McDonnell Thesis - Gantt Chart

AS AT 24 MAY 19

Period Highlight: # Plan Duration Actual Start % Complete Actual (beyond plan) % Complete (beyond plan)

ACTIVITY	PLANNED START	PLANNED DURATION	ACTUAL START	ACTUAL DURATION	PERCENT COMPLETE
BACKGROUND AND RESEARCH	**1**	**9**	**1**	**12**	**100%**
Background: Problem space investigation	1	1	1	2	100%
Background: Thesis focus	2	1	2	2	100%
Background: Scoping	3	1	3	1	100%
Background: Literature review	3	3	3	4	100%
Background: Literature review round 2	8	3	8	3	100%
SIMULATION	**2**	**18**	**3**	**6**	**88%**
Engine comparison	2	1	3	1	0%
Inter Process communications reesarch and prototype	8	5	8	3	100%
Time dilation research and prototype	11	2	11	1	100%
Prototype	13	1	12	1	100%
Commence agile development	14	1			0%
Minimum Viable Product	14	6			0%
Release candidate polish	26	2			0%
COMPUTER VISION BASICS	**3**	**12**	**3**	**14**	**100%**
Python vs C++ research	3	1	3	1	100%
Digital Image Processing course	3	4	3	5	100%
MATLAB tests	5	2	5	2	100%
Python famil	4	2	4	3	100%
Open CV famil	7	3	6	3	100%
ROAD DETECTION	**7**	**13**	**7**	**5**	**89%**
Background research	7	3	7	2	100%
Straight lane tests	9	1	8	1	100%
Curved lane option research	11	3	11	2	75%
Curved lane tests	14	2			0%
Intersection detection tests	16	4			0%
MAP MATCHING AND NAVIGATION LOCALISATION	**3**	**15**	**3**	**7**	**31%**
GPS data analysis	3	1	3	1	100%
Curve matching option research	10	6	8	6	30%
Intersection models tests	15	2			0%
Intersection detection matching to models	20	4			0%
Integration of Simulation data flow tests	24	2			0%
Refinement	26	4			0%
Consolodation of output visualisation products	30	2			0%
MISC	**11**	**10**	**11**	**3**	**60%**
Interim report	11	2	11	2	100%
Viva preparation	12	1	12	1	100%
Draft summary report	32	2			0%
Final Seminar preparation	32	3			0%
Final summary report	34	2			0%
Distributable package of simulation	30	4			0%