

README

This is the README for Recivery APP.

Team Member

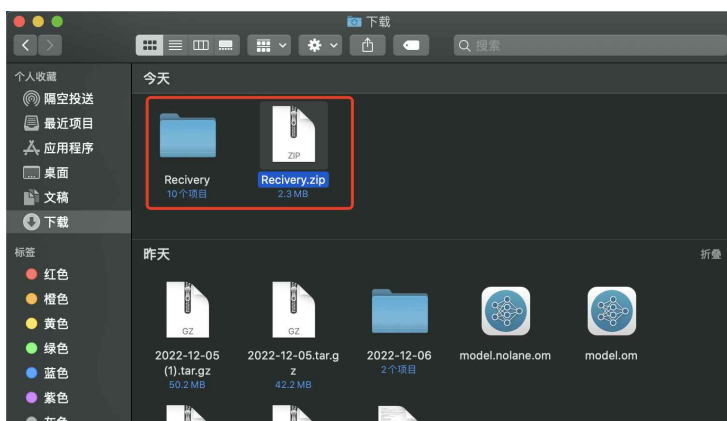
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Demo Video

https://www.youtube.com/watch?v=z0OuTN30_XY

Install

1. Unzip the file



2. Enter the folder

```
1 cd Recivery
```

```
-bash
Last login: Tue Dec 6 20:57:07 on ttys002

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
(base) redstone:~ yanjun$
(base) redstone:~ yanjun$ cd /Users/yanjun/Downloads/
(base) redstone:Downloads yanjun$
(base) redstone:Downloads yanjun$ cd Recivery
(base) redstone:Recivery yanjun$
```

3. Install additional Python modules

```
1 pip install -r requirements.txt
```

```
-bash
Last login: Tue Dec 6 21:12:16 on ttys002

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
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(base) redstone:~ yanjun$
(base) redstone:~ yanjun$
(base) redstone:~ yanjun$ cd /Users/yanjun/Downloads/
(base) redstone:Downloads yanjun$
(base) redstone:Downloads yanjun$ cd Recivery
(base) redstone:Recivery yanjun$
(base) redstone:Recivery yanjun$ pip install -r requirements.txt
```

4. Install another Python modules

```
1 python -m pip install lxml
```

```
-bash
Last login: Tue Dec 6 21:12:16 on ttys002

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
(base) redstone:~ yanjun$
(base) redstone:~ yanjun$
(base) redstone:~ yanjun$ cd /Users/yanjun/Downloads/
(base) redstone:Downloads yanjun$
(base) redstone:Downloads yanjun$ cd Recivery
(base) redstone:Recivery yanjun$
(base) redstone:Recivery yanjun$ python -m pip install lxml
Requirement already satisfied: lxml in /opt/anaconda3/lib/python3.7/site-packages (4.5.0)
(base) redstone:Recivery yanjun$
```

Run

5. Run the APP

```
1 python3 ui.py
```

```
python3
Last login: Tue Dec 6 20:57:07 on ttys002

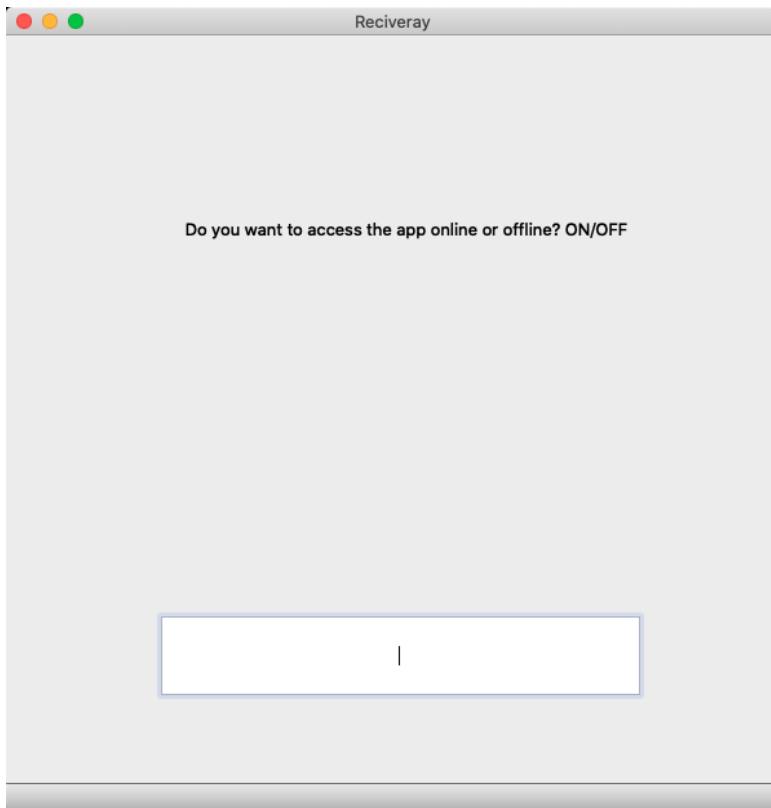
The default interactive shell is now zsh.
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(base) redstone:~ yanjun$
(base) redstone:~ yanjun$ cd /Users/yanjun/Downloads/
(base) redstone:Downloads yanjun$
(base) redstone:Downloads yanjun$ cd Recivery
(base) redstone:Recivery yanjun$
(base) redstone:Recivery yanjun$ python3 ui.py
```

