




### Individual Project Meeting Record

Project Title	<b>Design and manufacture of an aerodynamic undertray for Formula Student</b>		
Supervisor	<b>Dr. Rob Watson</b>	Student	<b>Dennise Zefanya Tohpati</b>
Date and time	<b>MEETING 4 – 16th OCTOBER 2020</b>	Location	<b>MS TEAM [ONLINE]</b>
<p><b><u>Review of actions from previous meeting</u></b></p> <ul style="list-style-type: none"><li>• 2D inviscid enclosed CFD analysis has been performed and evaluated</li><li>• First draft of presentation including aim and objectives is given to be reviewed.</li></ul> <p><b><u>Discussion, decisions, assignments</u></b></p> <ul style="list-style-type: none"><li>• Did a joint meeting with other aerodynamics team member to discuss the overall progress of the team.</li><li>• Looked at the initial analysis of the 2D duct and how the flow moves around the duct. Problem was found on the diffuser as the vortex is formed on the bottom on diffuser instead on the top.</li></ul> <p><b><u>Agreed actions and completion dates</u></b></p> <ul style="list-style-type: none"><li>• Finishing up the presentation literature review and workplan as waiting for the result to be inputted.</li><li>• Try to solve the vortex separation on the diffuser by making the floor moves at the same speed as the input flow.</li><li>• Create more analysis with open flow to predict the value of the lift force and the drag.</li></ul>			
Date and time of next meeting	<b>EVERY FRIDAY – 9 A.M. – 2 October 2020</b>	Location of next meeting	<b>MS TEAM [ONLINE]</b>
Supervisor signature		Student signature	<b>Dennise Tohpati</b>