Shubham

Welcome to SAG Droning’s presentation,  
Our team members are Shubham that is me,…….. Arman velani and…….. Gursehaj Harika.   
before we begin I would like to talk something about drones. As you all know Drones are the next generation tech and that everyone wants to own. The cheapest drone you can find are for $50 and can go s high as $6000 drones.

If you get a basic drone, it’s a basically trash and why am I saying its trash because it doesn’t any sensors or safety features and they crash land and are unreliable, if you want something that’s not trash you would have to shell out more than $2000 that could provide you with features like remote activation, motion detection, crash land warnings and real time location and expensive maintenance ….

So, drones are expensive to own.

What if we tell you that we can provide you with a cheaper solution,  
we can display your drone’s battery and circuit temperature.

detect the drone’s elevation and exact location,

detect if the drone is on the move or stationary or crash landed.

Imagine all these features at the price that is as low as your weekly grocery bill.

The device we are talking about is called SAG.

I would like to call a hardware professional (Former developer of Gursehaj Creations) that will brief you in detail about the features that our application will provide you.

Arman

We will provide you with an application that will show you an in-app data of your personal drone.

App data would be the logs from your drones’ previous flights also it will display the temperature warnings, let’s say your battery is overheating, or your motherboard is on fire based on that we will show the warnings.

Using the altitude of your drone, it will provide you with exact atmospheric pressure around the drone which will help you it stabilizes the drone even better.

The most important thing is when the drone is flying you wouldn’t know what angle it is flying; our app will tell you’re the exact orientation based on your accelerometer’s sensor readings

Also, if the application detects a sudden change in your drones’ path, it will show you a crash land warning. Another point people consider is that they want to see live data of their drones. Our team worked day and night on it to make your imagination possible. We provide you with live data as well. Also in future we are planning on some additional features like Flight path and live GPS location of your drone.

These are the Hardware components which will basically be used on the hardware device.

Barometric Pressure sensor (MS5611)

3 axis accelerometer (MMA8451)

Temperature sensor (TMP102)

Gant chart

Gursehaj Explanation Application and features.