

Group number: DEC1705

Project title: Drone Energy Delivery

Client &/Advisor: Geiger/Chen

Team Members &/Role: Dustin Reed: Communication Justin Howe: Team Lead, Jeffery

Schons: Webmaster, Chidike Ubani: Key Concept Holder, Avanish Kuntla

o **Weekly Summary**

We reviewed our progress on the App and the changes we have seen be made to the DJI SDK.

o **Past week accomplishments**

- Dustin Reed:
- Avanish Kuntla: Working on updating image retrieval methods to current sdk version and getting appropriate file types and resolution (Jpeg and preview resolution)
- Jeffery Schons: Working on finding how the control stick functions in the code. Looked into seeing if can easily lock the drone to facing the same direction (such as always facing north). Obtained a small backup external phone battery and usb cord for use for the project.
- Justin Howe: Working on adding second stage tracking to opencv test app. Polishing, improving performance, and attempting to figure out memory issues while running app.
- Chidike Ubani: Working on verifying that code that controls the orientation of the camera is up to date with current SDK.

o **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Dustin Reed			
Avanish Kuntla			
Jeffery Schons			

Chidike Ubani			
Justin Howe			

- **Summary of weekly advisor meeting**