

HPRT MEETING MINUTES

Team Meeting

Sunday, 01 October 2017

12:00pm to

Minutes recorded by: Myla Azofeifa

Meeting called by: Jordan Loos

Attendees: Yi Tong Zhang, Alex Rustaey (Skype called in), William McGinn (arrived at 1:10pm)

Table 1 - Record of Meeting

12:05pm - 12:15pm	Begin Meeting <ul style="list-style-type: none">● Meeting started by Jordan Loos● Alex Rustaey called in● Topics<ul style="list-style-type: none">○ Preliminary Report○ Preliminary Presentation	EGR 108
12:15pm - 1:10:pm	Preliminary Presentation <ul style="list-style-type: none">● Date: Tuesday, 10/03/2017<ul style="list-style-type: none">○ Submit slides to BBLearn before 5:30pm● What is the length of the presentation?<ul style="list-style-type: none">○ Trevas emailed by MA● Parts needed:<ul style="list-style-type: none">○ Team Introduction○ Project Description○ Background & Benchmarking○ Customer Requirements○ Engineering Requirements● Also graded on delivery (voice, eye contact, gestures, effective use of time, Q & A)	EGR 108
Beginning at 12:47pm	Alex Cough Count ✓✓✓✓✓ ✓✓✓✓✓ ✓✓✓	
1:10pm		

	Design Considerations <ul style="list-style-type: none"> ● Using a piston ● Pre-drilled holes/incremental ● Valve sitting against the seat instead of a popper (like the valves/disk inside of an engine) ● Linear bearings 	
2:45pm	Deliverables to Present to Honeywell <ul style="list-style-type: none"> ● Fall 2017 <ul style="list-style-type: none"> ○ Media search - analysis of existing designs ○ Design concepts ○ Concept selection ○ CAD model ● Spring 2018 <ul style="list-style-type: none"> ○ Prototype ○ Testing ○ ● 	

Table 2 - Tasks Assigned

Tasks	Person Assigned	Due Date	Date Complete
Confirm report and presentation requirements with Dr. Trevas.	Alex Rustaey	09/28/2017	09/28/2017
Complete preliminary report - introduction.	Alex Rustaey	10/01/2017	
Complete preliminary report - requirements.	Myla Azofeifa	10/01/2017	
Complete preliminary report - system level.	Alex Rustaey Bill McGinn Yi Tong Zhang	10/01/2017	
Complete preliminary report - functional decomposition.	Jordan Loos	10/01/2017	
Compile preliminary presentation.	Myla Azofeifa	10/03/2017	
Complete preliminary report formatting.	Bill McGinn	10/06/2017	
Research existing reference pressure regulator technologies.		10/01/2017	
<i>Complete shop safety training. Must be done on a weekday at 9:30am. Contact</i>	<i>Jordan Loos Bill McGinn</i>	<i>Spring 2018</i>	

<i>Kellan Rothfus for more information.</i>	<i>Alex Rustaey Yi Tong Zhang</i>		
<i>Complete Advanced Shop Training (following the completion of shop safety training). Available every other weekend beginning 9/9 & 9/10. Contact Kellan Rothfus for more information.</i>	<i>Jordan Loos Bill McGinn Alex Rustaey Yi Tong Zhang</i>	<i>Spring 2018</i>	

Next formal meeting: Monday, 2 October 2017, Engineering Bldg. (#69), Room 108 at 7:00pm.