## McMaster, CAS Department

Project manager

**Project dates** 4-Sep-2017 - 23-Dec-2017

Completion0%Tasks51Resources3

Simulation of temperature over time for a solar water heating tank incorporating phase change material (PCM).

## Tasks

Name	Begin date	End date	Role	
Write Design Doc	03/11/17	06/11/17	Leader	
MG	03/11/17	04/11/17	Leader	
Schedule	03/11/17	06/11/17	Leader	
MIS	05/11/17	06/11/17	Leader	
Implementation	07/11/17	11/11/17	Leader	
Input Hiding Module	07/11/17	11/11/17	Leader	
Input Parameter Module	07/11/17	11/11/17	Leader	
Output Format Module	07/11/17	11/11/17	Leader	
Temperature ODEs Module	07/11/17	11/11/17	Leader	
Energy Equations Module	07/11/17	11/11/17	Leader	
Control Module	07/11/17	11/11/17	Leader	
Unit Testing	12/11/17	15/11/17	Leader	
Input Hiding Module	12/11/17	15/11/17	Leader	
Input Parameter Module	12/11/17	15/11/17	Leader	
Output Format Module	12/11/17	15/11/17	Leader	
Temperature ODEs Module	12/11/17	15/11/17	Leader	
Energy Equations Module	12/11/17	15/11/17	Leader	
System Testing	15/11/17	17/11/17	Leader	
Rev 0 Demo	18/11/17	18/11/17	Leader	
Revise SRS	06/11/17	11/12/17	Leader	
New Requirements	09/12/17	11/12/17	Leader	
Design Doc Due	06/11/17	06/11/17	Leader	
Revise Test Plan	19/11/17	20/11/17	Leader	
Testing	19/11/17	26/11/17	Leader	

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## Tasks

Name	Begin date	End date	Role	
Revise MG	20/11/17	21/11/17	Leader	
Revise MIS	20/11/17	21/11/17	Leader	
Revise Implementation	20/11/17	21/11/17	Leader	
Usability Test	23/11/17	25/11/17	Leader	
Test Report Due	27/11/17	27/11/17	Leader	
Prepare Final Demo	28/11/17	01/12/17	Leader	
Final Demo	01/12/17	01/12/17	Leader	
Revise Existing Documentation	02/12/17	08/12/17	Leader	
Final Doc Due	08/12/17	08/12/17	Leader	
Second Usability Test	14/12/17	18/12/17	Leader	
Requirements Document Rev 0	10/11/17	10/11/17	Leader	
Proof of Concept Demonstration	16/10/17	20/10/17	Leader	
Lab Exercises	04/09/17	22/12/17	Leader	
Final Demonstration (Revision 1)	27/11/17	01/12/17	Leader	
Peer Eval of Other Teams Final Demo	27/11/17	01/12/17	Leader	
Test Plan Revision 0	27/10/17	27/10/17	Leader	
Design & Document Revision 0	10/11/17	10/11/17	Leader	
Revision 0 Demonstration	06/12/17	06/12/17	Leader	
Final Documentation (Revision 1)	10/11/17	10/11/17	Leader	
Problem Statement	10/11/17	10/11/17	Leader	
Development Plan	10/11/17	10/11/17	Leader	
Requirements Document	10/11/17	10/11/17	Leader	
Design Document	10/11/17	10/11/17	Leader	
Test Plan	10/11/17	10/11/17	Leader	
Test Report	10/11/17	10/11/17	Leader	
Users Guide (optional)	10/11/17	10/11/17	Leader	
Source Code	10/11/17	10/11/17	Leader	

## Resources

Name	Default role	Assignment role	
Dawson Myers	Project Leader		
Yang Liu	Scribe		
Brandon Roberts	Developer		

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**Gantt Chart** 



**Resources Chart** 

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