6. Choose Online/Offline Mode

a. INPUT: **ON / OFF**

- i. ON (online): Use web scraping to get the latest data
- ii. OFF (offline): Use downloaded data

b. PRESS: **RETURN**

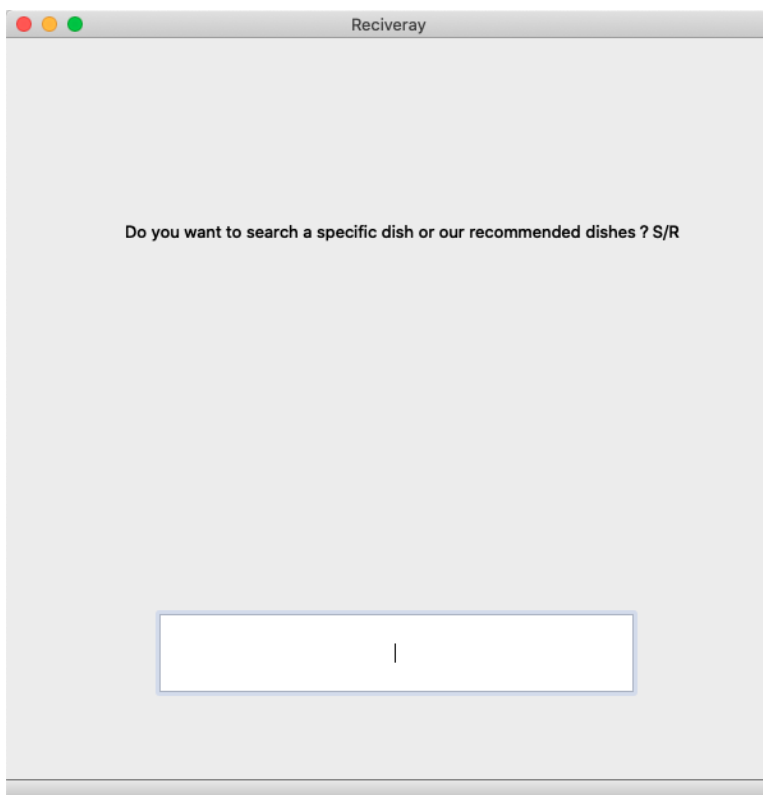


7. Choose Search/Recommend Mode

a. INPUT: **S / R**

- i. S (search): Search for a dish
- ii. R (recommend): Recommend a dish

b. PRESS: **RETURN**

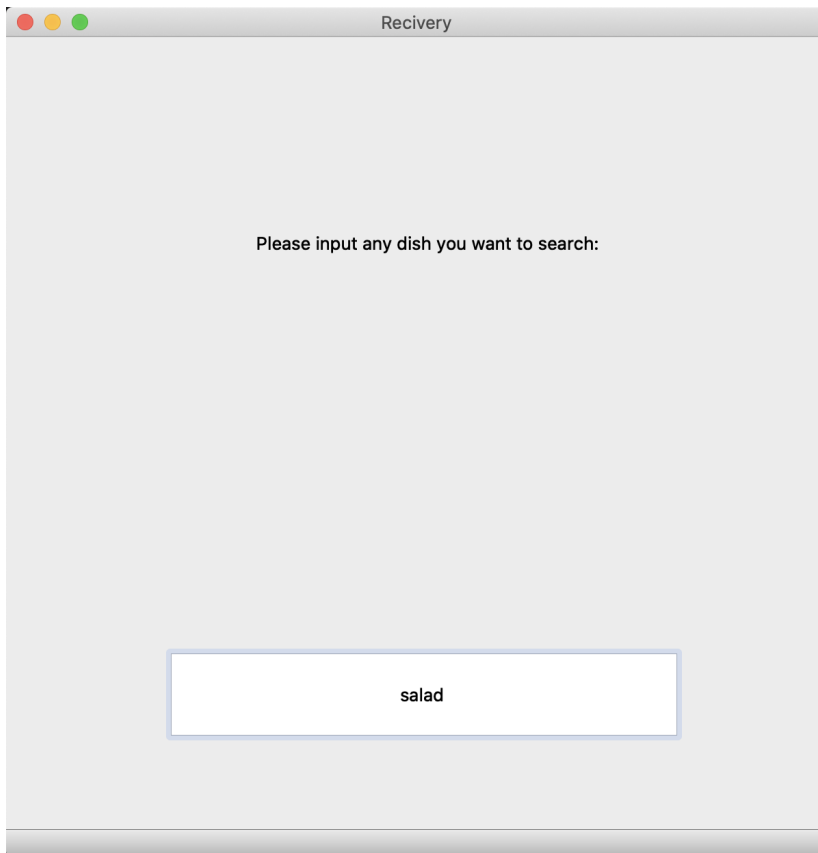


8. [Only Search Mode] Input the dish you want to search

a. INPUT: **Dish name**

i. For example: salad

b. PRESS: **RETURN**

