<table>
<thead>
<tr>
<th>Accomplishments/Status</th>
<th>Upcoming Milestones</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Created Design Template</td>
<td>• (2 Weeks) Research Paper</td>
</tr>
<tr>
<td>• Met with Team.</td>
<td>• (1 Week) Project Statement</td>
</tr>
<tr>
<td>• Started Project Statement</td>
<td>• (Next week) Receive GANTT from team</td>
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<tr>
<td></td>
<td>• (TBD) Receive hardware preliminary plan from team</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plan Forward</th>
<th>Issues:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Meet next week to discuss progress, and adapt accordingly</td>
<td>What do you mean about the high-level requirements such as</td>
</tr>
<tr>
<td>• Finish Project Statement</td>
<td>- Operational envelope</td>
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<tr>
<td></td>
<td>- Mission Capability</td>
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<tr>
<td></td>
<td>- Control setup</td>
</tr>
<tr>
<td></td>
<td>- Restriction System</td>
</tr>
</tbody>
</table>
**Accomplishments/Status**
- Met with Team.
- Finished Project Statement
- Met with project advisor
- Made a GANTT chart

**Plan Forward**
- Meet next week to discuss progress, and adapt accordingly
- Finish Project Statement

**Upcoming Milestones**
- (1 Week) Research Paper
- (2 Weeks) Start working on SRS

**Issues:**
- N/A
**Accomplishments/Status**
- Met with Team.
- Finished draft Research Paper
- Updated GANTT chart

**Plan Forward**
- Meet next week to discuss progress, and adapt accordingly
- Start Working on SRS

**Upcoming Milestones**
- Start working on SRS

**Issues:**
- Want to know what are our requirements for the SRS
- Also want to make sure draft research paper is good
### Accomplishments/Status

- Met with Team.
- Updated GANTT chart
- Finished Preliminary SRS

### Upcoming Milestones

- Finalizing SRS
- coming up with design review presentation

### Plan Forward

- Meet next week to discuss progress, and adapt accordingly
- Figure out deadline dates for SRS

### Issues:

- N/A
### 10/25/2020  Modern Helicopter Flight Control System

#### Accomplishments/Status
- Met with Team.
- Updated GANTT chart
- Finished Preliminary SRS
- Design review presentation

#### Plan Forward
- finish SRS
- Start simulink implementing FCS

#### Upcoming Milestones
- Finalizing SRS (11/09/20)
- Work on simulink (11/01/20)

#### Issues:
- N/A
Accomplishments/Status

• Met with Team.
• Updated GANTT chart
• Finished SRS version 1

Plan Forward

• finish SRS
• Start simulink implementing FCS

Upcoming Milestones

• Start working on simulink (11/01/20)
• Final SRS due (11/09/20)

Issues:

• Not right now, definitely when we start simulink
### Accomplishments/Status
- Met with Team.
- Updated GANTT chart
- Finished SRS

### Plan Forward
- Start simulink implementing FCS

### Upcoming Milestones
- Start working on simulink (11/09/20)
- Final SRS due today (11/09/20)

### Issues:
- Not right now, definitely when we start simulink
Accomplishments/Status
- Met with Team.
- Updated GANTT chart
- Started working on simulink

Upcoming Milestones
- First simulink model (11/22/2020)

Plan Forward
- See how much FCS the group can do by (11/22/2020)

Issues:
- Not right now, definitely after the first model
Accomplishments/Status

- Met with Team.
- Updated GANTT chart
- Started working on simulink

Upcoming Milestones

- First simulink model (Due today)

Issues:

- having issues with simulink starting point.

Plan Forward

- keep simulating for the best results
Accomplishments/Status

- Met with Team.
- Updated GANTT chart
- Started working on simulink

Upcoming Milestones

- First simulink model (Due today)

Plan Forward

- keep simulating for the best results

Issues:

- Did an example on simulink using px4, what is the next step
### 12/13/2020  Modern Helicopter Flight Control System

#### Accomplishments/Status
- Met with Team.
- Updated GANTT chart
- Started working on simulink

#### Upcoming Milestones
- Completed downloading PX4 and syncing it with simulink
- Work on ISM and OSM to see if those work

#### Plan Forward
- Keep simulating for the best results

#### Issues:
- N/A
Accomplishments/Status

- Met with Team.

Upcoming Milestones

- work on ISM and OSM to see if those work

Plan Forward

- Things to buy:
  - Pixhawk 4 (+ kit ?)
  - Taranis RC
  - micro SD (SanDisk Extreme U3 32 GB)
- keep simulating for the best results

Issues:

- using jMAVSim with QGroundControl
- Do we care about vertical velocity? May need throttle
**Accomplishments/Status**
- Met with Team.

**Upcoming Milestones**
- Test simulations
- Order form completion

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Accomplishments/Status
- order form completed
- modified px4
- working on ism

Plan Forward
• working ism
• working osm
• work connected together
• research sensor fusion algorithm

Upcoming Milestones
• show basic working Simulink model

Issues:
• Check order form
Accomplishments/Status
- Completed Overview of ACVH flight mode pp.
- Order form completed
- Modified px4
- Working on ism

Plan Forward
- Working ism
- Working osm
- Work connected together
- Research sensor fusion algorithm

Upcoming Milestones
- Show basic working Simulink model

Issues:
- Check order form