Team 18’s product is a chrome extension that aim to track the amount of time user has spent on the web browser. For the front-end which is the User Interface we choose HTML5 and CSS3 and the backend will be JavaScript because these technologies are the most commonly used web technologies to build the chrome extension.

The initial setup is a folder where all the files related to the extension will be located and a chrome browser to develop and test our chrome extension. The most important file is the manifest file *(manifest.json)*. It tells the browser what is allowed to do, and when it is allowed to execute the code. We will also have a JavaScript file *(background.js)* which listen to browser events and acts accordingly when the event has started. The *background.js* has to keep track of the websites that the user have visited and record the amount of time for each website user has visited. It also needs to send user an alert when the user has exceeded the amount of time they can spend on these websites.

Chrome extension user interface comes in several types. Popups are one of the most popular of user interface for chrome extension which is one of the reasons why we choose popups to be our user interface. When you click on our chrome extension’s logo, a pop up will appear with our user interface. This feature will need *popup.js,* *popup.html*, *popup.css*. Simple interface with an input of the amount of time user wants to spend on the web and an indicator of the amount of time spent on the website. Diagram

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