Individual Project (Semester 1)

University of Southampton
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Project Start: 04/10/21

Display Week: 1

TASK	PROGRESS	START	END
Literature Review			
Industrial Demand and Limitation	100%	4/10/21	10/10/21
Review of All Controllers Approaches	100%	8/10/21	17/10/21
ILC Approaches	100%	18/10/21	24/10/21
Learning (Technical)			
MATLAB Crash Course	100%	4/10/21	10/10/21
Revise Control Theory	100%	11/10/21	17/10/21
Simulink & Simscape Tutorial	100%	18/10/21	24/10/21
Model Building			
Construct Gantry Model (3 axis)	100%	1/11/21	14/11/21
ILC Applied to Simulation Model	90%	15/11/21	21/11/21
Construct Grasper Model	0%	22/11/21	28/11/21
Impedance Control Applied on Grasper Model	0%	13/12/21	19/12/21
P-type and Norm Optimal ILC Applied on Grasper Model	0%	20/12/21	2/1/22
Others			
ILC Equation Test in MATLAB	100%	25/10/21	31/10/21
Progress Report	100%	22/11/21	12/12/21
Buffer (To complete unfinished task)	0%	3/1/22	30/1/22