

Meeting Minutes – Team Skidaddle

Location: Gauss Johnson Design Suite

Date: 7/10/2019

Time: 11:00 a.m.

Attendance

Adam Thurgood, Omar Ruiz, Saleh Alkhatami, Zach Hacker, Dr. Beyerlein

Agenda Items

1. Concept Design Review/ Other teams
2. Project Planning Workshop
3. Previous Action Items
- 4.
- 5.

Previous Action Items

Item:	Assigned to:	Due by:
Wiki-page outline	Omar	Tue. 3 rd
Wiki-page sections: Goal, Team Info, Problem Definition, Dual Drive	Saleh	Fri. 5 th
Wiki-page sections: Specifications, Team Mem. Info, Hydro Stat	Omar	Fri. 5 th
Wiki-page sections: Documentation, Single Rear Drive, EPT	Adam	Fri. 5 th
Portfolio update & resize page format	Adam	Tue. 3 rd
Alumni call, schedule calls with Dillon & Zach L.	Omar	Tue. 3 rd
Add Items to Gantt Chart	Adam	Mon. 2 nd
Finish Stock Skid CAD Parts	All	Wed. 4 th
Assemble Stock Skid CAD	Adam, Saleh	Fri. 5 th
Draft E-mail to BRP for donated skid rails/parts	Adam, Omar	Wed. 4 th
EPT: Contact Jay via forum to clarify "hybrid"	Adam	Wed. 4 th
Look into specs/req of each component of drive system		Wed. 4 th
Visualization- Power flow diagram		Fri. 5 th
Hydro-Stat: Determine size-ability, speed viability	Omar	Wed. 4 th
Ask Dr. Swenson about this design option		Wed. 4 th
Visualization- Power flow diagram		Fri. 5 th
Dual Rear Drive: Meet with Zach H.	Saleh	Wed. 4 th
Look into special considerations, spec out belts/suppliers		Wed. 4 th
Visualization- CAD visual/sketch.		Fri. 5 th
Single Rear Drive: Meet with Zach H.	Adam	Wed. 4 th
Look into special considerations, spec out belts/suppliers		Wed. 4 th
Visualization- CAD visual/sketch.		Fri. 5 th

Additional Notes

Design Review: Invite Thomas Entwit, Brannon Hudson, Steve Gassling

- Thursday July 25th, 11:30 am in EPB 205

What is needed in hand for the Design Review?

- Explain how each concept works, components, weight/size/cost.
- How to validate design.

New Action Items

Item:	Assigned to:	Due by:
Adjust Project Schedule	Adam	7/12/2019
Email group for Design Review Schedule	Adam	7/12/2019
Email BRP letter to Zach L. for feedback	Omar	7/12/2019
Get BRP contact info from Steve G.	Adam	7/12/2019
Assemble Stock CAD sub-assemblies	All	7/15/2019
- Model Rear Shock, bracket	Omar	7/15/2019
- Model Rear Shock large idler wheels	Adam	7/15/2019
Research Belt/Drives specs for up to 5000RPM & 500 ft-lbs.	Saleh	7/15/2019
Draft Value Propositions	All	7/15/2019