

Lab Preparation Document

Course: 2IRR10

Group Name: [Group Name]

Lab Session Number: [Lab Session #]

Date: [Lab Visit Date]

What are the specific objectives of this lab session?

(Describe what your group aims to accomplish in this session. Be specific about tasks such as setting up hardware, testing communication protocols, or implementing a feature like obstacle avoidance.)

What steps will your group take to achieve these objectives?

(Outline the key steps you plan to follow in the lab, including any setup, coding, testing, or debugging activities.)

What potential challenges or risks do you anticipate in this session, and how will you address them?

(Identify possible technical difficulties, hardware limitations, or software bugs that might arise, and propose strategies to manage them.)

What tools, resources, or prior knowledge will you need for this lab session?

(List any specific software, hardware components, ROS packages, or documentation you will use. Also, mention if you need to review any concepts beforehand.)

How does this lab session contribute to the overall progress of your project?

(Explain how the work in this session connects to previous work and supports the final implementation of the twin system.)