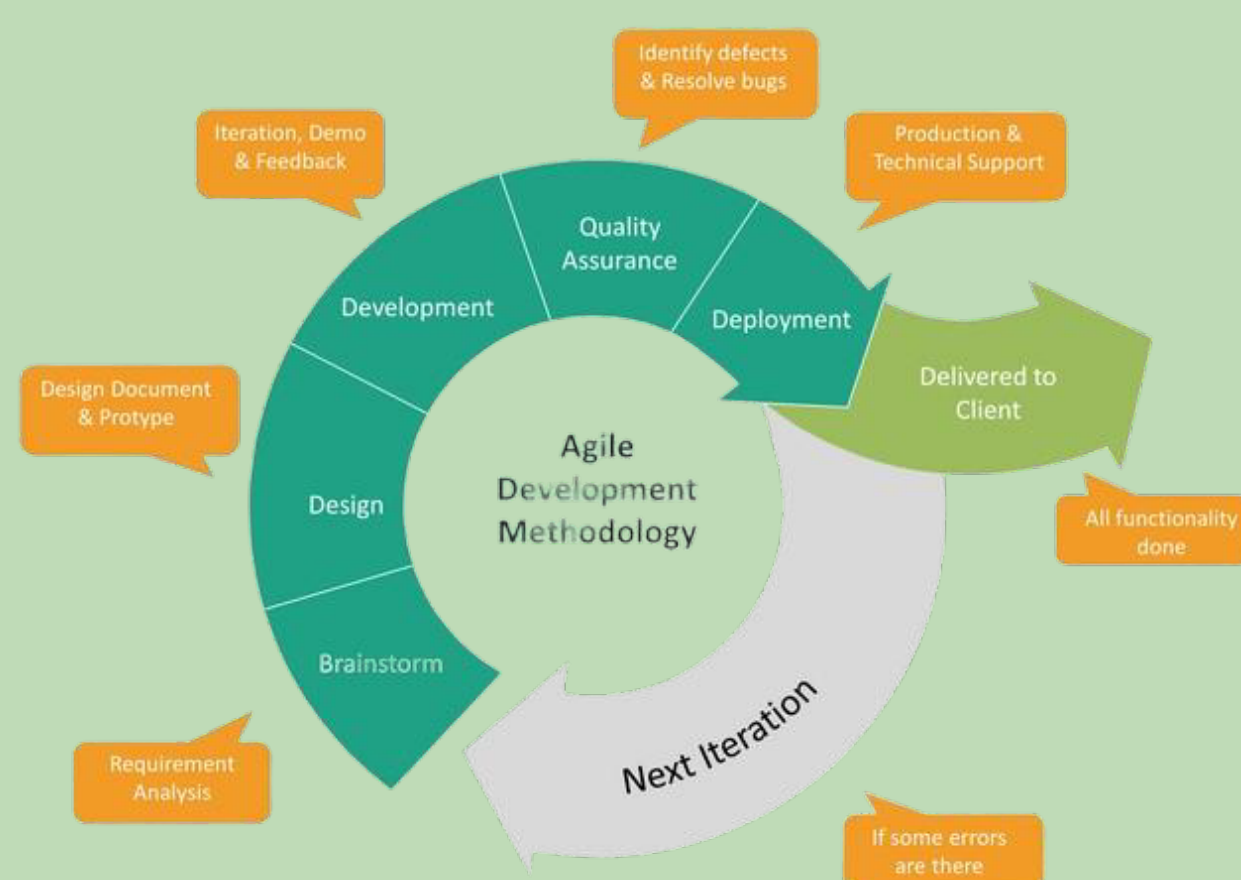# RecipeHunters

Project

- Recipe Hunters will be a convenient and dynamic web application and as user -friendly as possible so it is suitable for a wide range of ages, it will include an extensive database of recipes, ingredient compatibility as well as catering to different culinary experiences.

- The user will be prompted to input a single ingredient into the search bar of the webpage, Recipe Hunters will then generate a wide selection of recipes from the simpler dishes to more complex dishes containing the inputted ingredient. When the desired recipe is chosen it will include an ingredient list and step - by-step instructions on how to create the meal

Ethical Issues

- There is the possibility that the recipes that are provided may not be the healthiest or sustainable which could be an unethical issue as some users may see this as the encouragement of practicing unhealthy cooking practices which results in promoting harmful eating habits.

- Local ecosystems can also be impacted with the use of unsustainable ingredients especially when users are reliant on them, which will result in concerns being raised over environmental responsibility.

Methodology

- For the methodology development, Recipe Hunters will use the agile methodology.

- Agile will be the best option as it has a more flexible approach & the stages of the project can be broken down into smaller sprints.

- It will also mean that if there are changes that need to be made during it can easily be done.

Main aims

- The main aim of the project is to design and develop a user -friendly web application named Recipe Hunters which will generate a variety of recipes based on the user input of a single ingredient.

- Recipe Hunters will help simplify meal planning as well as reducing food wastage as it will provide users with a simple and convenient platform to plan meals using the ingredients they already have, this will also help those that are trying to create delicious meals on budgets.

- The application will inspire users to explore new cooking techniques as a wide array of recipes will be offered. It will also accommodate those with dietary restrictions as it will all be tailored to the users preferences

- The target audience for Recipe Hunters will range from beginner cooks to advanced cooks, users working with tighter budgets e.g students and those with dietary restrictions.

Implementation

- The web application will be made in VS code using JavaScript as the main language. The interface will be user - friendly and will feature a search bar to search for the ingredient.

- This will then generate a range of various recipes as an API (Edamam) will be used.

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