

Meeting Activity Agenda

15001

Attendees:

- Adam Podolec: Electrical Engineer / Project Lead
- Megan Ehrhart: Senior Electrical Engineer
- Tyler Leichtenberger: Mechanical Engineer
- Noah Schadt: Mechanical Engineer / Team Facilitator
- Jared Green: Senior Mechanical Engineer
- Geni Giannotti: Biomedical Engineer / Treasurer

Current Meeting	Next Meeting
Location: GLE-2271	Location: BAD Lab
Start Time: 11:00am	Start Time: 12:45pm
End Time: 2:00pm	End Time: 2:00pm
Meeting Date: Thursday 10/2/14	Meeting Date: Monday 10/6/14

Old Business Items:

- Nazareth discussion
- Review PowerPoint

New Business Items:

- Present Design review
-

Items Left Outstanding:

Action items – Owners / Deadline:

- ❖ Team Tasks
 - Hanzlik tasks by Sunday:
 - Review Shared Vision. Megan to send on Sunday.
 - Submit updated phase 2 plan and phase 3 plan. Phase 3 plan should include tasks from our shared vision.
 - Submit peer evaluation
 - Submit phase specific self-assessment
- ❖ Adam Podolec
 - Survive the weekend!
Long term (10/21)
 - Bio
 - In Air flow look at flow of air muscle
- ❖ Megan Ehrhart
 - Clean SVN and Edge. All the documents from phase 1 need to be published and working copies will move to our private directory.
Long term (10/21)
 - Research low air alert
- ❖ Tyler Leichtenberger
 - Preliminary weight analysis? See Megan or Jared for electronic weights

Meeting Activity Agenda

15001

- Contact Dr.KLK about meeting w/ Noah
Long term (10/21)
- Consider more technical risks
- In Air flow look at flow of air muscle
- Consider Permanent Elastic in front
- Consider not using a quick connect / revise design
- ❖ Jared Green
 - Make that row on the battery table that has weight to kWatt/Hours
Long term (10/21)
 -
- ❖ Geni Giannotti
 - Adjust Use Scenario / Switch before sitting (10/9)
Long term (10/21)
 - Complete report from foot-lift feasibility test
 - Add unplanned use scenarios
- ❖ Noah Schadt
 - Engineering Requirements:
 - Change “FOS” instead of multiplier
 - Use a constant system of units
 - Temperature is not heat
 - Add corrosion test to long term plan (10/9)
 - Visit Performance paintball research regulators
Long term (10/21)
 - Refine foot-lift model with angles
 - Complete report from foot-lift feasibility test
 - Consider Permanent Elastic in front

Meeting Notes:

- Viewed P15462’s design review
 - They did a good job referring back to their agenda in the presentation
- GuideLines:
 - Shared vision for week 9 what are the key decisions that we need?
 - That will break down into tasks
 - Sometimes there are “Bigger fish to fry”
 - Compliments to the team

Presentation discussions:

- Ankle brace is that going to restrict the foot? – Noah discussed that it would not and showed the morph chart
- Sensor question from our guide – to be addressed later
- Passive vs active support – passive might be able to hold residual air and keep the foot rigid
- Secure foot – how did you come to that Dr.KLK – addressed; morph chart shown in backup slides

Meeting Activity Agenda

15001

- How could you conserve excess air and integrate sensors? Dr.D – Noah and Megan shared brainstorming ideas they had discussed
- Remember that air leaks are a real possibility especially with quick connects Dr.D
- Terrain sensing, something interesting – risk ant: mitigation (*I'm not sure what this was about, but we do need to add more technical mitigation plans and we could use the ROBO Ant's info to help us with this*)

Puns of the week:

- While playing with a soft gel air muscle hand one of the team members said that we be good for back support, then another commented “yeah we could use a pat on the back!”
- (Member 1) “We are presenting after the plane team” (Member 2) “yeah they are so boring”
- Sentences from Mr. Hanzlik are our “Guidelines”