PCM

McMaster, CAS Department

Project manager   Abdallah Taha
Project dates   Feb 3, 2021 - Apr 13, 2021

Completion   0%
Tasks   18
Resources   3

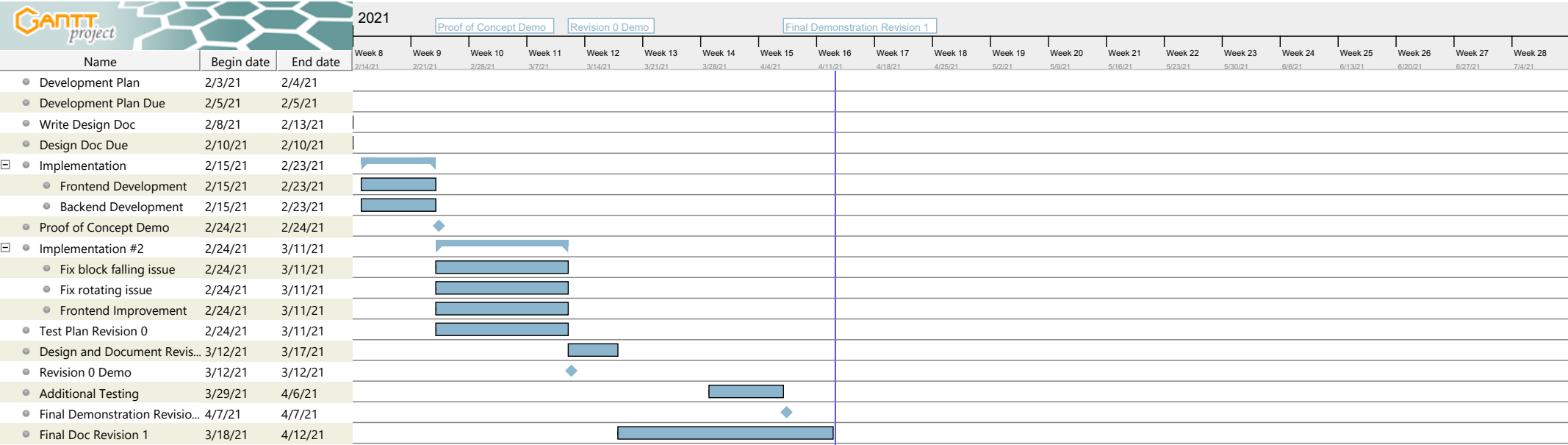Simulation of temperature over time for a solar water heating tank incorporating phase change material (PCM).

Tasks

Name	Begin date	End date
Development Plan	2/3/21	2/4/21
Development Plan Due	2/5/21	2/5/21
Write Design Doc	2/8/21	2/13/21
Design Doc Due	2/10/21	2/10/21
Implementation	2/15/21	2/23/21
Frontend Development	2/15/21	2/23/21
Backend Development	2/15/21	2/23/21
Proof of Concept Demo	2/24/21	2/24/21
Implementation #2	2/24/21	3/11/21
Fix block falling issue	2/24/21	3/11/21
Fix rotating issue	2/24/21	3/11/21
Frontend Improvement	2/24/21	3/11/21
Test Plan Revision 0	2/24/21	3/11/21
Design and Document Revision 0	3/12/21	3/17/21
Revision 0 Demo	3/12/21	3/12/21
Additional Testing	3/29/21	4/6/21
Final Demonstration Revision 1	4/7/21	4/7/21
Final Doc Revision 1	3/18/21	4/12/21

Resources

Name	Default role
Abdallah Taha	project manager
Ali Tabar	Developer
Andrew Carvalino	Developer

2021

Proof of Concept Demo | Revision 0 Demo | Final Demonstration Revision 1

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Development Plan	2/3/21	2/4/21
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Week 8 2/14/21 | Week 9 2/21/21 | Week 10 2/28/21 | Week 11 3/7/21 | Week 12 3/14/21 | Week 13 3/21/21 | Week 14 3/28/21 | Week 15 4/4/21 | Week 16 4/11/21 | Week 17 4/18/21 | Week 18 4/25/21 | Week 19 5/2/21 | Week 20 5/9/21 | Week 21 5/16/21 | Week 22 5/23/21 | Week 23 5/30/21 | Week 24 6/6/21 | Week 25 6/13/21 | Week 26 6/20/21 | Week 27 6/27/21 | Week 28 7/4/21

GanttProject

Name	Default role
⊞ ● Abdallah Taha	project man...
⊟ ● Ali Tabar	Developer
● Development Plan	
● Write Design Doc	
● Design Doc Due	
● Backend Development	
● Frontend Development	
● Proof of Concept Demo	
● Implementation	
⊟ ● Andrew Carvalino	Developer
● Development Plan	
● Write Design Doc	
● Design Doc Due	
● Frontend Development	
● Backend Development	
● Proof of Concept Demo	
● Implementation	

2021 — Weeks 8–28 (2/14/21 – 7/4/21)

Milestones: Proof of Concept Demo · Revision 0 Demo · Final Demonstration Revision 1

Resource loading bars:
- Abdallah Taha: 99%
- Ali Tabar: 99%
- Ali Tabar — Backend Development: 33%
- Ali Tabar — Frontend Development: 33%
- Ali Tabar — Implementation: 33%
- Andrew Carvalino: 99%
- Andrew Carvalino — Frontend Development: 33%
- Andrew Carvalino — Backend Development: 33%
- Andrew Carvalino — Implementation: 33%