

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.

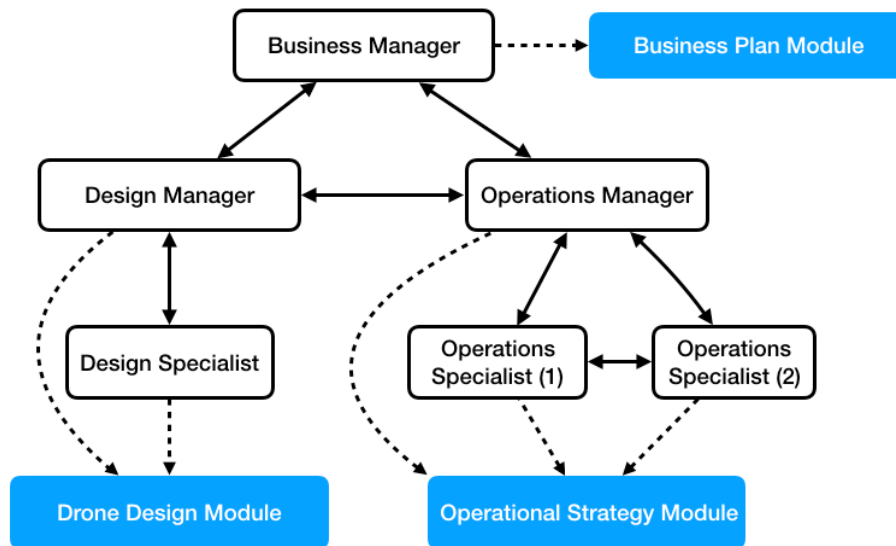


Figure 1 – Team Structure and Communications Links. **Operations Specialists** can only communicate with each other and with the **Operations Manager** through the chat tool. Similarly, the **Design Specialist** can only communicate with the **Design Manager**.

Team Roles and Capabilities

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

The **Design Specialist** is responsible for designing drones using the Drone Design Module (with Design Manager) and submitting completed designs to the operations team.

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

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

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 Design Manager
- Submitting completed drones designs to the Operations Team

Drone Design Module – For Design Manager and 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