<table>
<tr><td>Project Name</td><td colspan="3">Prediction of Brake Pad Using ANN</td></tr>
<tr><td>Project Sponsor</td><td>Amir Faiz</td><td>Project Manager</td><td>Adam Hafizi</td></tr>
<tr><td>Date of project approval</td><td>28th May 2023</td><td>Last Revision Date</td><td>29 May 2023</td></tr>
<tr><td>Project Description</td><td colspan="3">to optimize the preventive maintenance of heavy vehicle brake pads</td></tr>
<tr><td>Scope</td><td colspan="3">The Prediction of Brake Pad Using ANN will be used to optimize the preventive maintenance of heavy vehicle brake pads to ensure that the automobile business can greatly profit from brake maintenance</td></tr>
<tr><td>Business Case</td><td colspan="3">This project introduces a predictive maintenance system for heavy vehicle brake pads to enhance safety, reduce downtime, and lower costs in fleet management operations. The project charter outlines clear goals, benefits, and an implementation plan for the seamless integration of this technology into our maintenance procedures.</td></tr>
<tr><td rowspan="4">Constraint (in priority order)</td><td>Time</td><td colspan="2">4 months</td></tr>
<tr><td>Budget</td><td colspan="2">4 developers</td></tr>
<tr><td>Scope</td><td colspan="2">TBD</td></tr>
<tr><td>Quality</td><td colspan="2">Prioritize time and budget over quality</td></tr>
<tr><td>Project Deliverables</td><td colspan="3">To provide a fully functional predictive maintenance system for heavy vehicle brake pads, enhancing safety, minimizing downtime, and cutting costs in fleet management.</td></tr>
<tr><td>Benefits</td><td colspan="3">Expected benefits include increased operating efficiency due to less unscheduled downtime and accidents, as well as significant cost savings from fewer maintenance costs and emergency repairs.</td></tr>
<tr><td rowspan="3">Steering communities</td><td>CEO</td><td rowspan="3">Project Team</td><td>Developers</td></tr>
<tr><td>Finance leader</td><td></td></tr>
<tr><td>Senior manager</td><td></td></tr>
<tr><td rowspan="2">Key Stakeholders</td><td>Name</td><td colspan="2">Success Criteria</td></tr>
<tr><td></td><td colspan="2"></td></tr>
<tr><td>Risks</td><td colspan="3">No team member have great experience in using ANN to predict outcome, so there is high change we have hugely underestimated the work involved</td></tr>
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