

Welcome to the Operational Planning Team!

Purchased Desi

- winged
- winged
- base

Team Plans

aiPlan
manual

Plan Metrics

Profit (\$) : 1500
Operating Cost (\$) : 2301
StartUp Cost (\$) : 10730

Number of Deliveries : 7

Weight Delivered (lb) : 15
- Parcel (lb) : 15
- Food (lb) : 0

Submit

Path updated

Delivery weights (lb)
house scale

Parcel

Food

Warehouse

Information Flow

You will be receiving highlighted customer locations from your team's business manager (to deliver parcel and food) and drone designs from your team's designers

Your role is to develop routes for a fleet of drones that maximize profit by delivering parcel and food to customers while satisfying a budget constraint.

Profit (\$) : 150
Operating Cost :
StartUp Cost :

Number of Drones :

Weight Delivered (lb) : 15
- Parcel (lb) : 15
- Food (lb) : 0

Submit

Path updated

Team Plans

aiPlan

manual

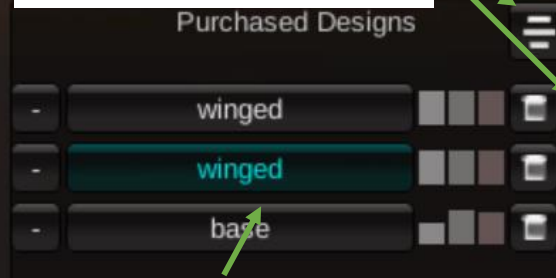
s (lb)
scale

Food

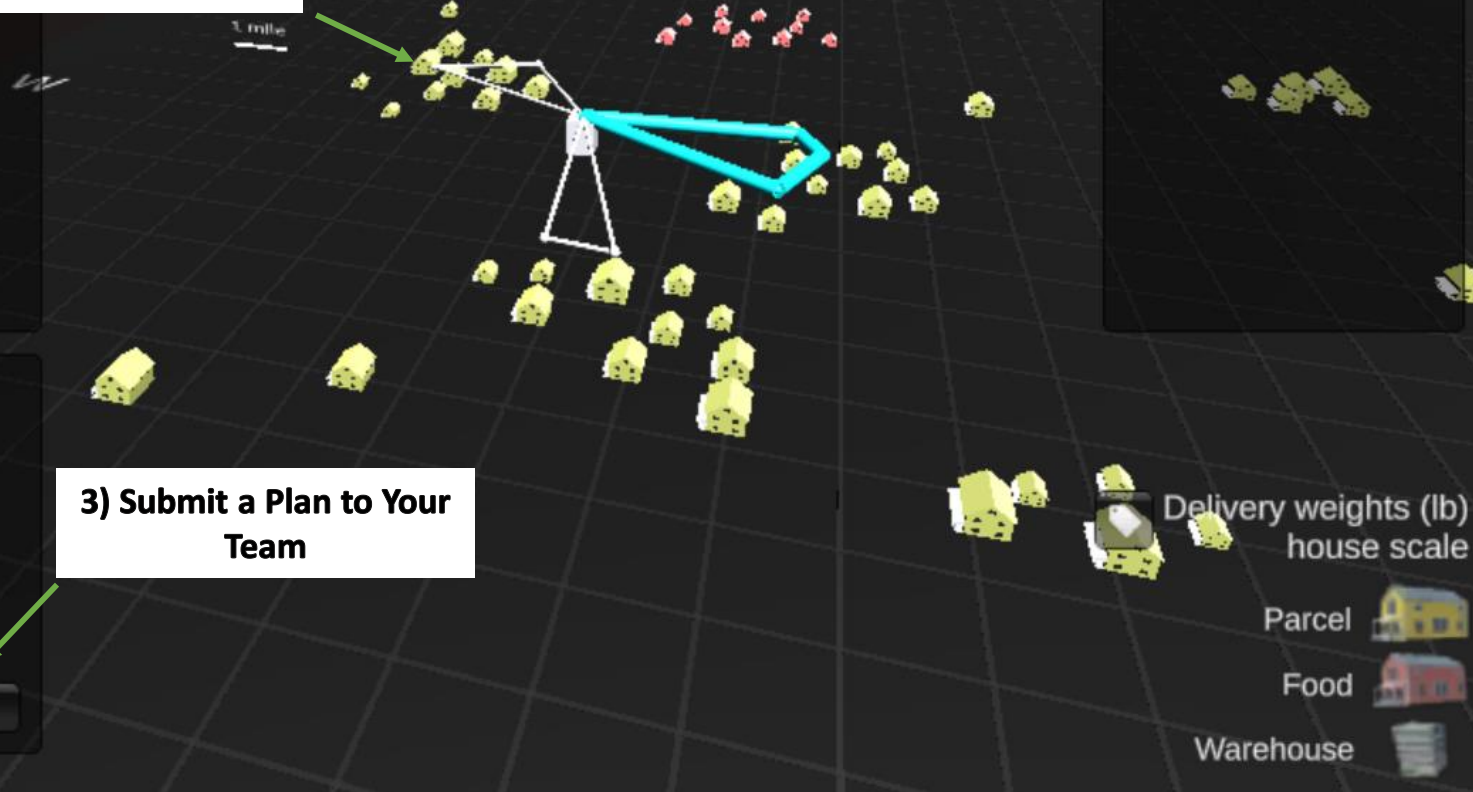
Warehouse

General Guidance

1) Add Design(s) to Your Purchased List



2) Select a Design to Add a Delivery Path, and Add Delivery Paths for Each Design Using Mouse Clicks



