Search Results

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☐ Subham Agrawal: Script to publish 2d nav goal to move_base ‹ Implement move_base package in   due 8 May, 2020
Husky robot

☐ Subham Agrawal: Implement move_base package in Husky robot ‹ Ros Navigation basics   due 15 May, 2020
　　Task Level: Level 2

　　Create catkin packages for the husky robot to **implement the move_base** from navigation stack. Also **learn about costmaps, local global**

　　planner and the base_controller

　　☑ Subham Agrawal: ~~Setup Husky robot~~   due 7 May, 2020
　　☑ Subham Agrawal: ~~Setup the navigation stack on the robot~~   due 8 May, 2020
　　☑ Subham Agrawal: ~~use rviz with nav stack~~   due 8 May, 2020
　　☑ Subham Agrawal: ~~implement the navigation stack~~   due 11 May, 2020
　　☑ Subham Agrawal: ~~use 2d nav goals from rviz to make the robot follow the same~~   due 11 May, 2020
　　☐ Subham Agrawal: Script to publish 2d nav goal to move_base   due 8 May, 2020

☑ Subham Agrawal: ~~use 2d nav goals from rviz to make the robot follow the same~~ ‹ Implement   due 11 May, 2020
move_base package in Husky robot

☑ Subham Agrawal: ~~implement the navigation stack~~ ‹ Implement move_base package in Husky robot   due 11 May, 2020

☑ Subham Agrawal: ~~use rviz with nav stack~~ ‹ Implement move_base package in Husky robot   due 8 May, 2020

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robot

☑ Subham Agrawal: ~~Setup Husky robot~~ ‹ Implement move_base package in Husky robot   due 7 May, 2020

☐ Subham Agrawal: Ros Navigation basics

　　Task Level: Level 1

　　Following [https://www.clearpathrobotics.com/assets/guides/kinetic/ros/ROS%20Navigation%20Basics.html] this tutorial to learn about the

　　basics of ros navigation stack.

　　☑ Subham Agrawal: ~~Ros setup~~   due 4 May, 2020
　　　　Task Level: Level 2

　　☑ Subham Agrawal: ~~Husky Robot teleoping~~   due 4 May, 2020
　　　　Task Level: Level 2

　　☑ Subham Agrawal: ~~Navigation - jackal robot : mapping (gmapping)~~   due 5 May, 2020
　　　　Task Level: Level 2

　　☑ Subham Agrawal: ~~Navigation - jackal robot : localization (amcl)~~   due 5 May, 2020
　　　　Task Level: Level 2

　　☑ Subham Agrawal: ~~using python script to teleoping the husky robot~~   due 15 May, 2020
　　　　Task Level: Level 2

　　　　Using rospy api and python to make a script which makes the robot move in a square shape pattern give the side of square

　　　　☑ Subham Agrawal: ~~Understanding pub sub architecture~~   due 5 May, 2020
　　　　☑ Subham Agrawal: ~~Understanding rospy api~~   due 5 May, 2020
　　　　☑ Subham Agrawal: ~~using rospy api to move husky straight~~   due 6 May, 2020
　　　　☑ Subham Agrawal: ~~write publisher/subscriber code to move the husky in a square pattern~~   due 6 May, 2020

　　☑ Subham Agrawal: ~~Ros tutorials~~   due 15 May, 2020
　　　　Task Level: Level 2

　　　　http://wiki.ros.org/ROS/Tutorials

　　　　Using the link to learn about catkin packages, launch files and actions, services etc

　　　　☑ Subham Agrawal: ~~ros packages~~   due 6 May, 2020
　　　　☑ Subham Agrawal: ~~ros actions~~   due 6 May, 2020
　　　　☑ Subham Agrawal: ~~launch files~~   due 6 May, 2020

☑ Subham Agrawal: ~~ros nodes~~   due 7 May, 2020

☑ Subham Agrawal: ~~ros client and services~~   due 7 May, 2020

☐ Subham Agrawal: Implement move_base package in Husky robot   due 15 May, 2020

Task Level: Level 2

Create catkin packages for the husky robot to **implement the move_base** from navigation stack. Also **learn about costmaps, local global planner and the base_controller**

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☑ Subham Agrawal: ~~ros actions~~ ‹ Ros tutorials   due 6 May, 2020

☑ Subham Agrawal: ~~ros packages~~ ‹ Ros tutorials   due 6 May, 2020

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Task Level: Level 2

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