Status	>	>	>	>	>	>	>	>	>		
Steps	Implementing port connections	Developing server sockets for connect and disconnect the drone	Drone should connect to server automaically if battery is connected to it	Drone should automatically disconnect from server if battery disconnected	Implement code for attitude, altitude, battery percentage, Latitude, Longitude details	Implement code for getting all live alerts for drone such as Low Battery Warnings, Pre Flight Errors, Post Flight errors etc	Implement code for getting all messages like Armed, Disarmed, Changing modes etc	Implement server with endponts of all the features	R&D on implementing takeoff, landing, emergency landing, rtl, custom thust generation	implement the mission file for loading it to the drone and implement the automode to start execute the mission	Implement error handing for drone
Description	Client in drone should automaically connects to server when battery is connected, and then on hitting an api by taking drone id it should connect to the drone with that particular id			Once if the connection is established, get the drone data like messages, warnings, parameters from pixhawk to server via sockets in client and server			R&D on trigger the events like thust, emergency landing, return to launch, hover, alt hold, loiter, loading a mission, altitude holding, auto mode				
Task	Server Connections to Pixhawk in Srone			Retriving drone data from pixhawk			Triggering Features				
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Implement internet connection to the raspberrypi using 4g waveshare module and the connect raspberrypi to drone, and if the battery connected to the drone, it should trigger the automatically turn on raspberrypi, 4g module and drone as well. as soon as Raspberry pi gets powered, it soould run client code which listens to server connections Test the endpoints apis that we generate SWARM DRONE IMPLEMENTATION Implemnt endpoints which can select multiple drone inorder to make drone swarm	connection to raspberry pi using 4g module Run the client when battery connects and listen to the server	Implement UI for planning drones position and should the status and availability of drones	Implement functionality of taking lat, Ing, and height of planning drones and generate json file	R&D on client implementation for swarming the drone by taking json data	Deploy the drones as per the plan	
Implemer raspberry and the or if the batt should trigrapherry as soon a soould run server col Test the e Test the e swarm	connection to romodule Run the client we listen to the service.	Implement UI for pla position and should tl availability of drones	Implement function and height of plar generate json file	R&D on client in swarming the d	Deploy the dror	Error handling
erry pi integraton to drone the end points nent multiple drone ation	if the battery connected to the drone, it should trigger the automatically turn on raspberrypi, 4g module and drone as well. as soon as Raspberry pi gets powered, it soould run client code which listens to	Using UI we should be able to select the drone and position it, so that it should automatically take the height the height, latitude, longitude of drone using that ui and then return a json data wich all the data of plan		By taking ison file evenydrone should	listen to its respective command and	position accordingly
Raspberry parting the Implement automation	Raspberry pi integraton to drone	Implement a basic UI where we can map the drones		Implement the client con	command the drone by taking json	
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