drone design feasibility by running a simulation
- Assess the cost and the performance of the design
- Submit feasible drone designs to the Operation Strategy Module



Figure 2 - Drone Design Interface