ID	Task Name	Duration	Start	Finish	Predecessors
1	**Requirements**	**7 days**	Mon 18/08/1	Tue 26/08/1	
2	Requirement Capture Meeting 1	1 day	Mon 18/08/14	Mon 18/08/14	
3	Requirement Capture Meeting 2	1 day	Wed 20/08/14	Wed 20/08/14	
4	Requrements Development	4 days	Thu 21/08/14	Tue 26/08/14	2;3
5	**Design**	**18 days**	**Mon 01/09/1**	**Wed 24/09/1**	11
6	Technology Research	15 days	Mon 01/09/1	Fri 19/09/14	
7	MVC Architecture Design	3 days	Mon 22/09/1	Wed 24/09/1	6
8	Client-Server Architecture Design	3 days	Mon 22/09/14	Wed 24/09/14	6
9	**Implementation**	**137,13 days**	**Thu 25/09/1**	**Mon 06/04/1**	5
10	**Initial Prototyping**	**16 days**	**Thu 25/09/1**	**Thu 16/10/1**	
11	Joystick Module	6 days	Thu 25/09/14	Thu 02/10/14	
12	Data Monitor Module (Data)	6 days	Fri 03/10/14	Fri 10/10/14	11
13	Server Prototype	12 days	Thu 25/09/14	Fri 10/10/14	
14	Live Video Module	4 days	Mon 13/10/1	Thu 16/10/1	12;13
15	V-REP Virtual Khepera III Integration	3 days	Mon 13/10/14	Wed 15/10/14	11;12;13
16	**Front-end Development**	**26 days**	**Mon 16/02/1**	**Tue 24/03/1**	10
17	Data Monitor Module (Map)	4 days	Mon 16/02/15	Fri 20/02/15	14
18	Geolocation Module	3 days	Fri 20/02/15	Wed 25/02/1	17
19	Custom Data Module	3 days	Wed 25/02/1	Mon 02/03/1	18
20	Custom Input Module	3 days	Mon 02/03/1	Thu 05/03/1	19
21	Profile Management Module	2 days	Thu 05/03/15	Mon 09/03/15	20
22	Script Execution Module	2 days	Wed 11/03/1	Fri 13/03/15	21;48
23	Live Audio Module	4 days	Fri 13/03/15	Thu 19/03/1	22
24	Device Orientation Module	1 day	Thu 19/03/15	Fri 20/03/15	23
25	Voice Command Module	1 day	Fri 20/03/15	Mon 23/03/1	24
26	Gamepad Module	1 day	Mon 23/03/1	Tue 24/03/1	25
27	**Back-end Development**	**30 days**	**Mon 16/02/1**	**Mon 30/03/1**	10
28	**Server development**	**26 days**	**Mon 16/02/1**	**Tue 24/03/1**	10
29	Client-Server Comms.	26 days	Mon 16/02/1	Tue 24/03/15	
30	Model Manipulation	26 days	Mon 16/02/1	Tue 24/03/15	
31	External Resource Controller	7 days	Wed 25/02/15	Fri 06/03/15	18
32	Live Media Controller	7 days	Mon 16/02/1	Mon 16/03/1	
33	**Robot Integrations**	**30 days**	**Mon 16/02/1**	**Mon 30/03/1**	10
34	Khepera III	5 days	Mon 16/02/1	Mon 23/02/1	
35	Crazyflie 2	4 days	Tue 24/03/15	Mon 30/03/1	26
36	Raspberry Pi 2 Deployment	5 days	Mon 30/03/1	Mon 06/04/1	10;16;27
37	**Verification**	**133,13 days**	**Fri 03/10/14**	**Wed 08/04/1**	
38	**Initial Prototype Testing**	**11 days**	**Fri 03/10/14**	**Fri 17/10/14**	
39	Joystick Module Testing	2 days	Fri 03/10/14	Mon 06/10/1	11
40	Data Monitor Module (Data) Testing	2 days	Mon 13/10/14	Tue 14/10/14	12
41	V-REP Virtual Khepera III Integration Testing	2 days	Thu 16/10/14	Fri 17/10/14	15
42	**Application Testing**	**114,13 days**	**Fri 17/10/14**	**Thu 26/03/1**	
43	Live Video Module Testing	2 days	Fri 17/10/14	Mon 20/10/1	14
44	Data Monitor Module (Map) Testing	2 days	Fri 20/02/15	Tue 24/02/15	17
45	Geolocation Module Testing	2 days	Wed 25/02/15	Fri 27/02/15	18
46	Custom Data Module Testing	2 days	Mon 02/03/15	Wed 04/03/15	19
47	Custom Input Module Testing	2 days	Thu 05/03/15	Mon 09/03/15	20
48	Profile Management Module Testing	2 days	Mon 09/03/15	Wed 11/03/15	21
49	Script Execution Module Testing	2 days	Fri 13/03/15	Tue 17/03/15	22
