

Milestone 1

Team Name: Hack Gang

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Description: We are planning to create a website that will let users enter a price and what they want (e.g. lunch, snacks, dessert) and our website will give the user a recipe under that price. The user can also enter a recipe they already have and our website will tell them the overall cost of that recipe.

The user will have to create an account and can save their recipes under an online recipe book that they can later search by price. The user can also specify which store they shop at so that the website will calculate the price based off of where the user shops at. The stores will be centered locally around Boulder, but we could always expand out later on in the semester if we have the time.

Vision Statement: Provide people with an efficient means to discover and prepare meals based on their budget.

Motivation: Most people in college don't have a lot of money so budgeting is important. Our website will help people maximize what they can get for how much money they are willing to spend. Our website will also help people who don't know what to eat.

Risks: A key risk is our ability to find applicable recipes. Our current approach is to find a method to search existing recipes online, but finding and categorizing these recipes may prove difficult. We also have a lack of experience with the backend database.

Risk Mitigation: Search for recipe databases and if none are found possibly change website format. We will also later learn about backend databases and will also learn it on our own.

Version Control: Hack-Gang-Code(https://github.com/Brandon-yi/Hack_Gang-Code.git), Hack_Gang-Milestones(https://github.com/Brandon-yi/Hack_Gang-Milestones.git), Hack_Gang-Meetings(https://github.com/Brandon-yi/Hack_Gang-Meetings.git)

Development Method:

- Agile/Scrum

Collaboration Tool:

- GitHub
- Skype
- GroupMe

Proposed Architecture:

- Back End - SQL/Python
- Integration - Javascript
- Front End - HTML/CSS