

# Progress Report

Nov 15, 2021

## Completed Tasks

My initial planned task for this project was “Chrome extension development environment setup project” and I have completed this task and a bit more. This involved:

- Creating a functional “Hello World” Chrome extension based on Google documentation in Visual Studio Code
- Finding/ installing the “@types/chrome” npm package which contains type definitions, to aid with development by providing JavaScript autocomplete for Chrome extension functionality.
- Exploring Chrome extension documentation to get an idea for UI options for providing search term entry and search result functionality to the user.
- Exploring JavaScript libraries for highlighting search results

## Pending Tasks

Since progress is on track, my pending tasks are the remaining planned tasks which include:

- Accessing visible text on a webpage, in order to apply a search term to.
- Finding/incorporating a BM25 algorithm in JavaScript
- How to display search results to the user in the UI

## Challenges

I am not currently facing any blockers. I am still largely in an exploratory phase, so my biggest challenge is still to sort out details, ensuring that I haven’t oversimplified any concepts that could turn out to be overly difficult.