

TIME SHEET DESCRIPTION DOCUMENT

*Assignment presented to
Frank P. Ferrie
David Alister Lowther
Benoit Boulet*

ECSE 211: Design Principles and Methods

Presented by Team 20

Team Number: 20

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Specifications: This document is a description of all the accomplished tasks mentioned in the Gantt Chart and tracked in the Time Sheet.

Week 1	Task ID	Justification
Max Brodeur-Urbas	6	Brainstormed and got all tasks organized
	34	Testing and Debugging
	8	Created Gantt Chart
	7	Worked as group through fore-sought logical design issues
	39	Adjusted Preliminary Gantt chart to realistic standards
	40	Organize and prepare presentation
Carl El Khoury	6	Brainstormed preliminary software design
	34	Wrote the code
	7	Worked as group through fore-sought logical design issues
	45	Worked on Rough draft of software logic
Zakaria Essadaoui	6	Brainstormed preliminary software design
	34	Wrote the code
	7	Worked as group through fore-sought logical design issues
	45	Worked on Rough draft of software logic
Ayden Malik	6	Brainstormed and researched document structure
	34	Constructed Prototype
	7	Worked as group through fore-sought logical design issues
	9	Drew out groups initial hardware concept
Ashish Paul	6	Brainstormed and researched document structure
	34	Testing and Debugging
	7	Worked as group through fore-sought logical design issues
Shaodi Sun	6	Brainstormed and researched document structure
	34	Collaboratively constructed all 4 documents
	7	Worked as group through fore-sought logical design issues
	39	Adjusted Budget
	40	Review all documents for submission and write summary

Week 2	Task ID	Justification
Max Brodeur-Urbas	56	Organization of team responsibility
	76	Worked on finalization of Presentation
	213	Tabulated all worked hours and justification for each
	69	Brainstormed pros and cons of all three designs
Carl El Khoury	59	Worked on creation and completion of Software design doc
	69	Brainstormed pros and cons of all three designs
Zakaria Essadaoui	59	Worked on creation and completion of Software design doc
	70	Worked on Software flow chart and Class diagram
	69	Brainstormed pros and cons of all three designs
Ayden Malik	58	Created 3 proposals and completed hardware document
	69	Presented concepts and strategic structural approaches
Ashish Paul	60	Worked on Testing document
	69	Brainstormed pros and cons of all three designs
Shaodi Sun	76	Worked on finalization of documents
	69	Brainstormed pros and cons of all three designs

Week 3	Task ID	Justification
Max Brodeur-Urbas	82	Modelled and constructed ring catching mechanism
	11	Attended and presented in design meeting
	87	Tabulated and updated hours in spreadsheet.
	92	Updated Gantt chart with corrections and completion status
Carl El Khoury	82	Modelled and constructed sweeping mechanism
	11	Attended and presented in design meeting
	91	Documented status of code development in software doc
Zakaria Essadaoui	11	Attended and presented in design meeting
	91	Documented status of code development in software doc
	84	Created preliminary software API in software doc
Ayden Malik	82	Modelled Integrated gears linking top and bottom catcher.
	11	Attended and presented in design meeting
	261	Updated hardware document with specifics of new design
	86	Reviewed completeness and accuracy of hardware doc
Ashish Paul	11	Attended and presented in design meeting
	92	Updated testing document with relevant test information
	254	Tested and recorded sensor accuracy and applications
Shaodi Sun	11	Attended and presented in design meeting
	87	Aided in tabulation of hours and tasks performed
	86	Reviewed submitted documents and their contents

Week 3	Task ID	Justification
Max Brodeur-Urbas	80	Attended and presented in design meeting
	268	Restructured and filled in gaps in hardware document
	6	Updated and extended detail of gantt chart
	114	Tabulated hours and provided justification for tasks.
Carl El Khoury	80	Attended and presented in design meeting
	264	Implemented motorized light sensor arm
	96	Coded logic for navigation and ring pickup
	97	Tested and debugged code for beta design
Zakaria Essadaoui	80	Attended and presented in design meeting
	99	Implemented wifi class in software
	96	Coded logic for navigation and ring pickup
	97	Tested and debugged code for beta design
Ayden Malik	80	Attended and presented in design meeting
	264	Implemented static arms at ideal height
	268	Updated design for week 4
	95	Modified the robot to facilitate software design
Ashish Paul	80	Attended and presented in design meeting
	95	Modified the robot to facilitate software design
	270	Extended and improved testing document
	97	Tested and documented results of beta design
Shaodi Sun	80	Attended and presented in design meeting
	270	Added detail and reviewed testing document
	264	Aided in the building static arm
	97	Aided in preparation of documents with beta testing info