Culinary Quest – Project Proposal

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Client Requirements:

* Internet connection
* Computing device (desktop, laptop, smartphone, tablet, etc.)

Material List:

* VS Code
* Spoontacular API account
* Laptop/Desktop

Conceptual Design:

* Local hosted website that uses the Spoontacular API and its library to allow the user for easier culinary decisions in their day-to-day life.
* This site will have three main features: bulk recipe searching that returns recipes for meal prep to the user based on their input, random recipe generation for the user to request a recipe without any form entry, and finally a wine paring feature that will recommend the best type of wine for an entrée inputted by the user.
* It will also provide a hosted database for the user to save, edit, and create recipes for their library with basic CRUD functionality or an easy export to text feature that will allow the user to simply add the crucial information to a digital notebook they may already have.
* This site will most likely separate the features by different web pages for easier navigation and mobile use.
* An “About” and contact forum will be provided on a separate page than any feature for navigation and allows the user to gain a sense of what the site is for and contact the developer for any questions or ideas for further development.

Work Breakdown:

1. Research and Discovery
   1. Define scope.
   2. Gather requirements.
   3. Finalize timeline.
2. Design
   1. Design charts.
   2. Design site visual.
   3. Finalize design.
3. Feature 1 – Bulk Search
   1. Plan/Research.
   2. Design
   3. Test
   4. Review/Fix
4. Feature 2 – Random Recipe Generation
   1. Plan/Research.
   2. Design
   3. Test
   4. Review/Fix
5. Feature 3 – Wine Pairing
   1. Plan/Research.
   2. Design
   3. Test
   4. Review/Fix
6. Overall review
   1. Test overall site.
   2. Review/Fix and bugs.
   3. Create PowerPoint.
7. Present.

Milestones:

* Finalize Design
* Feature 1 implementation.
* Feature 2 implementation.
* Feature 3 implementation.
* Debugging/Reviewing finalized project
* Presenting

Gantt Chart:

A screenshot of a project

Description automatically generated