Report introduction:
Following on from the initial report into the development of the food orientated website "Go Dutch pancakes", this report will cover the current state of the website as well as the changes, difficulties and success of the web page through its two month span of development.

The link to the page can be found here:
https://rickypopadop.github.io/WebTech/index.html

The differences between the current webpage and the one proposed at the end of February can be broken down into two sections, first one being the changes to features that were intended to be implemented from the very beginning and second being the features that were not originally intended to be used but are now being used.

Changes to features that were intended from the start:

Originally it was planned that, on the home screen where each pancake is displayed, there would be a search function for the user to use. This search function would allow the user to filter out the pancakes to show only the pancakes that contain the ingredient they were searching for. It was decided that the feature would be left out due to time constraints and would definitely be implemented had more time being available to continue working on the web page.

The layout of how the page looks varies to different lengths in various places from how it was originally depicted in the sketches created at the start of development. This change stems from how practical it would be to make the webpage look exactly like how it was envisioned. Whilst possible it would have meant spending less time on elements of the webpage that were more critical to its functionality which were deemed to be more of a priority then making the page look a little nicer.
Cover the differences

Features that now exists but weren't planned originally:
In the original report it discussed how the recipes would be stored separately so that they could be called upon dynamically when needed to be shown to the user. The final implementation of the feature makes use of JSON to hold the data and javascript to create the web page when needed. A JSON wasn't originally planned on being used but it became apparent through further research that it would greatly simplify the code behind the web page and was choosing to be implemented instead.

The web page is currently in a usedable state but there are still more features/changes that would be made given more time:

The current text to voice feature that the user can use in the history page would be revamped to give the user more control over it, such as allowing the user to pause, change the voice, choose where to start from.

The general look/colour scheme of the website would be changed to give a more welcoming feel to the user. This wouldn't give the user any more options with things they can do the page but it would improve their overall experience.

As mentioned early, an option to search for pancakes would be added to the homepage, this was designed to be implemented in the original report and is currently not included due to the extra work it would take to be implemented.

Extra information would be provided when viewing each pancake recipe, such as calorie count and other relevant information about the ingredients. This wasn't covered in the original report but is a feature that would be added with further development.

Challenges with development:
The standout most challenging part of the development was the creation of the JSON, creating and using the JSON wasn't the most difficult part but rather discovering that it was something that I could use. It took a good couple weeks of research before I realised that this was something I could use which was the biggest chunk of time I spent on a single thing during the development of the website.

Success with development:
The most successful part of the development would be the implementation of javascript to create the page containing each recipe. Instead of individually making each page, the javascript will collect the data it needs from the JSON and create the html for the page. This is done every time the user wants to view a page and is a lot more efficient then trying to manually create the html for each recipe.