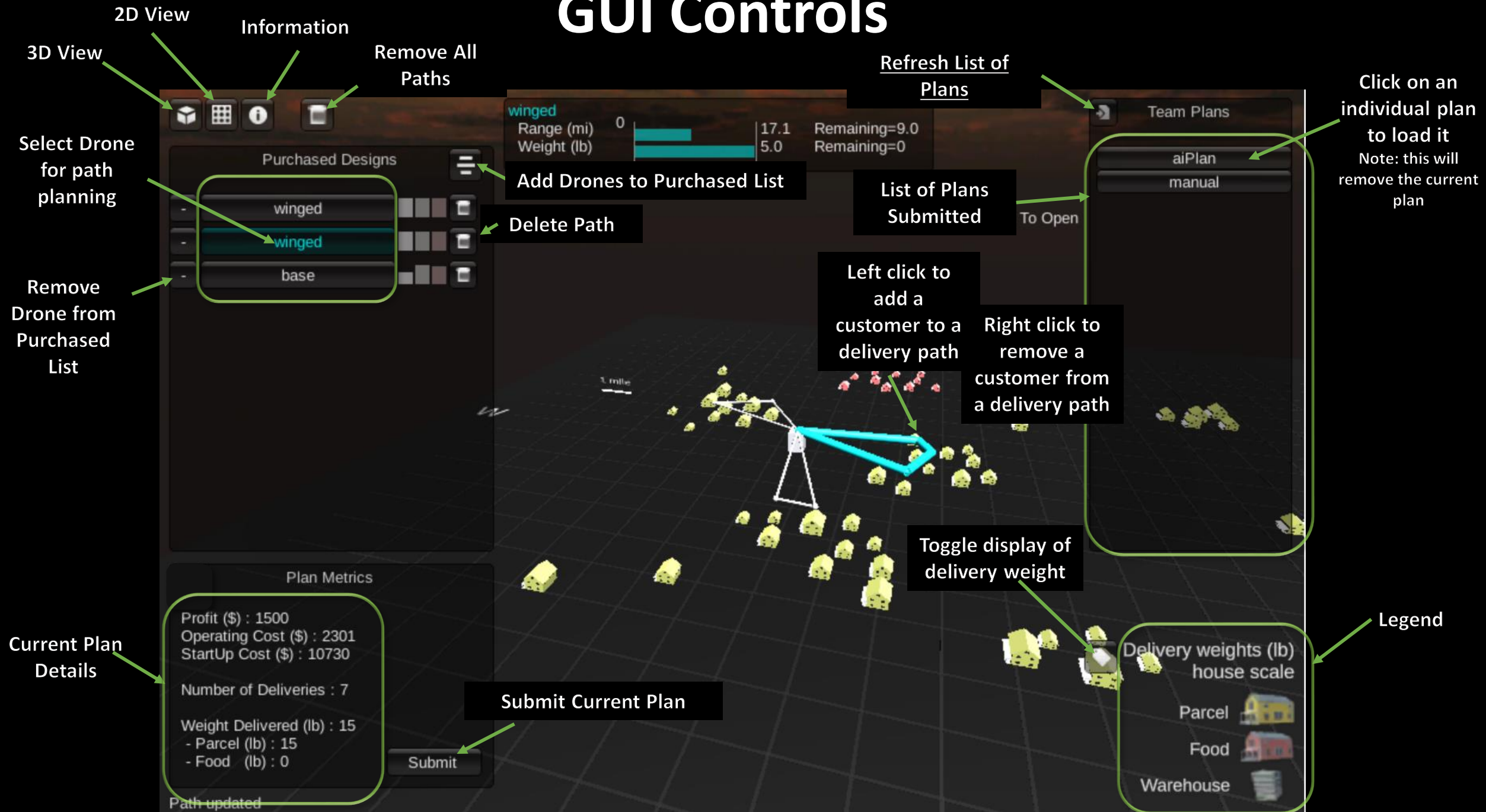
3) Submit a Plan to Your Team



4) Load Plans from Your Team and Open/Edit



GUI Controls

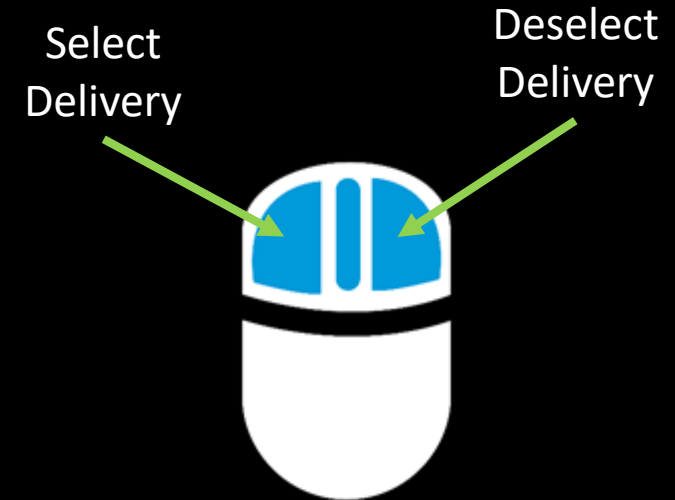


Manual Path Planning



Larger Houses indicate higher demand
Note: this demand can be displayed as delivery weight.

Path planning:
Hover the cursor over a delivery location

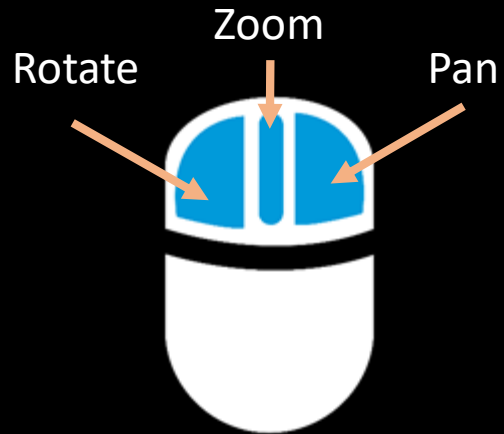


