

## Milestone 7

**Title:** Green Machine

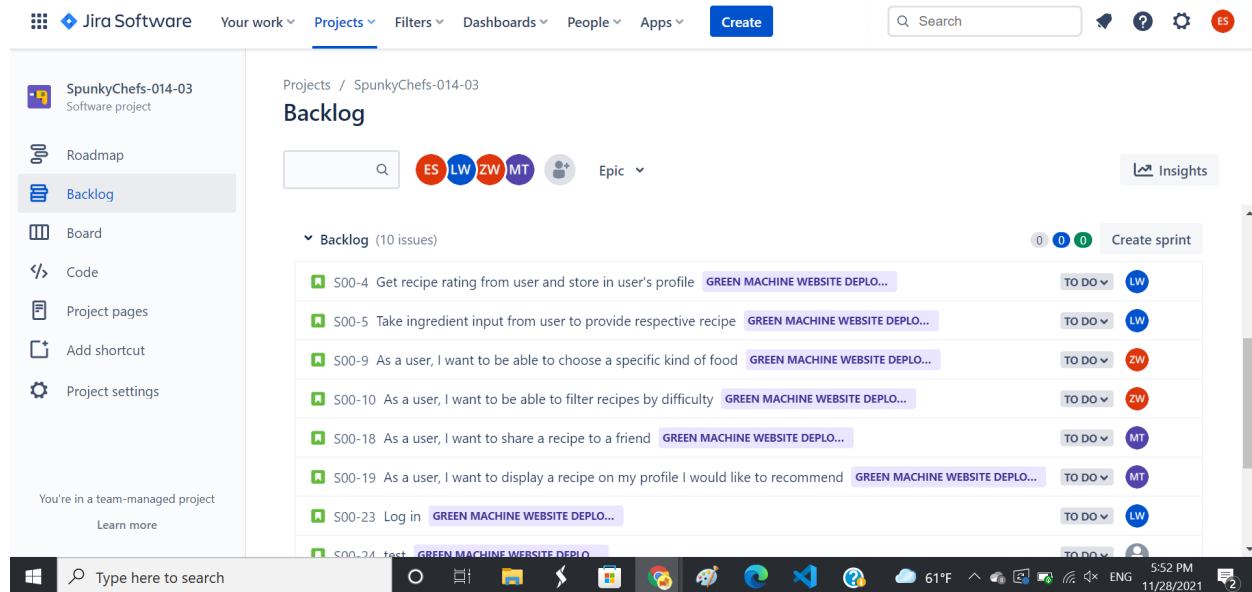
**Who:** Sawyer Bass, Michael Truong, Liz Shan, Laura White, Zion Washington

**Project Description:** While brainstorming about project ideas, our group wanted to make something productive and healthy for the Earth. Green Machine is a recipe generator (in the form of a website) made to promote sustainability and discourage waste amongst households. To start, the user enters ingredients that they have in their home and would like to use (rather than throw away). These ingredients can be absolutely anything one has lying in their pantry. Once the user is finished entering their ingredients, they can click on 'Generate Recipe' and will be matched to a recipe that will use at least one of the ingredients they put into the generator. Green Machine always outputs the recipe that has the highest number of ingredients that match with the user input. This makes it so that our users can maximize their sustainability! We also took into account multiple heuristics and implemented specific features for user convenience. Examples of these include the 'Back to Home' button for ease of returning to generate more recipes as well as a 'clear ingredients' button, in case the user changes their mind about an ingredient they entered. Furthermore, there is also an error page in the event that our database cannot properly output a recipe with the given ingredients.

### **Project Tracker:**

For our project tracker we used JIRA

JIRA Board: <https://csci-3308-fall2-014-03.atlassian.net/jira/software/projects/S00/boards/1>



### **Video:**

<https://drive.google.com/file/d/1mGV1AJNtyt7Lr5GEuNlm2TpCWkCDEihg/view?usp=sharing>

### **Deployment:**

Since public deployment was not a requirement, our group decided to stick with hosting the app locally. This was accomplished through docker. We used the following commands in our terminal:

- Starting project locally: docker-compose up
- Stopping project locally: docker-compose down --volumes

**VCS:** <https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-014-03.git>

### **Contributions:**

**Zion Washington:** Designed each page of the front end. Helped with construction of the database as well as multiple features of the website (buttons, forms). Also inputted recipes into the database.

**Laura White:** Used node.js to write code that gets the matching recipe by comparing the user's ingredients with the database recipes and displays matching recipes to the user.

**Liz Shan:** Project tracker

**Sawyer Bass:** Did work mainly on post and get requests used in projects to store and fetch ingredients, as well as, linking between pages and debugging lots of random issues.

**Michael Truong:** Helped with construction of the database as well but through zoom as a team therefore the lack of commits.

