**Group Number:**

**Group Members:**

**Project Title:**

1. **Purpose**

In this section, write the purpose of the term project you have selected in one paragraph, no longer than half of a page.

1. **Simulation Design**

Simulation should be laminar. Write necessary geometry dimensions in a table. Draw the 2D figure of the selected geometry and the solution domain. Write down boundary conditions explicitly in another table.

1. **ANSYS Student Edition Directives**

Give necessary directives that you used inside Ansys Meshing and Ansys Fluent, such as “Start > All Programs> ANSYS 17.1> Workbench 17.1” and support them with some figures for making the project easy to follow and easy to replicate. You can add sub-titles such as “3.1 Geometry generation” “3.2 Mesh generation” and “3.3 Solution” for better understanding.

1. **Results**

Show the XY plots ( such as residuals, velocity plots, temperature plots, wall shear stress distribution, etc), residuals, graphical outputs (such as contours, vectors, etc), force outputs (such as drag, lift, shear etc), moment outputs whenever necessary.

\*DO NOT EXCEED 10 PAGES IN TOTAL. GIVE NECESSARY REFERENCES (IF YOU HAVE) SECTION AT THE END OF THE FILE

\*BRING THE PROJECT FILE AS PRINT-OUT IN A REGULAR FOLDER.

\*SEND THE PDF FILE OF THIS FILE TO MY GANTEP EMAIL ADDRESS BEFORE THE PROJECT PRESENTATION DAY.