

Development Plan

Month	Day	Development Plan	Test and Demonstration Plan
February	3	<ul style="list-style-type: none"> Application Window (Framework) 	<ul style="list-style-type: none"> User can open and compile
	10	<ul style="list-style-type: none"> Inspection Mode Text Gravitational Simulation 3D Celestial Rendering 	<ul style="list-style-type: none"> User can see a 3D render of their celestial model
	17	<ul style="list-style-type: none"> Menu Bar Input Controller Inspection Mode Controller 	<ul style="list-style-type: none"> User can view a menu bar at the top of the application window User can input commands that will be read by the UI
	24	<ul style="list-style-type: none"> Stellar Models Description 	
March	2	<ul style="list-style-type: none"> Physical Properties Dialog Kinematics Simulation 	<ul style="list-style-type: none"> User can edit physical properties of the celestial body User can change orbits and rotations of celestial bodies
	9	<ul style="list-style-type: none"> Celestial Bodies Dialog N-body Rendering Collision FX Save/Load Controller 	<ul style="list-style-type: none"> User can save their project User can see and hear the effects of celestial objects colliding User can create moons and other natural satellites
	16	<ul style="list-style-type: none"> Inspection Mode Dialog Thermodynamics Simulation 	<ul style="list-style-type: none"> User can view their celestial body with different inspection modes User can view the effects of thermodynamics
	23	<ul style="list-style-type: none"> Stellar Models Dialog 	<ul style="list-style-type: none"> User can read about their chosen stellar model
	30	<ul style="list-style-type: none"> Atmospherics Simulation Atmospherics Rendering Lighting and Stellar Effects 	<ul style="list-style-type: none"> User can view the atmosphere of their celestial body Users can view lighting changes
April	6		

	13	<ul style="list-style-type: none">• Electromagnetism Simulation• Electromagnetism Rendering• Inspection Overlay• Status Bar	<ul style="list-style-type: none">• User can view the effects of electromagnetism on their celestial body
	20		
	27		
May	4		

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Atmospherics Simulation (Matthew)														
Atmospherics Rendering (Danny)														
Stellar Models Dialog (Foram)														
Lighting and Stellar Effects (Dominique)														
Save/Load Controller (Fery)														
Electromagnetism Simulation (Matthew)														
Electromagnetism Rendering (Danny, Matthew)														
Inspection Overlay (Danny, Matthew)														
Status Bar (Foram, Dominique)														

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