Fig. A.1: Refined Program for Task 1: events and execution time when executing (a) original program, (b) modification in trajectory, (c) speed adjustment, (d) modification in rate to send commands and speed adjustment.
Fig. A.2: Refined Program for Task 2: events and execution time when two robots “1” for robot 1 and “2” for robot 2 executed (a) original program, (b) modification in trajectory, (c) speed adjustment, (d) modification in rate to send commands and speed adjustment.
Fig. A.3: Refined Program for Task 3: events and execution time when two robots in parallel executed (a) original program, (b) modification in trajectory, (c) speed adjustment, (d) modification in rate to send commands and speed adjustment.