Found commits by member by using `git shortlog -s -n --all --no-merges`

```
29  lizzzzshan
22  SGB9898
20  LauraWhite-debug
19  zionwashington
11  Laura White
3   Tzu-Chi Yen
2   Michael Truong
1   michaeltruongs
1   nikitamenon97
```

Commits on Nov 28, 2021

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

lizzzshan committed 22 hours ago

2d30fc7

adding all our test cases

lizzzshan committed 22 hours ago

414b4f1

DEMO VIDEO

zionwashington committed 22 hours ago

Verified

90e9361

Update README.md

zionwashington committed 22 hours ago

Verified

3638fcd

Delete Code and Documentation directory

zionwashington committed 22 hours ago

Verified

46f966c

Delete Meeting Logs directory

zionwashington committed 22 hours ago

Verified

e0e7797

Commits on Nov 19, 2021

final

zionwashington committed 10 days ago

9eb7c40

add 4 images to match 4 added recipes

SGB9898 committed 11 days ago

Verified

c533137

Add 4 recipes

SGB9898 committed 11 days ago

Verified

f4034f2

Commits on Nov 18, 2021

clear and append buttons to home

SGB9898 committed 11 days ago

Verified

7c0e802

deleted ingredients table, not needed

Laura White authored and Laura White committed 11 days ago

972d50b

cleaned up files a bit

Laura White authored and Laura White committed 11 days ago

e4ee7bc

added more recipes

lizzzshan committed 12 days ago

6ea87c7

Commits on Nov 17, 2021

added more recipes

Laura White authored and Laura White committed 12 days ago

35df4cc

added more recipes

Laura White authored and Laura White committed 12 days ago

3a47c62

Commits on Nov 15, 2021		
<b>Add files via upload</b> lizzzshan committed 14 days ago	Verified	7e27538
<b>added grilled cheese yum</b> lizzzshan committed 14 days ago		6e97e98
<b>added in more recipes</b> lizzzshan committed 14 days ago		a78aae8
<b>added more recipes</b> Laura White authored and Laura White committed 14 days ago		ddf2b4b
<b>Added error page</b> zionwashington committed 14 days ago		775f520
<b><a href="#">Back to Home button formatted properly</a></b> zionwashington committed 14 days ago		80900ad
<b>Formatting Fixed</b> zionwashington committed 14 days ago		ea9f62d
Commits on Nov 14, 2021		
<b>adding blurb + updated ingredients back in (confirmed working)</b> lizzzshan committed 15 days ago		9863696
<b>Revert "added recipe instructions, quantity, updated ingredients in t..."</b> lizzzshan committed 15 days ago		5d3e391

Commits on Nov 12, 2021		
<b>added recipe instructions, quantity, updated ingredients in table</b> lizzzshan committed 17 days ago		6d13d35
<b>blurb and quantities show</b> Laura White authored and Laura White committed 17 days ago		5c82563
<b>during lab</b> Laura White authored and Laura White committed 17 days ago		39e0647
<b>commented out code</b> zionwashington committed 17 days ago		31501f1
Commits on Nov 8, 2021		
<b>updates</b> zionwashington committed 21 days ago		5c18d14
Commits on Nov 7, 2021		
<b>More front end changes</b> zionwashington committed 22 days ago		204c8c9
<b>Front end changes</b> zionwashington committed 22 days ago		199ac63
Commits on Nov 5, 2021		
<b>friday meeting</b> Laura White authored and Laura White committed 24 days ago		f755f39
Commits on Nov 4, 2021		
<b>updates corresponding photo</b> Laura White authored and Laura White committed 25 days ago		96a7f92

Commits on Nov 3, 2021		
<b>generates a recipe</b> Laura White authored and Laura White committed 26 days ago		d8ca5c5
Commits on Nov 2, 2021		
<b>changed server and home</b> zionwashington committed 27 days ago		8f0416b

Commits on Nov 2, 2021			
Delete veggieBackground.jpeg	zionwashington committed 27 days ago	Verified	badcc8d
Add files via upload	zionwashington committed 27 days ago	Verified	875910d
Add files via upload	LauraWhite-debug committed 27 days ago	Verified	638afd8
Add files via upload	LauraWhite-debug committed 27 days ago	Verified	92fa7f5
Commits on Nov 1, 2021			
fix merge conflicts	juniperty committed 28 days ago	Verified	369dc5e
not many edits (mostly on create.sql)	juniperty committed 28 days ago	Verified	4d7d786
clear ingredients button	SGB9898 committed 28 days ago	Verified	0a066a7
Add post req clear-ingredients	SGB9898 committed 28 days ago	Verified	abcd6ca
Delete fakeData.sql	SGB9898 committed 28 days ago	Verified	8ae3292
Add files via upload	LauraWhite-debug committed 28 days ago	Verified	ba0af6f

Commits on Oct 31, 2021			
Add files via upload	LauraWhite-debug committed 29 days ago	Verified	11bb548
Add files via upload	LauraWhite-debug committed 29 days ago	Verified	00666e8
Commits on Oct 30, 2021			
Add files via upload	SGB9898 committed on Oct 30	Verified	33404d9
Add files via upload	SGB9898 committed on Oct 30	Verified	e259698
Delete index.html	SGB9898 committed on Oct 30	Verified	ed93a46
Add files via upload	SGB9898 committed on Oct 30	Verified	e41add6
Delete greenMachineHome.ejs	SGB9898 committed on Oct 30	Verified	542d550
Add ejs for recipes	SGB9898 committed on Oct 30	Verified	a923582
Delete recipes.html	SGB9898 committed on Oct 30	Verified	818ec2a
Delete index.html	SGB9898 committed on Oct 30	Verified	0805bd3

