PCM

Apr 12, 2021

McMaster, CAS Department

Project manager	
Project dates	Feb 3, 2021 - Apr 13, 2021
Completion	0%
Tasks	45
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
Testing	3/12/21	3/16/21
Testing Functional Requirements	3/12/21	3/16/21
Testing Hit Detection	3/12/21	3/14/21
Testing Game Executability	3/12/21	3/12/21
Testing Initial Conditions	3/12/21	3/13/21
Testing Block Movement	3/12/21	3/14/21
Testing Score System	3/15/21	3/15/21
Testing Game Over	3/16/21	3/16/21
Testing Nonfunctional Requirements	3/15/21	3/16/21
Design and Document Revision 0	3/12/21	3/17/21

Tasks

Name	Begin date	End date
Module Implementation	3/18/21	3/23/21
M1 - Andrew	3/18/21	3/18/21
M2 - Abraham	3/18/21	3/19/21
M3 - Abraham	3/18/21	3/20/21
M4 - Andrew	3/18/21	3/20/21
M5 - Abraham	3/18/21	3/19/21
M6 - Ali	3/18/21	3/20/21
M7 - Ali	3/18/21	3/21/21
M8 - Team	3/18/21	3/22/21
M9 - Team	3/18/21	3/23/21
M10 - Team	3/18/21	3/23/21
Revision 0 Demo	3/24/21	3/24/21
Additional Testing	3/29/21	4/6/21
Final Demonstration Revision 1	4/7/21	4/7/21
Final Doc Revision 1	4/9/21	4/12/21
Problem Statement Rev 1	4/9/21	4/12/21
Development Plan Rev 1	4/9/21	4/12/21
Requirements Document Rev 1	4/9/21	4/12/21
Test Plan Rev 1	4/9/21	4/12/21
Test Report	4/11/21	4/12/21
Source Code Revision	4/9/21	4/12/21
Gantt Chart Revision	4/12/21	4/12/21

Resources

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

Gantt Chart

Name	Begin date	End date
Development Plan	2/3/21	2/4/21
Development Plan Due	2/5/21	2/5/21
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Module Implementation	3/18/21	3/23/21
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M3 - Abraham	3/18/21	3/20/21
M4 - Andrew	3/18/21	3/20/21
M5 - Abraham	3/18/21	3/19/21
M6 - Ali	3/18/21	3/20/21
M7 - Ali	3/18/21	3/21/21
M8 - Team	3/18/21	3/22/21
M9 - Team	3/18/21	3/23/21
M10 - Team	3/18/21	3/23/21
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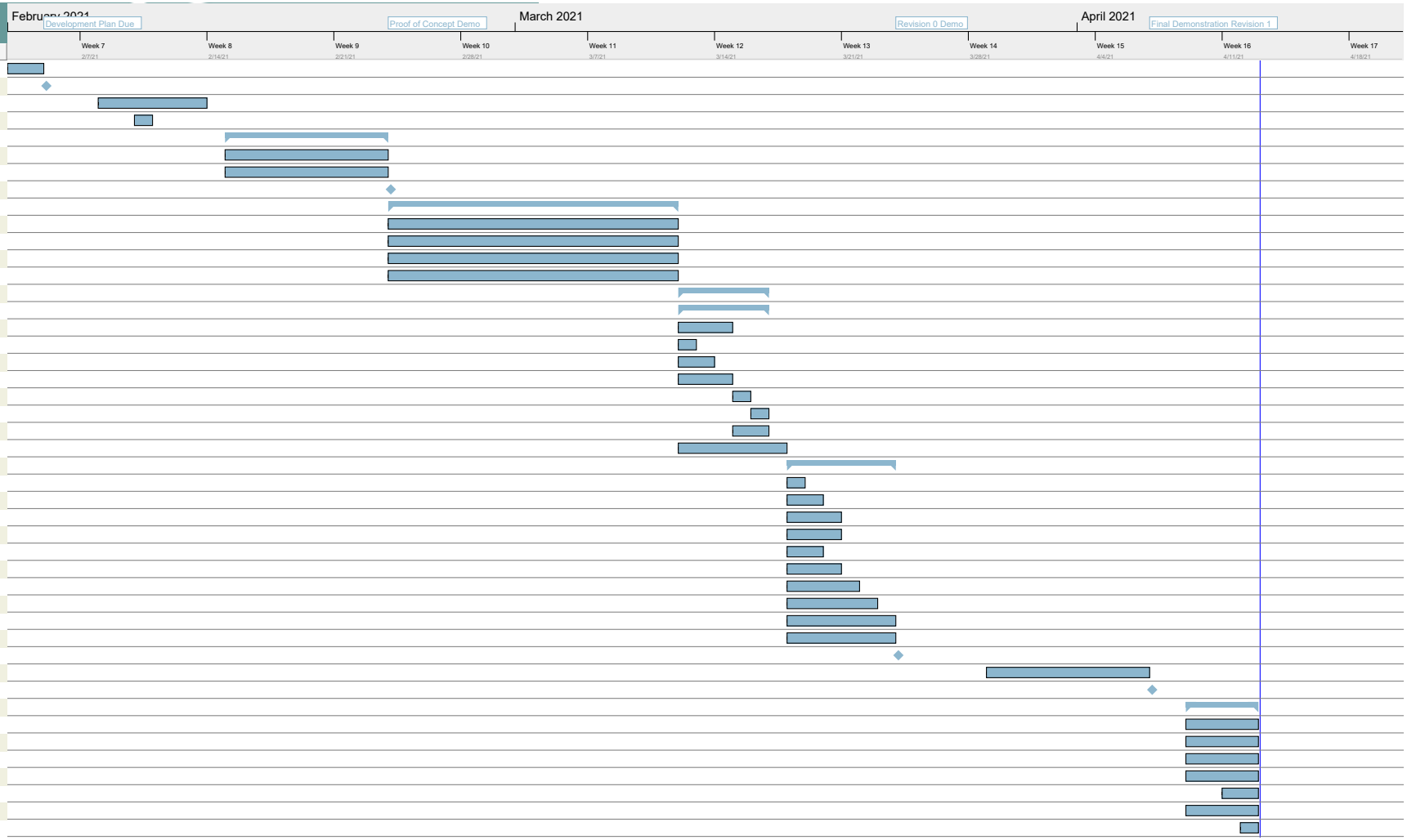
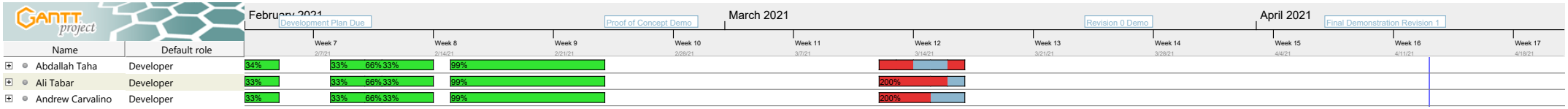
Requirements Document Rev 1	4/9/21	4/12/21
Test Plan Rev 1	4/9/21	4/12/21
Test Report	4/11/21	4/12/21
Source Code Revision	4/9/21	4/12/21
Gantt Chart Revision	4/12/21	4/12/21



Resources Chart