Note: Deliveries must be added to the path plan in the order they will be made. Deliveries can be removed from the plan in any order.

3D Scene Movement

Mouse

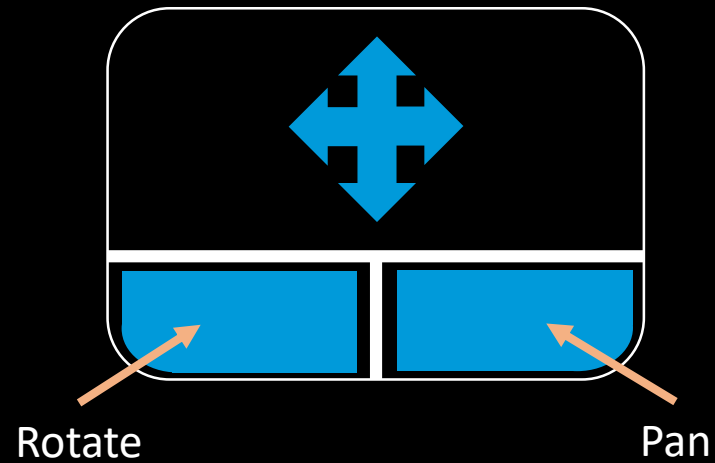
Click + drag



Zoom: **Shift** + drag

Laptop Touchpad

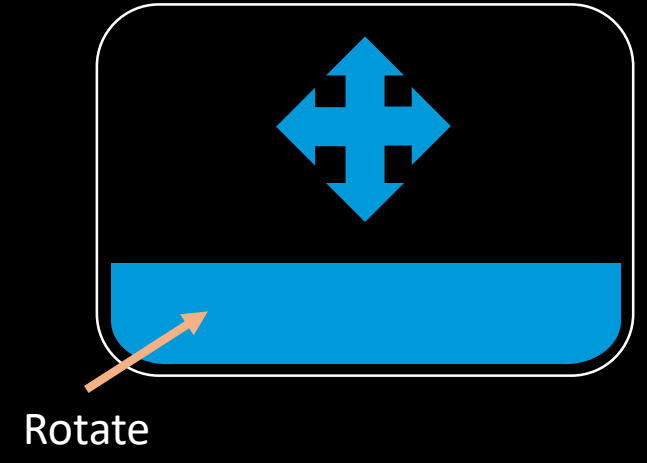
Click + drag



Zoom: **Shift** + drag

Mac Tracpad

Click + drag



Zoom: **Shift** + drag