Task 1 Activity A (ii) Proposal

MUST TALK ABT IN THE PROPOSAL

The Clients are ……. That provides these services……
They are requesting for a digital solution to……..

(functional requirements)
In order to be able to execute their ideas I propose that they should have an online platform to enable more people to be informed efficiently. On this online platform we could have a ….

One table on what users can do

table about: feature, priority and reasoning

(non-functional requirements)

Accessibility such as dark and light mode, text to speech, font size ect

For any good website one must have a range of accessibility settings to be able to serve to different individuals who may need more support. This is why I suggest having these accessibility settings, as many are the standard for companies to use. User personalisations are extremely important for a good user experience. If the user experience isn't as good/ aesthetically pleasing for the intended market, (for this company) the users may not use your services nor recommend others to use so too. We should have a mobile version too for those who may prefer using mobile (extra convenience) or for those who may not have a PC.

The website can have (for accessibility):

- A dark mode and light mode (for those who are light sensitive)

- Text to speech setting (for those who are visually impaired / legally blind)

- Adjusting text size setting (for visually impaired individuals)

- A colour blind mode / high contrast mode (where there is a higher colour contrast for those who need it such as colour blind people)

- Language settings (for non native english speakers)

table about: feature, priority and reasoning

Database that stores data and info about:
Customer account info ect.

Mitigation of potential risks:
If something happens when using the site, and how to prevent it (priority)
Leaks and malware prevention

RISKS	MITIGATION
Malware	Have antimalware,
Faulty data/ human error	Ask user if the data is correct / allow user to edit their data for it to be correct
Data loss	Have backups for user's data
Data leak/ Hackers	Have hashing/encryption, 2 step verification

Decomposition of problems to be solved:
Other problems and how we plan to solve them

We will have a large database storing user's data, for those that do not have a PC we will have a mobile version as well as it being accessible to use on any tablets. There will be extensive research to find the most effective way to adapt the html version onto different devices. With the colour themes we will have to do some user research to ensure that the colours are not overbearing / overstimulating towards the user.

KPI key performance indicators:

- How many users that click on the website make accounts
- How long on average do users spend on the website
- How many users use the customisation options
- How many users use a certain part of the website
- What section is popular

How many users that click on the website make accounts

- Keeping track of this will allow you to see how many users are being lost from initial impressions of the website and if it seems like a large number of users then changes could be made to retain user attraction.

How long on average do users spend on the website

- You need to keep track of this so you can see how well the website is doing.

How many users use the customisation options

- It's important to track this as you'll then be able to see how effective of a reward it is and whether changes are needed.

How many users use a certain part of the website

- It's important to keep track of this to see how many people are liking it and whether or not changes will need to be made to improve users' enjoyment of it.

What section is popular

- It's important to keep track of this as you can then see what's in high demand and can advertise those courses more to pull in more users.

User acceptance criteria:
This users must be able to do/ MUST have functions/ stuff

how relevant regulatory guidelines and legal requirements, in relation to software development will be addressed/Legislation stuff:

Links to legislation:

https://www.gov.uk/data-protection - The Data protection act (for the data security aspect)

https://www.legislation.gov.uk/ukpga/1990/18/contents - Computer Misuse Act 1990   (for the data security aspect)

- Private policy and terms an service stuff
- Cookies
- Warning that this app is still new and may not be as accurate