




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 2 – 2nd OCTOBER 2020	Location	MS TEAM [ONLINE]
<p><u>Review of actions from previous meeting</u></p> <ul style="list-style-type: none">• Review of Literature review and the application to the project• The CBL access has been checked and confirmed <p><u>Discussion, decisions, assignments</u></p> <ul style="list-style-type: none">• Discussed regarding the literature review and basic principle of venturi duct and Bernoulli and its advantages to the aerodynamic undertray.• The key date for first presentation/progress assignment has been informed: 29th October 2020.• Discussed the content of presentation and how the first preliminary result can be presented.• Discussed the technical use of ANSYS and how the initial 2-D basic design of the undertray will be simulated, then an advanced method will be used in the future analysis• Discussed the technical design on how the method of analysis (Boundary layer, y^+ value, turbulent modelling, etc) and the physical shape of the undertray could affect the result in 2D and 3D, and this shall be desirable.• General timeline plan of the project. <p><u>Agreed actions and completion dates</u></p> <ul style="list-style-type: none">• Further and deeper literature Review and research detailed to the design and aerodynamic analysis.• Summarise the literature review, to ease the writing process.• Initial preparation of the progress presentation (basic content) as well preparing the grant chart.• Starting to initialise preliminary 2D flat-plate model for different type of design			
Date and time of next meeting	EVERY FRIDAY – 9 A.M. – 2 October 2020	Location of next meeting	MS TEAM [ONLINE]
Supervisor signature		Student signature	Dennise Tohpati