Lab 10: Student Defined Lab - Duel

Group #: _____________    TA: ________________________________

Members: ________________________________

Grading Constraints:
• You must pass the “Stationary Target Test” in order to be allowed into the qualifying rounds of the competition. In this test, the robot must be able to shoot a non-moving target from any starting position
• “Hitting” a robot means that the Ping-Pong Ball must touch either the robot or the target, above the wooden 1.25” x 3.25” block. The Ping-Pong Ball cannot touch/bounce off of the ground before making contact with the opposing robot

Grading:

<table>
<thead>
<tr>
<th>Attempt/Round</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Max Point Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stationary Target Test</td>
<td></td>
<td></td>
<td></td>
<td>85</td>
</tr>
<tr>
<td>Hit a Robot in any of the Qualifying Rounds</td>
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<td></td>
<td>5</td>
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<tr>
<td>Win any 2 matches of the tournament</td>
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<td>5</td>
</tr>
<tr>
<td>Semi-finals/Finals</td>
<td></td>
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<td>5</td>
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</tbody>
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Total: ____________