50	Live Audio Module Testing	2 days	Thu 19/03/15	Mon 23/03/1	23
51	Device Orientation Module Testing	2 days	Fri 20/03/15	Tue 24/03/15	24
52	Voice Command Module Testing	2 days	Mon 23/03/15	Wed 25/03/15	25
53	Gamepad Module Testing	2 days	Tue 24/03/15	Thu 26/03/1	26
54	Raspberry Pi 2 Deployment Testing	2 days	Mon 06/04/15	Wed 08/04/15	36
55	**Project Documentation**	**64 days**	**Mon 25/05/1**	**Thu 20/08/1**	1;5;9;37
56	Technology Overview	41 days	Mon 25/05/1	Mon 20/07/1	
57	System Architecture	20 days	Tue 21/07/15	Mon 17/08/1	56
58	Future Development	3 days	Tue 18/08/15	Thu 20/08/1	57
59	Introduction	3 days	Tue 18/08/15	Thu 20/08/1	57
60	Conclusions	3 days	Tue 18/08/15	Thu 20/08/1	57
61	Planning	2 days	Tue 18/08/15	Wed 19/08/1	57
62	User Manual	1 day	Tue 18/08/15	Tue 18/08/1	57
63	Summary	1 day	Tue 18/08/15	Tue 18/08/1	57
64	**Project Management**	**10 days**	**Wed 19/08/1**	**Tue 01/09/1**	
65	Review	10 days	Wed 19/08/1	Tue 01/09/1	63
66	**Maintenance**	**445 days?**	**Fri 21/08/15**	**Thu 04/05/1**	55
67	Developer Feedback Development	20 days?	Fri 21/08/15	Thu 17/09/15	
68	User Feedback Development	20 days?	Fri 18/09/15	Thu 15/10/1	67
69	Public Rollout	40 days?	Fri 16/10/15	Thu 10/12/1	68
70	Application Maturity	365 days?	Fri 11/12/15	Thu 04/05/1	69

ID	Task Name	Duration	Start	Finish	Predecessors
1	Requirements	7 days	Mon 18/08/1	Tue 26/08/1	
2	Requirement Capture Meeting 1	1 day	Mon 18/08/14	Mon 18/08/14	
3	Requirement Capture Meeting 2	1 day	Wed 20/08/14	Wed 20/08/14	
4	Requrements Development	4 days	Thu 21/08/14	Tue 26/08/14	2;3
5	Design	18 days	Mon 01/09/1	Wed 24/09/1	1
6	Technology Research	15 days	Mon 01/09/1	Fri 19/09/14	
7	MVC Architecture Design	3 days	Mon 22/09/1	Wed 24/09/16	
8	Client-Server Architecture Design	3 days	Mon 22/09/14	Wed 24/09/14	6
9	Implementation	135,13 days	Thu 25/09/1	Thu 02/04/1	5
10	Initial Prototyping	16 days	Thu 25/09/1	Thu 16/10/1	
11	Joystick Module	6 days	Thu 25/09/14	Thu 02/10/14	
12	Data Monitor Module (Data)	6 days	Fri 03/10/14	Fri 10/10/14	11
13	Server Prototype	12 days	Thu 25/09/14	Fri 10/10/14	
14	Live Video Module	4 days	Mon 13/10/1	Thu 16/10/14	12;13
15	V-REP Virtual Khepera III Integration	3 days	Mon 13/10/14	Wed 15/10/14	11;12;13
16	Front-end Development	24 days	Mon 16/02/1	Fri 20/03/15	10
17	Data Monitor Module (Map)	4 days	Mon 16/02/15	Fri 20/02/15	14
18	Geolocation Module	3 days	Fri 20/02/15	Wed 25/02/1	17
19	Custom Data Module	3 days	Wed 25/02/1	Mon 02/03/1	18
20	Custom Input Module	3 days	Mon 02/03/1	Thu 05/03/1	19
21	Profile Management Module	2 days	Thu 05/03/15	Mon 09/03/15	20
22	Script Execution Module	2 days	Mon 09/03/1	Wed 11/03/1	21
23	Live Audio Module	4 days	Wed 11/03/1	Tue 17/03/1	22
24	Device Orientation Module	1 day	Tue 17/03/1	Wed 18/03/1	23
25	Voice Command Module	1 day	Wed 18/03/1	Thu 19/03/1	24
26	Gamepad Module	1 day	Thu 19/03/15	Fri 20/03/15	25
27	Back-end Development	28 days	Mon 16/02/1	Thu 26/03/1	10
28	Server development	26 days	Mon 16/02/1	Tue 24/03/1	10
29	Client-Server Comms.	26 days	Mon 16/02/1	Tue 24/03/15	
30	Model Manipulation	26 days	Mon 16/02/1	Tue 24/03/15	
31	External Resource Controller	7 days	Wed 25/02/15	Fri 06/03/15	18
32	Live Media Controller	7 days	Mon 16/02/1	Mon 16/03/1	
