

# Develop HIL Simulator for Load Handling Equipment

Task Name		Jan				Feb					
		Jan 2	Jan 9	Jan 16	Jan 23	Jan 30	Feb 6	Feb 13	Feb 20	Feb 27	Mar 6
1	<input type="checkbox"/> [Development of HIL Simulator for Autonomous Load Handling Equipment]										
2	<input type="checkbox"/> Gather Knowledge										
3	Research PLC software										
4	What has been done before										
5	Setup Cloud/Git for files										
6	<input type="checkbox"/> Develop PLC software										
7	PLC: Program Hydraulic system										
8	HMI - Human to Machine Interface										
9	Implement Controls										
10	<input type="checkbox"/> Develop Visual Rendering of Crane System										
11	Learn visual 3D software										
12	Model/Setup 3D simulation world										
13	<input type="checkbox"/> Communication between PLC and 3D visualization software										
14	How to communicate variables PLC-Visual software										
15	Setup communication										
16	<input type="checkbox"/> Finalize written material and deliver										
17	Write report										
18	Make video presentation										
19	Prepare Oral presentation										
20											
21											
22											
23											
24											

