Project Summary

Team #: 13-05
Team Name: Fruit Leather
Project Title: Rechef - when you need to know what to cook
Team Members: Ferin Von Reich, Ian Mckibben, Carson Syberg, Rachel Mcminn, Md Mahmud, Daunte

General Summary

Our web app takes user-inputted ingredients and returns a list of recipes that you can cook with the given ingredients. We web scrape recipes to find the necessary ingredients and compare them against user inputted ingredients, returning the closest matches first. This lets users save time by getting the recipe directly instead of them having to search the internet manually given their ingredients. Furthermore, it will allow them to have a wider variety of selection, as they will be recommended recipes that they have never made or heard of before.

Video: **https://youtu.be/R5KJ9Ujlxzs**
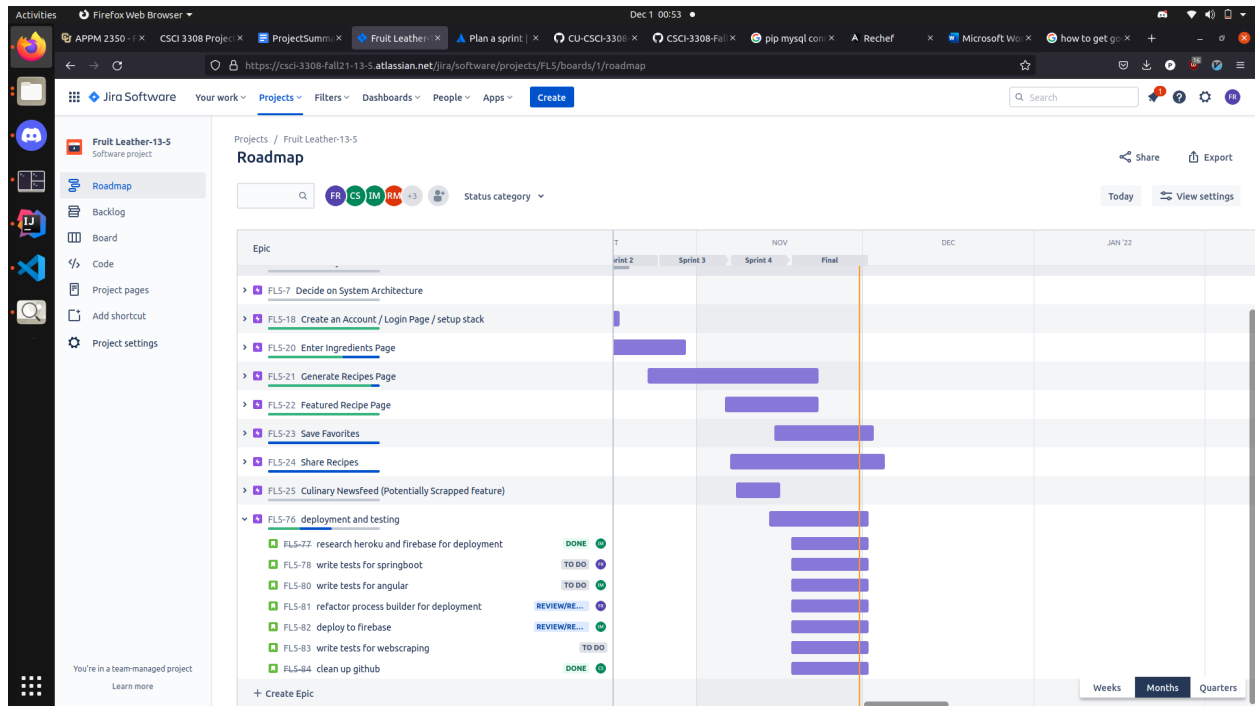
Github Link: **https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-013-05**

Deployment Link: https://rechef-f4067.web.app

Project Tracker:

Jira Board (comprehensive screenshots not included for size, please follow the link):
https://csci-3308-fall21-13-5.atlassian.net/jira/software/projects/FL5/boards/1/roadmap

Screenshot below

Individual Contributions

Carson Syberg
- Created initial wireframes and database. Worked on user acceptance testing plans, researched connecting spring boot with recipes database. Connected webscraping to database entry. Worked on integrating the web scraper and the springboot app.

