Project Description

* The project is to setup a site to allow customers to search for or load recipes, allowing for the automatic option to buy the needed ingredients. We will look into using existing websites such as amazon.com and allrecipies.com to use their platforms to achieve our website’s purpose. We will also provide a way to customize the search for recipes and ingredients so that users can give preference to things such as nutrition and time.

Project Purpose

* The purpose of the project is to provide a platform so users can easily access food and ingredients to allow users to cook the meals they want.

Business Case

* People are always looking for the easiest and most convenient way of doing tasks. Our platform will eliminate the need of searching for specific ingredients in multiple locations, allowing for a convenient way to successfully try new recipes, and sort by user preferences.

Project Deliverables

* The focus is on developing and implementing a site that utilizes amazon.com and a recipe database to provide recipes and their respective ingredients. We will be creating software to scrape data and interact with these websites, along with creating the infrastructure so that users can customize their searches through our site.

Project Milestones

1. Web Scraping Implementation- Develop the software to pull ingredients from allrecipies.com and search them on amazon.com.
2. Establish site – Build the site.
3. Integrate software – Combine steps 1 and 2.
4. Testing and Debugging – Test the site for possible problems.
5. Add more features – Add new features to the site that allows for search customization (nutrition/time/etc.).
6. Testing and Debugging – Retest the site with the new features.
7. Deploy

Project Roles and Responsibilities

* Brooke Kennedy
* Carson Blevins

Project Life Cycle Methodology and Tools

* We will use the Agile Methodology which will allow us to complete our project in weekly phases. This approach will allow for unexpected changes we incur along the way and provide adaptability.

Production Fees and Total Cost

10 weeks total

Software implementation – 50%

Testing – 5%

Documenting – 5%

Team meeting -20%

Revising software- 20%