Commits on Oct 29, 2021

Add files via upload

LauraWhite-debug committed on Oct 29

Verified

4166ee1

<>

Add files via upload

LauraWhite-debug committed on Oct 29

Verified

9b789e7

<>

Add files via upload

LauraWhite-debug committed on Oct 29

Verified

f58df10

<>

Add files via upload

LauraWhite-debug committed on Oct 29

Verified

8486970

<>

Add files via upload

lizzzshan committed on Oct 29

Verified

d64ebbf

<>

Add files via upload

zionwashington committed on Oct 29

Verified

612fa63

<>

Add files via upload

LauraWhite-debug committed on Oct 29

Verified

203189a

<>

Add files via upload

LauraWhite-debug committed on Oct 29

Verified

e2fd043

<>

change to ingredients table only

SGB9898 committed on Oct 29

Verified

6ccc547

<>

Commits on Oct 28, 2021

update files

juniperty committed on Oct 28

Verified

fdb4adb

<>

Commits on Oct 25, 2021

files added; make sure to read commit log

juniperty committed on Oct 25

Verified

d812427

<>

added test database registration

lizzzshan committed on Oct 25

60ef439

<>

Commits on Oct 18, 2021

updated php

lizzzshan committed on Oct 18

37f1916

<>

added php page for register page

lizzzshan committed on Oct 18

8a7667f

<>

added open modal to recipes page

lizzzshan committed on Oct 18

2683739

<>

Commits on Oct 18, 2021

updated DB vegan ingredients

lizzzshan committed on Oct 18

326ab53

<>

Commits on Oct 15, 2021

Add files via upload

LauraWhite-debug committed on Oct 15

Verified

ab0b514

<>

Add files via upload

LauraWhite-debug committed on Oct 15

Verified

e6af76f

<>

Very basic nav bar

SGB9898 committed on Oct 15

Verified

8097906

<>

Add files via upload

lizzzshan committed on Oct 15

Verified

2390970

<>

3 Tables of Fake Data

michaeltruongs committed on Oct 15

Verified

8027ae3

<>

changed colors of cards

lizzzshan committed on Oct 15

cfc580e

<>

Commits on Oct 14, 2021

added header font that fits theme  
lizzzshan committed on Oct 14

Commits on Oct 13, 2021

landing page, login button doesnt work  
michaeltruongs committed on Oct 13

Commits on Oct 12, 2021

Add files via upload  
LauraWhite-debug committed on Oct 12

Commits on Oct 11, 2021

HomepageBackground  
zionwashington committed on Oct 11

Add files via upload  
LauraWhite-debug committed on Oct 11

Add files via upload  
SGB9898 committed on Oct 11

Add files via upload  
LauraWhite-debug committed on Oct 11

Add files via upload  
LauraWhite-debug committed on Oct 11

Add files via upload  
LauraWhite-debug committed on Oct 11

Add files via upload  
SGB9898 committed on Oct 11

Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI...  
lizzzshan committed on Oct 11

added recipes page in views  
lizzzshan committed on Oct 11

Add files via upload  
zionwashington committed on Oct 11

Add files via upload  
LauraWhite-debug committed on Oct 11

Commits on Oct 1, 2021

Adding wireframe for registration page  
SGB9898 committed on Oct 1

Add files via upload  
lizzzshan committed on Oct 1

Delete Milestone 2.pdf  
lizzzshan committed on Oct 1

Add files via upload  
lizzzshan committed on Oct 1

Add files via upload  
lizzzshan committed on Oct 1


Add files via upload  
LauraWhite-debug committed on Oct 1

Wireframes  
zionwashington committed on Oct 1

Added Green Machine Logo  
michaeltruongs committed on Oct 1

Commits on Sep 20, 2021

Delete Milestone1.pdf

 lizzzshan committed on Sep 20


Verified



dec87d3



Add files via upload

 lizzzshan committed on Sep 20


Verified



b9de95f



Delete delete

 lizzzshan committed on Sep 20


Verified



b884759



Add files via upload

 lizzzshan committed on Sep 20


Verified



75a4cef



Create delete

 lizzzshan committed on Sep 20


Verified



a65f016



Delete test3.txt

 lizzzshan committed on Sep 20

Verified




fad4451



Commits on Sep 17, 2021

Create test3.txt

 SGB9898 committed on Sep 17

Verified



9450d4f



Create test2.txt

 SGB9898 committed on Sep 17

Verified



49ac431



Create test.txt

 SGB9898 committed on Sep 17

Verified



4746046



Commits on Sep 6, 2021

Initial commit

 nikitamenon97 committed on Sep 6

Verified



ea68f39

