

<b>SDP project plan – Group 8 - Feedback</b>
<p><b>Concepts and Goals</b></p> <p>The goal is clear and there is some background research into the problem and existing solutions. However, this could be deeper, e.g., examining why automatic sorting remains a difficult task. Are the constraints you have introduced going to significantly reduce the believability of a demo? There has been good thought put into the physical design, particularly the potential ease of extending the system. Overall, the project is centered around the capability of bringing a vision algorithm to the desired target value and you acknowledge that this is also centered around one person. Is vision the best method to recognise objects though? The fact that there are no alternatives considered makes the project risky. The choice to use no sensors for positioning the tray is questionable. Simple and easy to implement sensors (such as IR signals) could be deployed with a minimal effort to simply detect that the tray is correctly positioned.</p>
<p><b>Time Planning</b></p> <p>The breakdown into tasks is well organised and good that explicit evidence is indicated for assessing each task has been completed. The Gantt chart shows some parallelisation of tasks, but it is hard to assess how the number of person hours available maps to the tasks. It would have been best to clearly state the workload for each.</p>
<p><b>Identification of Dependencies and Risks</b></p> <p>There is a good discussion of risks, and clear reasoning given for assessing the impact and likelihood, as well as both preventative measures and contingency plans.</p>
<p><b>Organisational Structure</b></p> <p>The structure and assignment to roles is clearly explained, although a more complete analysis of skills would be helpful. Appropriate use of github and trello, including explicit steps for evaluation and integration is good.</p>
<p><b>Quality of the Report</b></p> <p>Very nice illustrations of the system design, though figure 4 to 6 could have been reduced. Overall clearly expressed but the layout is sometimes confusing making it hard to find relevant information. There is no discussion of the material resources.</p>

**Final Mark 10/15**