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Rachel McMinn
- Researched integration, worked on front end for ingredients page, home page, featured recipes page, and login

Md Mahmud
- Research multiple ways to webscrape. Created web scraping module using scrapy for python that scraped simplyrecipes.com and allrecipes.com recipes into a json format.

main

Commits on Nov 29, 2021

Added more documentation to how scrapy works
emdee52 committed 1 hour ago   Verified   b243898   <>

Added more documentation to how scrapy works
emdee52 committed 1 hour ago   Verified   d7e6dc1   <>

Commits on Nov 28, 2021

Update requirements.txt
emdee52 committed yesterday   Verified   ecf9681   <>

Commits on Nov 11, 2021

Updated to make it run upto a certain amount
emdee52 committed 18 days ago   Verified   0427f19   <>

Update __init__.py
emdee52 committed 18 days ago   Verified   4a94c55   <>

Update README.md
emdee52 committed 18 days ago   Verified   dda4bc7   <>

Update README.md
emdee52 committed 18 days ago   Verified   1719250   <>

Upload scrapy_crawler backup
emdee52 committed 18 days ago   Verified   38190d6   <>

Update scrapy call
emdee52 committed 18 days ago   Verified   617eaf9   <>

For simply_crawler
emdee52 committed 18 days ago   Verified   e134bdc   <>

Updated to run scrapy through this file
emdee52 committed 18 days ago
Verified   c3da36c   <>

Commits on Oct 29, 2021

Add files via upload
emdee52 committed on Oct 29
Verified   f2b2d60   <>

Uploaded scraper for allrecipes.com
emdee52 committed on Oct 29
Verified   180531b   <>

Deleting since filepath is wrong
emdee52 committed on Oct 29
Verified   aaabbe0   <>

Uploaded allrecipes_scraper ...
emdee52 committed on Oct 29
Verified   54ea086   <>

Deleting old version of simply_scraper ...
emdee52 committed on Oct 29
Verified   0f77c8a   <>

Uploading new version of simply scraper ...
emdee52 committed on Oct 29
Verified   c8d0586   <>

Added scrapy-deltafetch as a requirement
emdee52 committed on Oct 29
Verified   591667e   <>

Commits on Oct 21, 2021

uploaded json file w/ scraped recipes
emdee52 committed on Oct 21
Verified   e8058ef   <>

added json output
emdee52 committed on Oct 21
Verified   f881a64   <>

Commits on Oct 15, 2021

Create __init__.py
emdee52 committed on Oct 15
Verified   65dc3f9   <>

Update __init__.py
emdee52 committed on Oct 15
Verified   df96035   <>

Commits on Oct 14, 2021

Added example scraping logs and scraped results
emdee52 committed on Oct 14
Verified   62d05f9   <>

Merge pull request #3 from CU-CSCI-3308-Fall-2021/scraping ...
emdee52 committed on Oct 14
Verified   7df8684   <>

Create README.md
emdee52 committed on Oct 14
Verified   0af5ff8   <>

Removed redundant info from scraper
emdee52 committed on Oct 14
Verified   c8c4213   <>

Add files via upload
emdee52 committed on Oct 14
Verified   71e178c   <>

Delete simplyrecipes.jl
emdee52 committed on Oct 14
Verified   9649aba   <>

Add files via upload
emdee52 committed on Oct 14
Verified   def5fc1   <>

Create simplyrecipes.jl
emdee52 committed on Oct 14
Verified   0b7ffd4   <>

Newer   Older

Daunte Mascotti
- Researched methods of web scraping and general rules that needed to be followed.
- Created a web scraping tool using the BeautifulSoup python library that exported necessary recipe information into a txt format.
- Researched multiple recipe websites in order to find the most reliable and easiest site to extract information from.

- Assisted in researching methods to scrape the recipe website on a schedule

Ferin Von Reich
- Technologies: Spring Boot, MySQL, Scrapy,
- Worked on backend queries and logic (mysql, springboot) for most features including login, get recipes, enter recipes, etc
  - interesting features include spell checking user input and using parameterized inputs to prevent sql injection.
- Worked on json to database parsing and insertion with python
- Implemented integration of springboot and webscraping using java process builders and springboot scheduler
- Team scribe in meetings and wrote the majority of milestones
- Note: worked locally multiple times

Commits on Nov 18, 2021

adding milestone 6
FerntheFlerm2 committed 12 days ago   943aefe   <>

Commits on Nov 11, 2021

Merge branch 'main' of github.com:CU-CSCI-3308-Fall-2021/CSCI-3308-Fa... ...
FerntheFlerm2 committed 19 days ago   07ea50a   <>

preventing mysql row duplication on scrape
FerntheFlerm2 committed 19 days ago   8dd7bfb   <>

Merge branch 'main' of github.com:CU-CSCI-3308-Fall-2021/CSCI-3308-Fa... ...
FerntheFlerm2 committed 19 days ago   6bc9f23   <>

random
FerntheFlerm2 committed 19 days ago   2f7125d   <>

Merge pull request #8 from CU-CSCI-3308-Fall-2021/scraping ...
FerntheFlerm2 committed 19 days ago   Verified   3b20186   <>

Commits on Nov 9, 2021

Update README.md
FerntheFlerm2 committed 22 days ago   Verified   338e5c8   <>

Commits on Nov 8, 2021

milestone 5
FerntheFlerm2 committed 22 days ago   b00edd9   <>

updating query work
FerntheFlerm2 committed 22 days ago   f0ef48d   <>

updated database creation script
FerntheFlerm2 committed 22 days ago   6c6c5e2   <>

