SWOT Analysis

1. *Strengths*

   a. I have the drive to learn new things to design meaningful and efficient UI.

   b. I know how to write variables and functions that are properly named to help other developers understand what the code does when it comes to code reviews etc.

2. *Weaknesses*

   a. As I am learning from tutorial which mainly focuses on code snippets instead of a whole project structure, it is hard to distinguish to placement of each feature I am implementing into the project, hence point b.

   b. My current code from this project has terrible encapsulation. Most of the codes are written in a single file.

   c. Unstable foundation in JavaScript itself makes it a problem to apply framework (React) on top of another framework (Redux).

   d. Since I'm having trouble working on the back-end part of the code, the front-end is not as polished. I like to make sure the code works before I move on to the UI side of the project.

   e. I have high capacity to learn new things but I get demotivated easily after a few failed attempts.

   f. This week I'm trying to learn all three JavaScript, React and Redux while trying to complete the tasks which caused some stress.

3. *Opportunities*

   a. I make full use of the internet to

      - Researching the APIs

      - Find useful third party libraries to use

      - Learn about the language and framework from freeCodeCamp

      - Get answers from StackOverflow whenever I am stuck

   b. I know my way around libraries and developer tools to help me do my work.

4. *Threats*

a. Distractions at home decreases productivity.

b. My inability to ask for help before I try whatever I can would delay work progress as I would take as long as I need to digest new information in order to help myself.

c. Caught in a tutorial loop. I keep doing tutorials to keep improving my understanding without actually applying some of the knowledge, which led to unpolished skill hence requiring some learning again.