**Michael Tasks**

TOOLS AND TECHNOLOGIES

**What software or other tools are required by the project?**

Integrated Development Environments

* HTML / CSS / JavaScript: Notepad++, NetBeans or Visual Studio Code
* SQL: SQL Server Management Studio

Version Control

* Git: GitHub

**Are there any software licenses needed?**

**Is there any hardware needed?**

SKILLS AND JOBS

As outlined in **Tools and Technologies**, our applications require a range of software and hardware, so its essential that we have people who have the skills to handle these processes.

As our application will be web based, HTML + CSS will be essential in ensuring that the website has a clean user interface, whilst also ensuring that it has the best possible functionality.

TESTING

RISKS

No matter how well you think you’ve planned a project, anything can go wrong and the entire project can run into problems. So, when a project is being planned, its important to identity possible risks and implement possible plans for when you have to deal with these risks. Risks can fall into several categories such as **cost** / **financial**, **technical**, **people**, and even in some cases the **client**.

In relation to our project idea, our web-based application requires a range of software tools as outlined in **Tools and Technologies**, and these each comes with their associated risks.

The fact that our project’s main function is to give people an accurate and reliable assessment of possible health conditions that they may have. This in itself is a major risk, as giving a completely incorrect result could have severe effects on the **client** (the user), including shock and anxiety from an incorrect prediction, which could then result in **backlash** on the business / developers.

In order for our application to give accurate and reliable predictions, it needs to have access to data and statistics for the majority of known health conditions, illnesses, and diseases. This can be risky, as not only will this most likely be very **expensive** to access, but it will also need to be updated on a regular basis to account for new diseases.

Databases will play a major role in the success of our application, but unfortunately, maintaining the integrity of these databases can be difficult in some cases. This can be several reasons, ranging from the difficulty to learn the software / programming languages, and ensuring that **people** (employees) have the **skills** to operate / manage such a database, which can result in a non-functional application.

As the user will be required to enter some personal information, such as age, sex, and any other past health conditions, as well as other optional information, this can result in **legal** risks, as the developers need to ensure that the privacy and security of the confidential information is of a high standard and obeys **regulations**.

**Schedule risks** are another common risk in many projects, and ours is no exception. Some activities may very well take longer than we predicted on our **Timeframe**, and this can result in many other risk factors becoming a possibility, including increased **cost**. If the project has a deadline and scheduling becomes an issue, then this could result in a **performance risk** as the application may fail to produce the results that were outlined in the specifications / requirements.

TIMEFRAME

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| --- | --- | --- |
| **TASK** | **START DATE** | **END DATE** |
| Start Assignment 3 | 21/05/2020 |  |
| Project Description | 21/05/2020 |  |
| Overview | 21/05/2020 |  |
| Aim | 21/05/2020 |  |
| Plans and Progress | 21/05/2020 |  |
| Roles | 21/05/2020 |  |
| Scope and Limits | 21/05/2020 |  |
| Tools and Technologies | 21/05/2020 |  |
| Testing | 21/05/2020 |  |
| Risks | 21/05/2020 |  |
| Group processes and communication | 21/05/2020 |  |
| Skills and Jobs | 21/05/2020 |  |
|  | 21/05/2020 |  |
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|  |  |  |
|  |  |  |
|  |  |  |
| Create website |  |  |
| Submit Assignment 3 | 31/05/2020 |  |