Commits on Nov 5, 2021

Update queryingResearch.txt
FerntheFlerm2 committed 26 days ago   Verified   8a4ed41   <>

Update queryingResearch.txt
FerntheFlerm2 committed 26 days ago   Verified   6184f8a   <>

Commits on Oct 29, 2021

fixed milestone 4
FerntheFlerm2 committed on Oct 29   15f78d6   <>

milestone and log
FerntheFlerm2 committed on Oct 29   cde4bda   <>

adding my research
FerntheFlerm2 committed on Oct 29   39db949   <>

rm extra file
FerntheFlerm2 committed on Oct 29   c553081   <>

adding test data
FerntheFlerm2 committed on Oct 29   e408174   <>

Ian McKibben
- Did front end development
- Did back end development
- Created logic which takes in user input from html, parses it, then passes to Spring Boot to retrieve recipes
- Created back end logic to return recipes, as well as handle creation and logging in of users

- Worked on database creation script
- Set up hosting on Firebase
- Technologies: Angular, Spring Boot, MySQL, Firebase
- Contributed to get recipe, login user, register user, display recipes

Commits: **NOTE: Meeperbunny and IanMckibb are both me, I forget to switch accounts, and a lot of commits are in deleted branches for feature development, but the merges should contain all the relevant changes**

Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI... ... Meeperbunny committed yesterday	366deee	<>
Basic Done Meeperbunny committed yesterday	3f83a6a	<>
Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI... ... **Meeperbunny** committed yesterday	8587814	<>
Cleaned up featured Meeperbunny committed yesterday	871dd49	<>
Cleaned homepage Meeperbunny committed yesterday	fc1ffd9	<>
Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI... ... Meeperbunny committed yesterday	379336c	<>
Pushing other changes Meeperbunny committed yesterday	638151f	<>
T Meeperbunny committed 12 days ago	fb98cd7	<>
Changed json and user models to fit Meeperbunny committed 13 days ago	c64fc39	<>
Display working Meeperbunny committed 14 days ago	62d1957	<>

Commits on Nov 12, 2021

Reverse query working Meeperbunny committed 18 days ago	fedcd33	<>

Commits on Nov 11, 2021

Created recipe and ingredient model Meeperbunny committed 19 days ago	a0fc550	<>

Did stuff Meeperbunny committed 20 days ago		240d5f8	<>
Merge pull request #5 from CU-CSCI-3308-Fall-2021/recipe_query ... IanMckibb committed 20 days ago	Verified	3fea356	<>
Merge branch 'main' into recipe_query IanMckibb committed 20 days ago	Verified	1802a38	<>
Merged Meeperbunny committed 20 days ago		5f3ff0e	<>
Merged Meeperbunny committed 20 days ago		6494a27	<>

Commits on Nov 9, 2021

Finished add recipes feature without login functionality Meeperbunny committed 21 days ago	a632cf1	<>

Attempting to change body structure of IngredientObject

Meeperbunny committed 22 days ago ea7e203 <>

NOT FINISHED

Meeperbunny committed on Oct 29 75ac1fd <>

Merge branch 'feature-new-app'

Meeperbunny committed on Oct 27 747d619 <>

Updating

Meeperbunny committed on Oct 25 a303597 <>

Updating

Meeperbunny committed on Oct 25 a303597 <>

Commits on Oct 15, 2021

Basic working now

Meeperbunny committed on Oct 15 a3a5f6a <>

Login works

Meeperbunny committed on Oct 15 8a05cf0 <>

Working now

Meeperbunny committed on Oct 15 d6dd9c7 <>

Commits on Oct 14, 2021

Added new app

Meeperbunny committed on Oct 14 58dc109 <>

Fixed typo

Meeperbunny committed on Oct 14 1061db7 <>

Added requests, just need url link and call names to finish

Meeperbunny committed on Oct 10 122fbec <>

Updated login, register and home, restructured navbar and added routing

Meeperbunny committed on Oct 10 c1e3c1a <>

Merge pull request #1 from CU-CSCI-3308-Fall-2021/ian/PR-demo ...

IanMckibb committed on Oct 4 Verified 21297a2 <>

Updated app.component.html

Meeperbunny committed on Oct 4 ffb2ad6 <>

Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI... ...

Meeperbunny committed on Oct 4 496233c <>

Created register, login, home components

Meeperbunny committed on Oct 4 44b1982 <>

Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI... ...

Meeperbunny committed on Sep 27 ad2e8b5 <>

Created angular project

Meeperbunny committed on Sep 27 c0af673 <>

Fixed typo

Meeperbunny committed on Oct 14 1061db7 <>