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 (word per minute).
  + 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 have options of texts to test typing ability against. (e.g word vs 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 explanation -> planning phase + start of design phase.

* Make skeleton of code

**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

**Script**

As the digital age becomes more and more prevalent, higher typing's speeds are becoming a necessity in many office jobs within businesses.

This is particularly important with administration jobs that needs to enter accurate data within a database.

Proficient typing can also improve seamless collaboration as team members are able to articulate their thoughts and ideas effectively quickly and proficiently, a vital skill within the workplace.

As a result, my program intends to be used by employers to be test their typing ability, finding out their average WPM and their accuracy.

**Userstories**

**Sprints**

**Flowchart logic**

**Wireframe**

This is what I’d like it to look something like by the end of my current sprint, it’s a basic design to fufill all the features described in the userstories

Prototype – show the prototype working using console log