

METR 4202 Systems & Automation Lab Demonstration Assessment

Team №	Team Name:			Date:	/ November / 2016
Member 1	Member 2	Member 3	Member 4	Member 5	
Band Overview: (from Demo Criteria)	<ul style="list-style-type: none"> <li>Grade 1-3 (20-49%): Mediocre performance. Only somewhat successful at a “task” (15-37/75)</li> <li>Grade 4 (50%-65%): Team attempts some and marginally successful completing a “core task” (38-50/75)</li> <li>Grade 5 (65%-75%): Team completes “core task” in Basic environment (50-59/75)</li> <li>Grade 6 (75%-85%): Team attempt in Skilful environment including the presence of noise/clutter/etc. (~60-64/75)</li> <li>Grade 7 (85%-100+%): Teams performs in Skilful environment with skill &amp; aptitude (64-75+/75)</li> </ul>				
Configuration	[1] Playing or Sorting		[2] Basic or Skilful?		
	[3] Turntable?		[4] Clutter/noise?		
Functional Tasks	✓	Core Tasks		Points	Score
		Drawing			/75
		Gameplay/Sorting			
		Final operation/correct placement			
Form (Sub-Band)	1	Cursory operation			/10
	3	Some consideration			
	6	Design and implementation are <b>very good</b>			
	10	Design and implementation are <b>outstanding</b>			
Methodological Explanation	Team can explain the robot’s operation (Judges Discretion, may include bonus marks for creative implementations)				
<b>Total Mark:</b>				/100	

<p>Extra Credit(s)</p>	<ul style="list-style-type: none"> <li>• Integral use of turntable -- 15/100 of extra credit</li> <li>• Demonstration before exams (before November 5) -- 15/100 of extra credit</li> <li>• “Open Tournament” Day -- <b>Up to</b> 15/100 of extra credit (e.g., enter and reasonably compete: +5, semi-finals: +10, finals: +15)</li> <li>• Post the operation of the robot to YouTube -- Teams that post videos of the solutions on YouTube will get from 1-5 points depending on the quality and clarity (as determined by the teaching team and the award-winning, independent UQ Robotics film critic, Ellenor).</li> <li>• Fastest Team -- The tutors will measure the time it takes the teams to complete the various tasks. The fastest team(s) for each task will get a reward (depending on its speed).</li> <li>• Spinmeister -- The team with the fastest (mean) speed table that is able to partially sort.</li> <li>• Open Source Code -- The entire code base is properly documented and shared on a public, open-source repository (e.g., <a href="#">GitHub</a>)</li> </ul>
<p>Summary</p>	
<p>Marker Name:</p>	