




Individual Project Meeting Record

Project Title	Design and manufacture of an aerodynamic undertray for Formula Student		
Supervisor	Dr Rob Watson	Student	Dennise Zefanya Tohpati
Date and time	MEETING 19 – 12th March 2021	Location	MS TEAM [ONLINE]
<p><u>Review of actions from previous meeting</u></p> <ul style="list-style-type: none">• Visualisation of 3D Undertray and 3D Open-Flow design has been conducted, this includes pressure, velocity, wall shear contour on the body, and accompanied also with L2-Lambda-criterion.• First Final draft has been submitted to be reviewed. <p><u>Discussion, decisions, assignments</u></p> <ul style="list-style-type: none">• Discussed the formation of drag on the 2D enclosed flow due to the pressure difference between the jet flow and other region in the diffuser.• Discussed the corner vortex formation on 3D open-flow analysis which generate lift as well increases the overall drag.• Discussed the geometry effect which affect the fluctuation of the overall performances in various variables.• Discussed the report deadline and completion target, it was expected that the report will be completed on the scheduled date (22nd March 2021) <p><u>Agreed actions and completion dates</u></p> <ul style="list-style-type: none">• Final simulations of the undertray with various car speed.• Finishing the final report which will be reviewed one more time before submission.			
Date and time of next meeting	Friday 19 th March 2021 [FINAL MEETING BEFORE SUBMISSION]	Location of next meeting	MS TEAM [ONLINE]
Supervisor signature		Student signature	Dennise Tohpati