Project Milestone

As a Boilermaker pursuing academic excellence, we pledge to be honest and true in all that we do. Accountable together – We are Purdue.

(On group submissions, have each team member type their name).

Type or sign your names: Seunga Kim
SoWon Kim
Daniel Doh

Write today's date: 1/29/2023

Tasks completed during this milestone

Task	Initially part of the plan?	Owner(s)	Estimated time (hours)	Actual time spent (hours)	Is it done?
Choose proper dependencies	Yes	Daniel	3 - 4 hours	2.5 hours minutes	Done meant: Find all necessary dependencies that we are going to use in our CLI We actually did: We found some useful dependencies (may add some later). This task IS complete.
Search how to install dependencies	Yes	SoWon	3 - 4 hours	3 hours (search and practice)	Done meant: Find dependencies implementation for the program We actually did: We successfully find proper methods to install dependencies in package.js This task IS complete.
Search how to build the	No	Seunga	3 - 4 hours	4.2 hours	Done meant: Search how to actually make "build" working on CLI We actually did: Actually found

script we wrote					how to implement the "build" feature and make it work in our CLI, but it did not work properly. This task IS NOT complete.
Implement the 'install' and 'build' part for users	Yes	Daniel, SoWon, Seunga	7 - 8 hours	2.5 + 2.5 + 2.5 hours	Done meant: Successfully implemented CLI that can actually install dependencies and build the CLI whenever we update the scripts. We actually did: CLI was successfully executed with a banner and installed required dependencies. However, it still could not run any required features with "./run" command. This task IS NOT complete.

Are you on track?

Our implementation is still missing a GraphQl API in the design, which is what we still have to look for. In addition, we still couldn't figure out how to use CLI to run any executable file. This might be because of a lack of understanding in the new Typescript language. This is a task for

every member in the team to be addressed. Other than this issue, everything else is on track with our milestone plan.

Has your design changed substantially?

We decided to implement our CLI using typescript instead of C#, which is the programming language we planned to use. Other than that, we did not make any substantial changes in our plan.

Is your team having non-technical issues?

Our team had time conflict issues due to each member's schedules. However, we have managed to complete each task by communicating on Slack. Each member successfully prepared a team meeting. During the meeting, we kept updated our code on GitHub, so each team member can implement the assigned part and raise the pull request.