

UIUC CS 410 – Project Progress Report

Customized Dish Recommendation at Restaurants Using Yelp Reviews and BestDish.py

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It has been a while since we started working on this project. We spent about 8 hours per week on this project and we are a bit behind our original schedule.

Milestones

Week#	Task	Workload	Status
Week9	Finalized project topic; dataset; project proposal	5h	Done
Week10	Finish data pre-processing; Identify Dish names	8h	Done
Week11	Finish Sentiment Analysis	8h	Pending
Week12	Publish BestDish.py v1.0, finish the project progress report	10h	Partially Done
Week13	Design cold start questions; Implement collaborative filtering.	8h	
Week14	Publish BestDish.py v2.0, finish the project final report	10h	

Below is the summary of the questions that need to be answered in the progress report.

1) Which tasks have been completed?

- Extracted merchant data and review data from compressed Json file obtained from Yelp website
- Filtered merchant data and found the restaurants within those shops
- Built dish database from dish names based on dish origin countries from online resources

2) Which tasks are pending?

- To train the NLP model
- To provide recommendations for dish selection based on Yelp review

3) Are you facing any challenges?
Not quite

To catch up on the delivering deadline, we revised the schedule in the following weeks and will spend more time on this project.

Week13	Publish BestDish.py v1.0	8h	
Week14	Design cold start questions; Implement collaborative filtering.	10h	
Week15	Publish BestDish.py v2.0, finish the project final report	10h	