

Cooking Special

- CSE 403 Project Proposal
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- **Description**

- The project involves searching through weekly special advertisements from major grocery stores and making a recipe based on specials (i.e. cheap food) and potentially given ingredients.
 - Weekly specials from major grocery stores like Albertsons[®], Safeway[®], and QFC[®] are available in a text parse-able format.
 - There are databases for recipes as well as parse-able recipe databases available from a number of websites.

Project Details

- **Motivation**

- Cheap food easily is an issue for everyone especially college students.
- Manually searching through newspaper advertisements (or their equivalent web versions) to find cheap food items that can constitute a healthy recipe can be difficult (if not impossible).

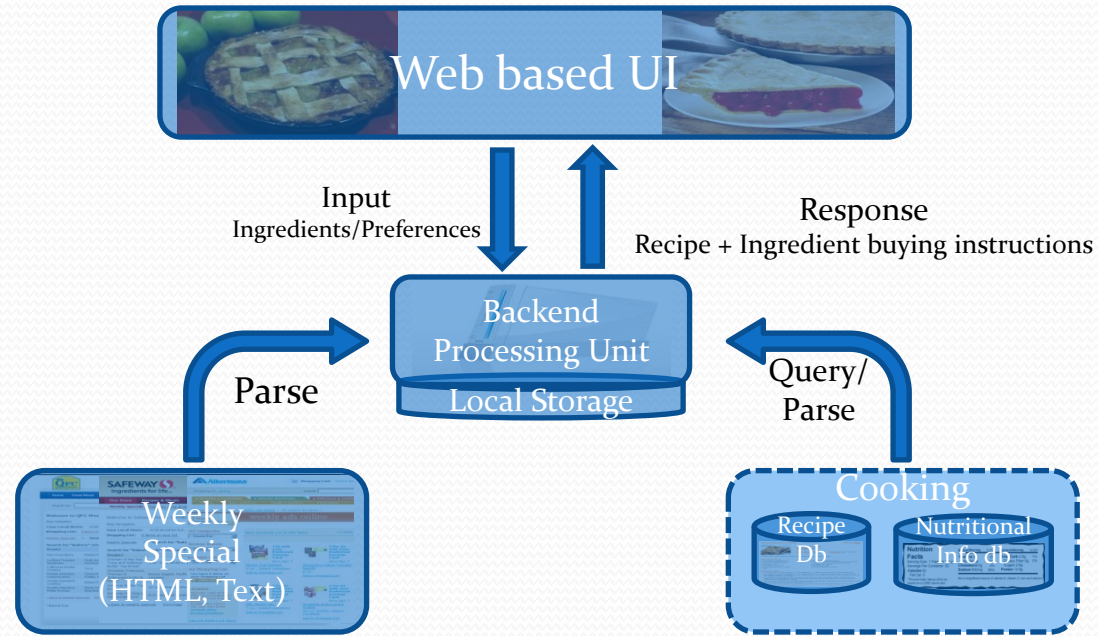
- **Alternatives**

- Hiring a personal chef + weekly special searcher
- Searching through weekly special ads and correlating it with recipe ingredients and what you have in the cupboard

Components and Risks

- **Components**

- User Interface design
- Searching and matching across multiple databases
- Script based parsing which can be easily updated when weekly special webpage layout changes



- **Anticipated Risks and Problems**

- Parsing the websites and keeping the parser up to date.
- Losing base functionality by including too many features during development
- User Interface Dependent (intuitive and non-cluttered)