

TASK TITLE	JANUARY							FEBRUARY							MARCH							FINAL REPORT	FINAL DEMO																							
	WEEK 2			WEEK 3				WEEK 4			WEEK 5				WEEK 6				WEEK 7					WEEK 8			WEEK 9				WEEK 10			WEEK 11												
	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9			10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
Research																																														
Plant Growing Expertise																																														
Seed Deployment System																																														
Necessary Sensors																																														
Market Research																																														
Robot Mechanics																																														
Gantry Frame (1D)																																														
Gantry Frame (2D)																																														
Vertical Planter Arm																																														
Water Dispensing																																														
Seed Deployment System																																														
Robot Electronics																																														
Moisture Sensor Impl.																																														
Gantry Movement (1D)																																														
App & Motors Interaction																																														
Gantry Movement (2D)																																														
Grid-Based Movement																																														
Planter Arm Controller																																														
Watering Impl.																																														
Seeding Impl.																																														
Additional Sensing																																														
Advanced Monitoring																																														
Web Application (Logic)																																														
Web Server Set-Up																																														
Send Basic Commands																																														
Receive Sensor Data																																														
DB for Growing Plant Data																																														
Integration of Plant API																																														
Watering Scheduler																																														
Growth Predictions																																														
Plant Size Considerations																																														
Final Commands																																														
Web Application (UI)																																														
Wireframe Mock-Up																																														
Basic Controller UI																																														
Dynamic Elements in Page																																														
Plant Data (e.g. Allergens)																																														
Statistics																																														
Notifications																																														
Drag and Drop Interface																																														
Reports																																														
Project Plan																																														
Report 1																																														
Report 2																																														
Report 3																																														
Report 4																																														
Testing																																														