Team Number: 012-07
Team Name: Team Munch-Money

Team Members:
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Application Name: SnakTrak / MunchTab

Application Description: An application which allows college students to easily split and manage financial costs in a shared home. It will be geared primarily towards food costs, and will automatically split prices based on metrics specified by the user such as how many persons live in the home, how much a given product costs, and whether or not it is available to others in the house (intended to be shared or not).

Vision Statement: This application is targeted at college students who need a way to manage the food and other bills that they share with other roommates. The SnakTrak app is a finance and tracking app that offers a simple way to split bills and other costs in a shared home. There is no application that can currently fulfill this purpose, so our product would be the first in the market.

Version Control: https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-012-07

Development Method: We will be following an agile development method with sprints every two weeks with room for tweaks in how long each sprint lasts. The agile development method may be more hybrid-waterfall the first few weeks because we may find that certain elements of the project must be completed before we can start on other elements. We will be using git for version control.

Jira Link:
https://csci-3308-fall21-012-07.atlassian.net/jira/software/projects/T07/boards/1/roadmap?shared=&atlOrigin=eyJpIjoiMmJiY2IzM2RiZTgyNGI2OTllNjA4YWRhMDZiZGM3YzciLCJwIjoiaiJ9
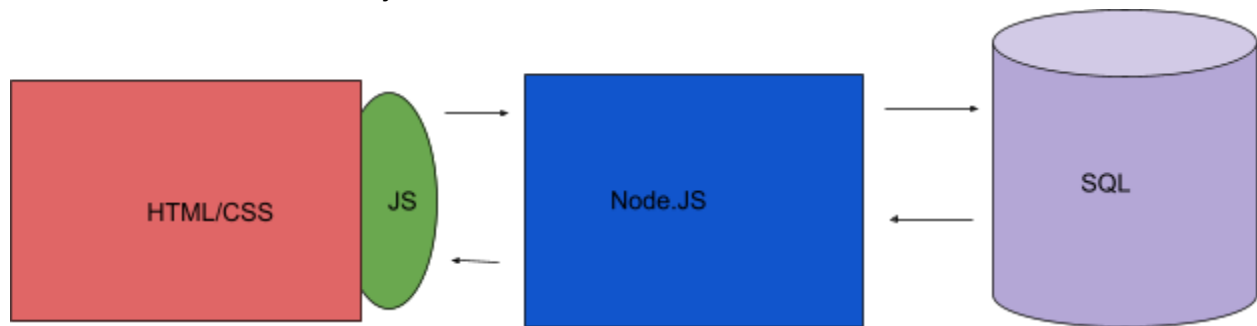
Communication Plan: Our team plans to communicate by utilizing both text message and zoom. The plan is to meet on Tuesdays and Thursdays from 10:00 am to 11:00 am, where we have team zoom meetings. For these meetings we plan to meet in a hybrid setting of both in person and remote. We use our text message group chat to discuss future plans for the project and whether our meetings will be held in person or remote.

Meeting Plan:
- Tuesday & Thursday Team Meeting: 10-11am (in-person / Zoom depending on availability)
- Tuesday Standup Meeting: 5:15-5:30pm (Zoom)

Proposed Architecture Plan: Our front end will be a combination of HTML, CSS, and Javascript. In the middle, we will primarily be using Node.js, although we may use a bit of python if necessary. Finally, for the backend, we will be using SQL.
HTML + CSS + JS <-> Node.js <-> SQL

Use Case Diagram: