

AE429-G08-GANTT-CHART

Apr 9, 2024

[http://](#)

Project manager	
Project dates	Jan 28, 2024 - Apr 22, 2024
Completion	93%
Tasks	47
Resources	6

Tasks

Name	Begin date	End date
Project Proposal	1/28/24	1/30/24
Write Project Proposal	1/28/24	1/29/24
Create Gantt Chart	1/28/24	1/29/24
Review and Submit	1/30/24	1/30/24
Atmosphere and Data Measurements Memo	1/31/24	2/6/24
Create a MATLAB Atmosphere Model App	1/31/24	2/2/24
Verify and Validate the MATLAB App	2/3/24	2/4/24
Write the Memo	2/1/24	2/5/24
Governing Equations	2/1/24	2/5/24
Introduction and Conclusion	2/1/24	2/5/24
Review and Submit Memo	2/6/24	2/6/24
Force System and Equations of Motion Report	2/6/24	2/20/24
Calculate Aerodynamic Loads	2/6/24	2/18/24
Calculate Lift and Drag By Hand	2/6/24	2/14/24
Calculate Lift and Drag Using XFLR5	2/6/24	2/14/24
Calculate Propulsive Forces	2/6/24	2/14/24
Verify and Validate Aerodynamic Loads	2/15/24	2/18/24
Create the Aircraft Solidworks Model	2/6/24	2/19/24
Create Aircraft Fuselage	2/6/24	2/16/24
Create Aircraft Wings	2/6/24	2/16/24
Create Aircraft Empennage	2/6/24	2/16/24
Create Aircraft Engine	2/6/24	2/16/24
Compile Solidworks Files	2/17/24	2/19/24
Write the Memo	2/6/24	2/19/24
Abstract	2/6/24	2/19/24
Historical Background	2/6/24	2/19/24
International Atmospheric Model	2/6/24	2/19/24
Equations of Motion	2/6/24	2/19/24
Introduction and Conclusion	2/6/24	2/19/24
Gantt Chart Reflection	2/6/24	2/19/24
Review and Submit	2/20/24	2/20/24
Cruise, Climb, and Descent Performance Memo	2/20/24	4/9/24
Range and Endurance Calculations	2/20/24	4/5/24
Climb Performance Calculations	2/20/24	4/5/24
Descent Performance Calculations	2/20/24	4/5/24
Verify and Validate Performance Calculations	4/6/24	4/8/24
Write the Memo	2/21/24	4/8/24
Review and Submit	4/9/24	4/9/24

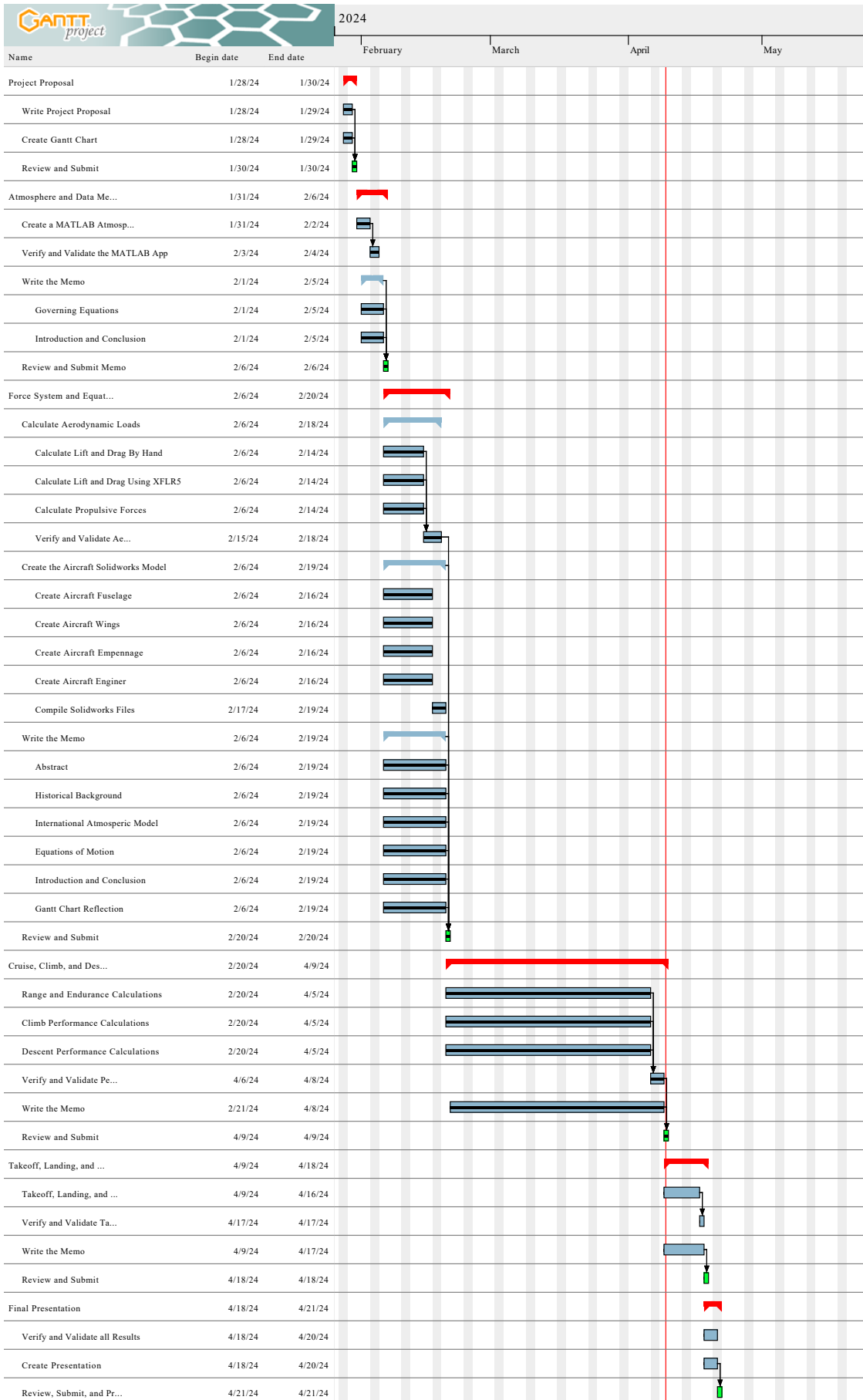
Tasks

3

Name	Begin date	End date
Takeoff, Landing, and Manoeuver Performace Memo	4/9/24	4/18/24
Takeoff, Landing, and Manoeuver Calculations	4/9/24	4/16/24
Verify and Validate Takeoff, Landing, and Manoeuver Calculations	4/17/24	4/17/24
Write the Memo	4/9/24	4/17/24
Review and Submit	4/18/24	4/18/24
Final Presentation	4/18/24	4/21/24
Verify and Validate all Results	4/18/24	4/20/24
Create Presentation	4/18/24	4/20/24
Review, Submit, and Practice Presentation	4/21/24	4/21/24

Resources

Name	Default role
Ryan King	undefined
Keagan Irish	undefined
Carson Truesdale	undefined
Darren Fischel	undefined
Thomas Uhl	undefined
Jason Scott	undefined



Resources Chart

