

Group LDA [Loic Barret, Divyam Garg, Aditya Goswami]					
Acme Ackermann Steering Controller					
Product Backlog					
Unique ID	Task	Sprint	Estimated time (minutes)	Time after Iteration 1	Time after Iteration 2
1	Plan and Design		115	162	0
1.1	Create skeleton code for Robot Class	1	15	45	
1.2	Create unit tests for all Robot methods	1	20	25	
1.3	Create skeleton code for PID Class	1	20	16	
1.4	Create unit tests for all PID methods	1	20	6	
1.5	Create skeleton code for AckermannController Class	1	20	29	
1.6	Create unit tests for all AckermannController methods	1	20	41	
2	Implementation		275	191	0
2.1	Calculate vehicle speed and heading using wheel angles and velocities	1	30	45	
2.2	Calculate wheel velocities and angles based on required vehicle speed and heading	1	45	73	
2.3	Impliment solve method	1	60	33	
2.4	Impliment Main function	1	20	40	
2.5	Create visualization	2	60		
2.6	Tune control parameters	2	30		
2.7	Update readme file	2	30		
	Remaining effort			90	
	Total effort time		390	353	

Use index colors to show revisions on task time

Index	Information
	Target Time
	Revised Target Time
	Actual Time Taken
	New Task Added