CSE-571 Project 1

1. **Reactive collision avoidance**

   The idea of this project is to design a path planner that efficiently computes trajectories for the robot. The update rate of the planner should be high enough to allow the robot to quickly react to obstacles moving into its field of view. The most recent sensor information is stored in Saphira's LPS. Develop an interface that allows the user to dynamically set goal points in Saphira's GUI.