

## Task 0 – Software Testing

This file contains instructions to test the given simulator and visualization tools.

Please find the following folders within the folder that contains this Read Me file.

- First Folder is Test files
  - Please find the following files in this folder
    - roscore\_test.png
    - gazebo\_test.png
    - rViz\_test.png

Please follow the instructions given below to test whether ROS is installed on your system:

- First, open the terminal (Ctrl+Alt+t) and run the command “roscore”. You should see the output in the terminal as shown in the image “roscore\_test.png”. Press “Ctrl + c” in the terminal to interrupt the command.
- Second, run the command “gazebo” in the terminal. You should see a new window named “Gazebo” as shown in the image “gazebo\_test.png”. Press “Ctrl + c” in the terminal to interrupt the command.
- Third, open a terminal (Ctrl+Alt+t) and run the command “roscore”. Open another terminal (Ctrl+Alt+t) and run the command “rviz” in that new terminal. You should see a new window named “RViz” as shown in image “rviz\_test.png”. Press “Ctrl + c” in the terminal to interrupt the command

- Submission Instructions:

Upon verifying that the 3 commands are running, record a 20-second video using a screen recorder. The video must be as follows:

- Team Slide –All members detail in the given slide.
- Any One member of the team, running the 3 commands on terminal
- Show output of 3 commands on the PC screen.

**Upload the video link as per instruction given on portal.**