

Scope: October 1st 2023 - March 18th 2024 (30 weeks)

Key		
	Sprint 1	Planning
	Sprint 2	Implementing
	Sprint 3	Testing and final touches

Task	Week 1 (10/1/23-10/7/23)	Week 2 (10/8/23-10/14/23)	Week 3 (10/15/23-10/21/23)	Week 4 (10/22/23-10/28/23)	Week 5 (10/29/23-11/4/23)	Week 6 (11/5/23-11/11/23)	Week 7 (11/12/23-11/18/23)	Week 8 (11/19/23-11/25/23)	Week 9 (11/26/23-12/2/23)	Week 10 (12/3/23-12/9/23)	Week 11 (12/10/23-12/16/23)	Week 12 (12/17/23-12/23/23)	Week 13 (12/24/23-12/29/23)	Week 14 (12/30/23-1/6/24)	Week 15 (1/7/24-1/13/24)	Week 16 (1/14/24-1/20/24)	Week 17 (1/21/24-1/27/24)	Week 18 (1/28/24-2/3/24)	Week 19 (1/29/24-2/3/24)	Week 20 (2/4/24-2/10/24)	Week 21 (2/11/24-2/17/24)	Week 22 (2/18/24-2/24/24)	Week 23 (2/24/24-3/2/24)	Week 24 (3/3/24-3/9/24)	Week 25 (3/10/24-3/16/24)	Week 26 (3/17/24-3/23/24)	Week 27 (3/24/24-3/30/24)	Week 28 (3/31/24-4/6/24)	Week 29 (4/7/24-4/13/24)	Week 30 (4/14/24-4/20/24)										
Research the current state of sports prediction methodologies and tools																																								
Research the use of Unity Machine Learning with Python																																								
Specify the sports events we would like to focus on																																								
Investigate potential datasets and APIs related to selected sports events																																								
Collect data for past games, including features like teams, players, scores, and other relevant statistics																																								
Design an initial model architecture for sports predictions																																								
Develop a prototype model using relevant ML libraries																																								
Develop and conduct tests for the model to gauge performance																																								
Develop a schema to store data used for our model efficiently																																								
Design the web app UI/UX and decide on a framework																																								
Develop the necessary front-end components for the website																																								
Integrate the ML model into the site's backend to display predictions																																								
Create meaningful features that can contribute to prediction accuracy																																								
Implement any needed database solutions																																								
Document program architecture																																								
Write comprehensive front-end and developer documentation																																								
Develop and run tests for the web application to ensure we are alerted when functionalities break																																								
Configure recovery solutions for site downtime																																								
Refine the UI/UX based on user feedback																																								
Deploy the web app to a suitable hosting platform/service																																								