







Final Project Status Report

Your Name: Chongyuan Liu

Project Title: RoboScale

Date of report: Nov 30, 2023

1. Project Status and Explanation:

Project Status Area	Status (RYG)	Explanation
1. Overall Project Status		Still have issues for objective 2: Validate the accuracy of the tool
2. Project Schedule		Significant delay
3. Project Deliverables		Already proceed all the steps and process for objective 2 but didn't get the expected accuracy. Have begun the writing of the final report
4. Resources & Collaboration		Need review and suggestions for the validating process and the how to upload documents into GitHub repository
5. Changes		The validating method and process are changed and validated by the project sponsor
6. Communication		Weekly meetings and email exchanges

For status above, indicate **Red**, **Orange**, or **Green**:

- **Red**: Critical issues, serious risks to project, significant intervention must occur to achieve success, potential for stoppage of project activity. Project slipping by 5+ days, and resources uncommitted to meet deliverables
- **Orange**: Some major issues, moderate risk to project, must monitor closely, some internal or/and external dissatisfaction with progress. Project plan slipping by 2+ days.
- **Green**: No major issues, minimal risk to project, on target with expected outcomes, project on schedule, everyone satisfied with progress.

2. List All Completed Project Tasks:

- Project proposal completed
- Project schedule and WBS planned
- Major materials and documents obtained
- Project sponsor agreement, Project sponsor acceptance prepared
- Project Charter created
- The literature review section completed
- The Robot Replaceability Scale tool was built and documented
- Change management plan created
- Risk management plan created
- Compared and documented the results of the project tool to ITIF evaluation and O*Net evaluation respectively
- Elaborated the occupation/task automation level assessment survey form and collected 20 responses from SPS and Tendon schools' students

3. List any concerns or issues that need the professor's involvement:

- The difference between the LLM-assisted tool and the ITIF/O*Net evaluation are significantly different
- Still waiting for the data of comparison between human assessment results and ChatGPT score from the Working with Robot Class
- Don't know how to put all the documents into GitHub repository

4. Next series of tasks to complete:

- Continue and finish the validation step
- Writing the final report
- Complete the IEEE document
- Put all the documents into GitHub repository

Please document the end of the project checklist of deliverables.

Please document how you accomplished these items

☒ Did the you arrange *at least* four meetings with the client during the project:

☒ Initial meeting to launch project

DATES: Sep 13, 2023

- ☒ Second meeting no more than two weeks after launch to review objectives

DATES: Oct 25, 2023; Nov 3, 2023

- ☒ Third meeting to review progress no more than two months after launch

DATES: Nov 15, 2023

- ☒ Final meeting to present results and hand in deliverables.

DATES: Nov 30, 2023

- ☒ Have you or will you provide a final report conforming to the template provided by the client?

- ☒ Will you or have you provide a repository of all final project files and a README user document in a public GitHub repository?

- ☐ Did you send weekly progress reports in written and email formats? These reports should include a summary of what has been accomplished in the past week, what tasks will be tackled in the upcoming week, and any issues that require resolution and input from the client.

5. Sponsor Signoff

Sponsor indicates agreement with the above status report:

By (signature): Andres Fortino
Project Sponsor

Printed Name: Dr. Andres Fortino
Please print in English