

Meeting notes - Initial plan

We have decided on the FlightGear open source flight simulator package.
<https://www.flightgear.org/>

- Initial list of things that we will do to get this project done.
 - Integrate sim with Arduino for switches, buttons interface.
 - Create/confirm proper b25 flight models in flightgear.
 - Create all required gauges (in software).
 - Determine how to network computers/raspberry Pi's.
 - Determine how to work with multiple monitors.

What needs to be done right now:

We need to Introduce Vern Patterson (our sponsor) to what we are going to be doing this semester.

We will generate main ideas, and *tell him about our flight package*. To do this, we will create a powerpoint presentation.

Each subject has a set of slides (less than three slides per main topic).

Subjects:

- FlightGear software overview and features (2 people) - Joe/Kala
- Overall plan/goals/deliverables - Noah
- Cost estimations - Charlie
- Arduino/Raspberry PI integrations - Jon
- Design questions and potential Hardware problems. -Shahd

Logistics notes

Preliminary list of things to be delivered for this project:

- **We still must deliver a set of requirements to the museum. List and diagrams.**
- **Documentation on how the system will be structured.**
- **Documentation on flight software and our modifications if any.**
- **Documentation on how sim software will be integrated with the hardware.**
- **A working demo of a flight sim (with gauges especially) working at the museum.**