

Permission to Take Part in a Human Research Study

IRB Protocol # (HM20029364)

Title of research study¹: *Learning Barriers in End-User Robot Programming*

Investigator: *Dr. Kostadin Damevski*

Important aspects of the study you should know about:

Purpose: The purpose of this research study is to understand how novice programmers use external information to help overcome difficulties faced when programming a robot.

Procedures: If you choose to participate, you will be asked to write a program to get the robot to perform a pick-and-place task. You will be given additional documentation to help learn how to write the program and will be asked to answer short questions on the quality of provided information.

Duration: Approximately 1 hour to complete the programming task and surveys.

Risks: The risks or discomfort involved in this research are minimal.

Benefits: There are no direct benefits from participation beyond practicing programming.

Data Privacy: The data collected in this study will be anonymized. No personal or sensitive information will be recorded. Data will be initially kept in a local computer, and later translated into quantitative/qualitative data for research analysis. The translated anonymized data may be available for access by external researchers.

Costs and Compensation: If you agree to take part in this research study, we will pay you with a \$25 gift card to VCU Barnes and Noble for your time and effort.

Participation: Participation is voluntary. Taking part or not in this research study is your decision. You can decide to participate and then change your mind at any point.

Contact Information: If you have any questions about the purpose, procedures, or any other issues related to this research study you may contact the Principal Investigator, Kostadin Damevski at kdamevski@vcu.edu.

Your signature documents your permission to take part in this research.

Signature of subject _____ Date _____

Printed name of subject _____ Date _____

Signature of person obtaining consent _____ Date _____

Printed name of person obtaining consent _____

¹ This template satisfies AAHRPP elements I.1.G, I.4.A, I-9, II.3.C-II.3.C.1, II.3.E, II.3.F, II.4.B, III.1.F, III.1.G