Senior Design Group

Project manager	Nathan Schram
Project dates	Sep 18, 2017 - Jan 16, 2018
Completion	12%
Tasks	30
Resources	3

Augmented Reality Sandbox
Project Progress Tracking
Group Members: N. Schram, R. Heifferon, R. Butler

Tasks

Name	Begin date	End date
Project Kickoff	9/18/17	10/6/17
Project Directives	9/18/17	9/18/17

SENIOR DESIGN I

Group Members:
1. Nathan Schram
2. Ryan Heifferon
3. Randy Bulter

Welcome Gentlemen,
This is going to be the working Gantt software that we use to track every step of our progress through the entire semester. I have created the general structure for each thing that is required this semester (with the exception of the individual assignments).

To differentiate our tasks and progress through individual tasks, I have assigned a color to each of us:
1. N. Schram - Purple
2. R. Heifferon - Orange
3. R. Butler - Green

Name	Begin date	End date
Define Problem	9/25/17	9/27/17
Develop Requirements	9/28/17	10/6/17

2017-NOV-27:
First pass of the software requirements document has been completed. Posted to google drive but have not heard back any feedback from the group. I will try and wrap that up this week.

Name	Begin date	End date
Develop Constraints	9/28/17	10/2/17
Develop Concepts	10/17/17	10/24/17
Brainstorming	10/17/17	10/17/17
Mind-Map	10/18/17	10/18/17
Functional Analysis	10/19/17	10/19/17
TRIZ	10/23/17	10/23/17
SCAMPER	10/24/17	10/24/17
Select Concept	10/30/17	11/1/17
Six Hats	10/30/17	10/30/17
Weighted Analysis	10/31/17	10/31/17
ROM Cost	11/1/17	11/1/17
Patent Search	11/2/17	11/2/17
Analyze Risks	11/3/17	11/3/17
Risk Radar	11/3/17	11/3/17
Preliminary Design	11/6/17	11/13/17
Layout Drawing	11/6/17	11/6/17

2017-NOV-29:
Completed the block diagram. I assume that was what this was meant for. A more detailed schematic style diagram will be created in Altium but will be documented under the "Detailed Design" section/OrCad.

Name	Begin date	End date
Master Equipment List	11/8/17	11/8/17
Power Profile	11/13/17	11/13/17
Analysis	11/14/17	11/14/17

Tasks

Name	Begin date	End date
Intermediate Design	11/17/17	11/17/17
Architecture	11/17/17	11/17/17

2017-NOV-29:
Software architecture document completed. Will go over the document with the group at our next meeting.

Name	Begin date	End date
Detailed Design	11/20/17	1/15/18
OrCAD	11/20/17	11/20/17
Matlab	11/22/17	11/22/17
Final Presentation	11/24/17	11/28/17
Software	12/18/17	1/15/18

2017-NOV-29:
This is the actual start of developing the software. This is not scheduled for the fall 2017 term but is something I will start working on over the winter break.

Resources

Name	Default role
Nathan Schram	project manager
Ryan Heifferon	undefined
Randy Butler	undefined

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Project Kickoff	9/18/17	10/6/17
Project Directives	9/18/17	9/18/17
Define Problem	9/25/17	9/27/17
Develop Requirements	9/28/17	10/6/17
Develop Constraints	9/28/17	10/2/17
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Mind-Map	10/18/17	10/18/17
Functional Analysis	10/19/17	10/19/17
TRIZ	10/23/17	10/23/17
SCAMPER	10/24/17	10/24/17
Select Concept	10/30/17	11/1/17
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Patent Search	11/2/17	11/2/17
Analyze Risks	11/3/17	11/3/17
Risk Radar	11/3/17	11/3/17
Preliminary Design	11/6/17	11/13/17
Layout Drawing	11/6/17	11/6/17
Master Equipment List	11/8/17	11/8/17
Power Profile	11/13/17	11/13/17
Analysis	11/14/17	11/14/17
Intermediate Design	11/17/17	11/17/17
Architecture	11/17/17	11/17/17
Detailed Design	11/20/17	1/15/18
OrCAD	11/20/17	11/20/17
Matlab	11/22/17	11/22/17
Final Presentation	11/24/17	11/28/17
Software	12/18/17	1/15/18

Resources Chart

Name	Default role	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Week 1	Week 2	Week 3
		2017																2018		
		9/10/17	9/17/17	9/24/17	10/1/17	10/8/17	10/15/17	10/22/17	10/29/17	11/5/17	11/12/17	11/19/17	11/26/17	12/3/17	12/10/17	12/17/17	12/24/17	12/31/17	1/7/18	1/14/18
Nathan Schram	project mana...																			
Ryan Heifferon	undefined																			
Randy Butler	undefined																			