PWA Assignment – Technologies used

The application is set up like a website.

The application is separated into three sections. The header, the user interaction, and the task viewer.

The header is built using HTML since I want full control over the layout and style of the elements. The header is also supposed to be very simple and therefore a simple *div* is fine.

The user interaction is where the user will write their task and click the "Add" button to add the task to the task viewer. The "Add" button contains a on click function that contains the functionality to add a task. The function checks if the input is empty or whitespace. If so, the function terminates. If not, the function will create elements to add to the document, using the function "createElement". The tasks are created this way since it's a fast and efficient way to quickly add elements to the document. Each task contains a button to mark the task as completed. This button has a on click button which removes the task from the document.

Interacting with the document this way is very fast and efficient. In the future cookies could be implemented to save the users tasks and the "addTask" function can be called for each task in the cookies.

I wanted to use "react-icons" to add icons to the buttons, but react-icons can't be created when creating elements using "createElement".