

Criterion A: Planning

Scenario

My client is interested in her family history and the stories about when her family were children. She wants to record, store and access stories from different devices with different users but could not find a suitable platform to do it on.

Currently, she is not able to efficiently collect these stories and she doesn't have a location to store them that suits her needs. As her siblings live in different places, the most suitable way to collect and share the stories would be through the internet¹. My client would also appreciate additional features such as a way to add and filter through tags as well as an option to add the date of the event and the ability to filter the information using the date². To do this, I plan to use google services such as sheets and forms to collect and sort data and I will try to present the data on a website which can be tailored to her needs. I hope this will allow my client to share her family's stories in an efficient and easy manner.

Rationale

A program in java or another language may be hard to access on some devices and would require the client to keep a running server³. I believe that google apps combined with a free website hoster will be the right tool for the program which will let the client collect data from multiple users across the world, process the data and display it so that it can easily be read and the user can search the stories. They can be accessed from web browsers and are kept relatively secure, with a user login for the hosting service and to access stories on the website.

The code used in google apps is relatively simple and it is easy to connect the different services to one another and share data that way. This allows me to create an aesthetic form for the user to input data while using google sheets, which has a less appealing interface, to process the data.

Data can then be imported to a website where it will be presented. It does not require a server to be running and is free, easy to share and easy to edit.

Success criteria⁴

- It must be able to receive inputs from multiple users on multiple machines.
- It must be able to process the data that it is receiving
- The user must be able to easily submit an input which allows the user to add a story.
- It requires an input which allows the user to add the story text, their name and additional notes when creating a story.

¹ 1-Client, Page 1

² 3-Developer, 4-Client, 7-Client, Page 1

³ 11-Developer, 12-Client, Page 2

⁴ 1-Client to 13-Client, Page 1 to Page 2

- The user must be able to submit an input which allows the user to add tags to categorise the story as well as search for them.
- The user must be able to add dates with stories as well as search for those dates.
- It's user interface must be simple and aesthetically pleasing to the point where the client is satisfied with it.
- It requires a database which stores the data that has been inputted.
- It requires a way to modify the data in the database, in case an input was wrong.
- It requires a security system which prevents unauthorised users from accessing data.