# Project 01 Prep– piRover Evaluation Rev 1.0

## Resources:

1. Zoom breakout room
2. Completed Yahboom G1 Tank Robot build

## Task:

You have been assigned a random classmate with the goal of using the Zoom breakout room to share your build experiences with each other. Use the features of Zoom to discuss each item below, recording both responses from you and your partner as you discuss. This draft work will be submitted with this activity but is also used as you create your final Project 01 report.

1. What is your partner’s name?

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1. Have you completed the piRover build and validation activities?

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1. Has your partner completed the piRover build and validation activities?

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1. Why did you build the piRover? What need or requirement were you fulfilling by completing this course and the piRover build?

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1. Briefly explain the value of a Yahboom G1 Tank robot as a solution.

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1. **Contextual Knowledge** - This task asks you to evaluate the piRover hardware, Yahboom software, and your experiences. Are you a qualified evaluator? Why or Why not? Consider what experiences you bring to this activity. See the next item for prompts

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1. What experience do you have as a tech user? For example, are you a gamer or possibly a drone pilot? You have used other mobile apps, right? Consider your prior experience and review your response in item 4 above.

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1. Have you had formal technical training either at NMC or another school or university? Consider your education and review your response in item 4 above.

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1. **Hardware Evaluation** -Discuss the build and installation of components and assemblies. Was the hardware build easy or hard?

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1. What is your opinion of the build documentation? Consider both the Yahboom documentation as well as the resources provided by K2.

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1. How would you rate the overall quality or performance of the hardware?

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1. **Software Evaluation** - Discuss the Yahboom Robot mobile application and associated utilities that you used when testing your device. Was the software easy to install and use?

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1. What is your opinion of the software documentation? Consider both the Yahboom documentation as well as the resources provided by K2.

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1. How would you rate the overall quality or performance of the mobile software provided?

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Submit your completed assignment by zipping it along with other assigned work and post to the Moodle site using the weekly assignment link provided at the bottom of the week’s section.