Create Proposal

Present proposal

Yes

No

Proposal approved?

Edit proposal

Yes

Collect materials needed for first steps

Construct initial circuit to power the motors

Write code to SDK for basic movement using electronic speed controllers to adjust motor speed

Test basic manipulation of motors (with and without propellers)

Test succeeds?

No

Identify mistakes in code and rework it

Yes

Integrate distance sensor

Expand on SDK code to accommodate sensor data

Test flight along a flight path, testing use of sensors

Test succeeds?

No

Identify mistakes in code and rework it

Yes

Integrate radio receiver to connect with controller

Test controller

Test succeeds?

No

Identify mistakes with integrating radio and rework it

Yes

Project finished!