Target Date	Milestone	Completed	Notes
21/05/2015	Commence PhD	Yes	
4/11/2015	Obtain GPS data from Hawthorn Football Club	Yes	
15/04/2016	Write Literature Review	95%	Will need to update with literature on specific AI/Machine Learning techniques I use (once known).
9/09/2016	Construct pipeline for transforming raw player GPS traces into a form suitable for analysis	95%	Still uncertain how to best handle different AFL field sizes.
27/09/2016	Confirmation of Candidature	In Progress	
1/01/2017	Obtain additional data from Hawthorn Football Club	No	Coaches currently too busy with 2016 AFL season.
23/03/2017	Conduct Survey to evaluate current feedback systems in place used by coaches	No	Requires ethics approval. Aim to begin survey before start of 2017 AFL season.
1/06/2017	Build AFL game simulation model	5%	Preliminary attempts to use Machine Learning to predict current game state (score goal / general play / concede goal) given player formation.
1/01/2018	Model behaviour of player agents within the AFL simulation	No	Intend to solve this using Reinforcement Learning algorithms.
1/02/2018	Conduct simulated experiments in the simulation to study the emergent properties of feedback metrics	No	
23/03/2018	Design a feedback metric from player GPS traces	No	Aim to have a feedback system ready in time for start of 2018 AFL season.
1/05/2018	Validate the feedback system by working with coaches to trial the system on real match data	No	
20/05/2018	Submit thesis	No	