33	Robot Integrations	28 days	Mon 16/02/1	Thu 26/03/1	10
34	Khepera III	5 days	Mon 16/02/1	Mon 23/02/1	
35	Crazyflie 2	4 days	Fri 20/03/15	Thu 26/03/1	26
36	Raspberry Pi 2 Deployment	5 days	Thu 26/03/1	Thu 02/04/1	10;16;27
37	Verification	131,13 days	Fri 03/10/14	Mon 06/04/1	
38	Initial Prototype Testing	11 days	Fri 03/10/14	Fri 17/10/14	
39	Joystick Module Testing	2 days	Fri 03/10/14	Mon 06/10/1	11
40	Data Monitor Module (Data) Testing	2 days	Mon 13/10/14	Tue 14/10/14	12
41	V-REP Virtual Khepera III Integration Testing	2 days	Thu 16/10/14	Fri 17/10/14	15
42	Application Testing	112,13 days	Fri 17/10/14	Tue 24/03/1	
43	Live Video Module Testing	2 days	Fri 17/10/14	Mon 20/10/1	14
44	Data Monitor Module (Map) Testing	2 days	Fri 20/02/15	Tue 24/02/15	17
45	Geolocation Module Testing	2 days	Wed 25/02/15	Fri 27/02/15	18
46	Custom Data Module Testing	2 days	Mon 02/03/15	Wed 04/03/15	19
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55	Project Documentation	64 days	Mon 25/05/1	Thu 20/08/1	1;5;9;37
56	Technology Overview	41 days	Mon 25/05/1	Mon 20/07/1	
57	System Architecture	20 days	Tue 21/07/15	Mon 17/08/1	56
58	Future Development	3 days	Tue 18/08/15	Thu 20/08/1	57
59	Introduction	3 days	Tue 18/08/15	Thu 20/08/1	57
60	Conclusions	3 days	Tue 18/08/15	Thu 20/08/1	57
61	Planning	2 days	Tue 18/08/15	Wed 19/08/1	57
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63	Summary	1 day	Tue 18/08/15	Tue 18/08/1	57
64	Project Management	10 days	Wed 19/08/1	Tue 01/09/1	
65	Review	10 days	Wed 19/08/1	Tue 01/09/1	63
66	Maintenance	445 days?	Fri 21/08/15	Thu 04/05/1	55
67	Developer Feedback Development	20 days?	Fri 21/08/15	Thu 17/09/15	
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70	Application Maturity	365 days?	Fri 11/12/15	Thu 04/05/1	69

ID	Task Name	Duration	Start	Finish	Predecessors
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5	**Design**	**18 days**	**Mon 01/09/1**	**Wed 24/09/1**	11
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7	MVC Architecture Design	3 days	Mon 22/09/1	Wed 24/09/1	6
8	Client-Server Architecture Design	3 days	Mon 22/09/14	Wed 24/09/14	6
9	**Implementation**	**137,13 days**	**Thu 25/09/1**	**Mon 06/04/15**	
10	**Initial Prototyping**	**16 days**	**Thu 25/09/1**	**Thu 16/10/1**	
11	Joystick Module	6 days	Thu 25/09/14	Thu 02/10/14	
12	Data Monitor Module (Data)	6 days	Fri 03/10/14	Fri 10/10/14	11
13	Server Prototype	12 days	Thu 25/09/1	Fri 10/10/14	
14	Live Video Module	4 days	Mon 13/10/1	Thu 16/10/1	12;13
15	V-REP Virtual Khepera III Integration	3 days	Mon 13/10/14	Wed 15/10/14	11;12;13
16	**Front-end Development**	**26 days**	**Mon 16/02/1**	**Tue 24/03/1**	10
17	Data Monitor Module (Map)	4 days	Mon 16/02/15	Fri 20/02/15	14
18	Geolocation Module	3 days	Fri 20/02/15	Wed 25/02/1	17
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23	Live Audio Module	4 days	Fri 13/03/15	Thu 19/03/1	22
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33	**Robot Integrations**	**30 days**	**Mon 16/02/1**	**Mon 30/03/1**	10
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42	**Application Testing**	**114,13 days**	**Fri 17/10/14**	**Thu 26/03/1**	
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70	Application Maturity	365 days?	Fri 11/12/15	Thu 04/05/1	69