

Html:

HTML, Hypertext Mark-up Language is the standard mark-up language that is used for creating web pages, it describes the structure of a web page and consists of a series of elements. HTML is not a programming language, therefore it is not capable of creating dynamic functionality. HTML allowed us to create and structure sections, paragraphs, headings, links and blockquotes and organise and format documents and multimedia. We have used this mark-up language to the text that is present in our website. To make the text readable as well as control the size of the fonts we have formatted the text and other features controlled by HTML using code such as <h1>, <h2> etc.

CSS:

CSS is the language that is used for describing the presentation of the web pages. It allows for the programmer to adapt the colour, layout, and fonts of the web page. CSS has been used in our web pages to create a website that follows a conventional format as well have a constant layout throughout the website. With the use of CSS we have been able to create a header features such as the header which is a major part of the design of the website as it is carried over all of the web pages in our web site. It has also allowed for us to make our website much more attractive by changing things such as font colour background colour and many other factors that contribute to how the website looks.

JavaScript:

JavaScript is a text-based programming language that is object-oriented programming language that is used for creating more attractive website as well as to make web development easier. HTML alone cannot create the interactive features that increase the useability of a website. Therefore we have coupled JavaScript with HTML to create a website that produces a result when the user interacts with the website or completes an action. Features such as the carousel feature that is used to scroll using arrow buttons that were programmed using JavaScript.

PHP:

PHP, Hypertext Pre-processor is an open source, server-side that is embedded in HTML that is used to create dynamic web pages. It is a widely used scripting language that is free to download and to be used PHP can perform tasks that any CGI program can do, it is also compatible with many types of databases. PHP is mostly used to make Static websites into Dynamic websites. It can generate dynamic page content as well as create files on the server. A feature that was most useful to us when we were creating the website. Our scrum board includes a feature where when an action is taken on the user side of the website regarding a task it will be mirrored in the server.

PhpMyAdmin:

PhpMyAdmin is a software tool written in PHP which is also free to use that handles the administration of MySQL databases server. It can be used too perform many of the administration tasks, including creating a database, running queries, and adding user accounts. This program allows for us to create a server that is secure as it will only allow users with access to the server

access the data that is stored in the server. This is important as usernames and passwords will be one of groups of data that is stored in the database for our project. This is not the only information that will be stored and the other information that will be stored can also be sensitive information.

MySQL:

MySQL is a widely used database management system, it can manage something as simple as a list to something that can be very complicated with huge amounts of information. It is mostly used in corporate situations and therefore we deemed it suitable for our project as our scrum board is mainly focused at making it easier for teams from such companies to manage their projects. In our scenario it will be managing data ranging from a moderate amount to a vast amount depending on the specific user. However, its ability to manage both situations allows for it to be a program that can be relied on for our project.

Figma:

Figma is an application for interface design that runs solely on the browser, but it is much more than that. I would go so far to saying that it is a perfect application for collaborative design projects focused on team projects. Figma provides all the tools you need in the designing aspect of the project such as vector aid which allows fully- fledged illustration, as well as prototyping capabilities and more. In addition, Figma allows live time collaboration for a team to work together at the same time and it saves our progress online, so teams won't have to worry about losing the save files. In our case, Figma will be our primary go to design tool for our project's wireframes for both MVF and EVF.

Lucid chart:

Lucid chart is a web-based tool that allows users to collaborate drawing, designing, building and sharing charts and diagrams. Lucid chart offers unmatched features inside a user friendly and straightforward editor which includes a wide variety of collaborative features. You are also provided with flowcharts, process maps, wireframes, network diagrams and others that you can input with just dragging and dropping.

Microsoft Teams:

Microsoft Teams is collaborative platform that has a wide range of uses such as document sharing, online meetings, plan meetings, chat with individuals or teams and a lot more useful feature. It is normally used in education and business industries due to its excellent team space which may allow people to make creative decisions and communicate with each other. Microsoft teams is also available on both Android and IOS which you can say is easily accessible from anywhere nowadays with the help of the internet. For our case, Microsoft teams is where all our meetings were held and recorded the link to those meetings is included in our html report.

GitHub:

GitHub is a repository hosting service which is good for team collaboration due to it providing file sharing features that has access control and management tools for projects. We as a group had our files posted and shared on GitHub to organise it into weeks of our work.

AWS:

Amazon Web services is a services platform on the cloud that offers data storage, content delivery and other functionality that can be used for collaboration. For us, Amazon web services provided a platform to host our website and bucket to add all our relevant files to including our final html report file. AWS allows multiple users access to the same bucket which also helped in our teamwork and make sure all of us were able to access the relevant files needed.

Highlight Date		Priority	
		Effort	
As a	developer		
I want	Check that the date highlights when hovered over		
So that	I know it can be clicked on		
Acceptance criteria	<p>Criterion 1:</p> <p>Given that I am on the calendar web page</p> <p>When I hover over the date</p> <p>Then the date highlights indicating that it can be clicked on to select that specific date for editing purposes or inspecting.</p>		

Scroll through Calendar		Priority	
		Effort	
As a	developer		
I want	Scroll through the calendar		
So that	I can inspect the tasks that are assigned for each date		
Acceptance criteria	Criterion 1: Given that I am on the calendar web page When I click the left arrow button on screen Then the calendar moves backwards displaying the days before and the tasks attached to them		
	Criterion 2: Given that I am on the calendar web page When I click the right arrow button on screen Then the calendar moves forwards displaying the days that are to come and the tasks attached to them		

Select Date		Priority	
		Effort	
As a	developer		
I want	To select a date		
So that	I can inspect the tasks completed or to be completed on that day		
Acceptance criteria	<p>Criterion 1:</p> <p>Given that I am on the calendar web page</p> <p>When I click the left on a data</p> <p>Then the data changes colour indicating that it has been selected</p>		