https://dle.plymouth.ac.uk/pluginfile.php/3242871/mod\_resource/content/0/COMP1004%20-%20Assessment.pdf

Backlog

* User stories
  + As a user, I want to be able to measure my typing speed in wpm
  + As a user, I want an option to stay logged in, so that I don’t have to enter my credentials every time
  + As a user, I want to see an error message if I enter incorrect login
  + As a user, I want to see my typing speed scores stored and displayed within a graph to be able to track my progress which is linked to my account
  + As a user, I want to be able to pick if im typing words or paragraphs
  + As a user, I want to be able to pick if the text I’m choosing to test against has punctuation or capital letters.
  + As a user, I want to be able to pick how long the typing test will be.
  + As a user, I want to be able to see a digital 2d keyboard lighting up and showing me the keys I inputted
  + As a user, I want to see which words/letter I’ve made a mistake on and the ability to change my mistakes during the test.

Using SCRUM SDLC – in first sprint, Creation of introduction + sdlc description -> start of initial sprint explaination -> planning phase + start of design phase.

**Introduction**

In this report, I will be describing the methodology of how I created my project; showing my planning, design of my coursework for the COMP1004 module. The project I've chosen is a single page web application of a typing test website, like available resources such as Monkeytype.com or typingtest.com.

**Software Development Lifecycle**

During this project, I am using the AGILE methodology, using the SCRUM model to achieve my project, having a scrum meeting at the beginning of every two weeks to outline what my aim is during the 2-week sprint.

In my first meeting, here is my objectives:

Meeting - 1/11/2023, 10:20-10:25

* Skeleton outline of webpage
  + A place to write and display words for them to write
  + Put html learning in practice – is current blocker; Mozilla html for help
* Finish introduction
* Use notepad++ and open document with chrome
* Write project vision

The problem I faced was incorrect validation for my typing test. The problem with my working solution was incorrect syntax for some of my JavaScript causing it to fail. Once solved, another issue arises with the fact my function did not run on submit as I desired. This was a lot easier, simply putting the call to the function within the form tag in my html instead of putting it within the input tag.