

An Alzheimer's Aid

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Introduction

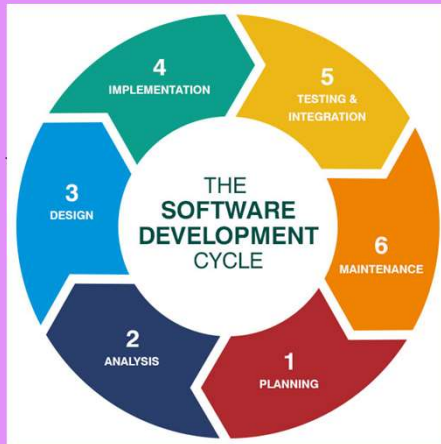
The number of people living with Alzheimer's is ever growing and there isn't much in terms of software to help with daily life.

So the problem I will be addressing within my project is that, people who have Alzheimer's can find it hard to remember important details throughout their day to day life and because of this the aim is to create a product that makes it easier to remember things but also have everything in one place.

Software Methodology

To find the right methodology, I compared software development life cycle, rapid action development and extreme programming.

After researching the three methodologies I have concluded that I will be using Software Development Life Cycle to carry out my project, as it will provide me with steps to follow, it is used within the real world and that it should allow me to create a consistent piece of work.



My Product

My product will be a place that a person with Alzheimer's can store important information for their everyday lives.

Some of the features that could be included are;

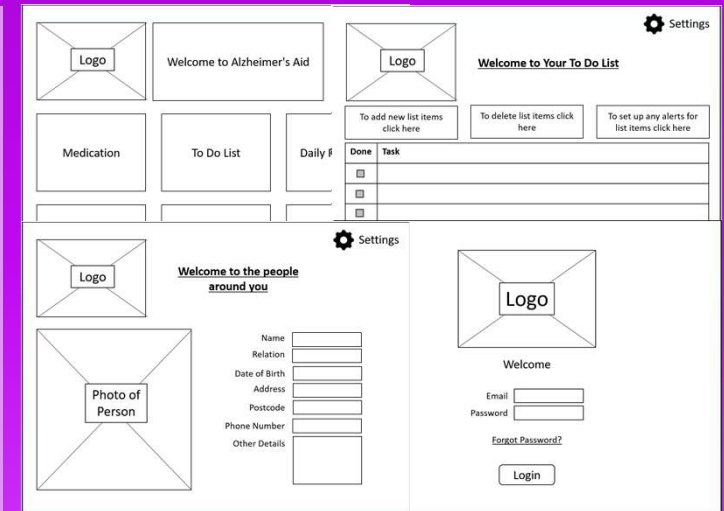
- Time and Date
- A place to store all medication that the person takes, including,
- To do list to aid in remembering what they need to do
- Alerts for important tasks, i.e.
- Phone numbers for important people
- A bio like page for important people
- Add new bio pages for people
- Store Profile of themselves

The idea is that my product would be displayed on a tablet in the home and can be accessed at anytime to allow the person to lead an independent life for longer allowing them to know when important task need to be done and what medication when.

Motivation Behind the Project

The motivation behind my project is that my nana had Alzheimer's and seeing her suffer with it made me think about what could be done to help her with day to day life.

The initial idea was in the form of a book where information could be stored in order to help remember important information, which then developed into using technology to create the product



Technologies

My product will consist of a web application as this allows cross platform use without having to create multiple versions.

My strengths are in PHP and SQL databases, so I aim to use these to create my product as well as CSS for the front end look.

Evaluation

In order to evaluate my product, I hope to get an organisation to do with Alzheimer's involved as they will have more specialists, if this doesn't work I would use carers and or family as they would have had first hand experience.

I wouldn't use Alzheimer's patients at this stage as to not cause stress or aggravation as this would not be fair to the person.