A screenshot of a web application window titled "Recivery". The window has a light gray background. In the center, there is a text prompt: "Please input any dish you want to search:". Below this prompt is a white rectangular input field with a thin blue border. Inside the input field, the word "salad" is typed in a small, black, sans-serif font. The window has standard macOS-style window controls (red, yellow, and green buttons) in the top-left corner.

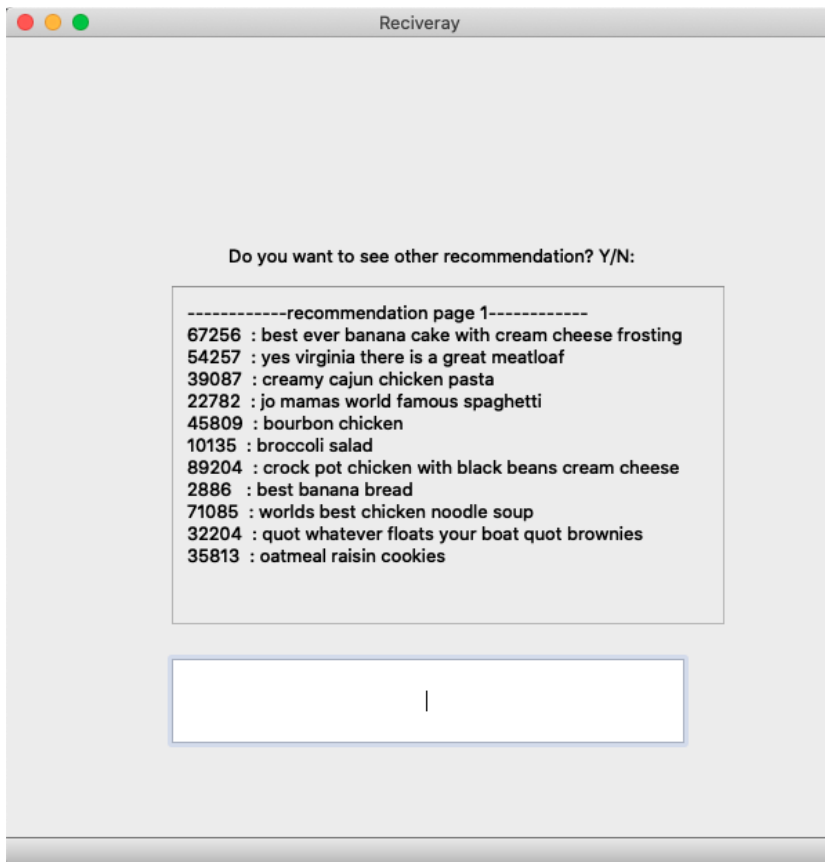
9. Choose whether to see other recommendation/search result

a. INPUT: **Y / N**

i. Y (yes): See other recommendation/search result

ii. N (no): Do not see other recommendation/search result

b. PRESS: **RETURN**

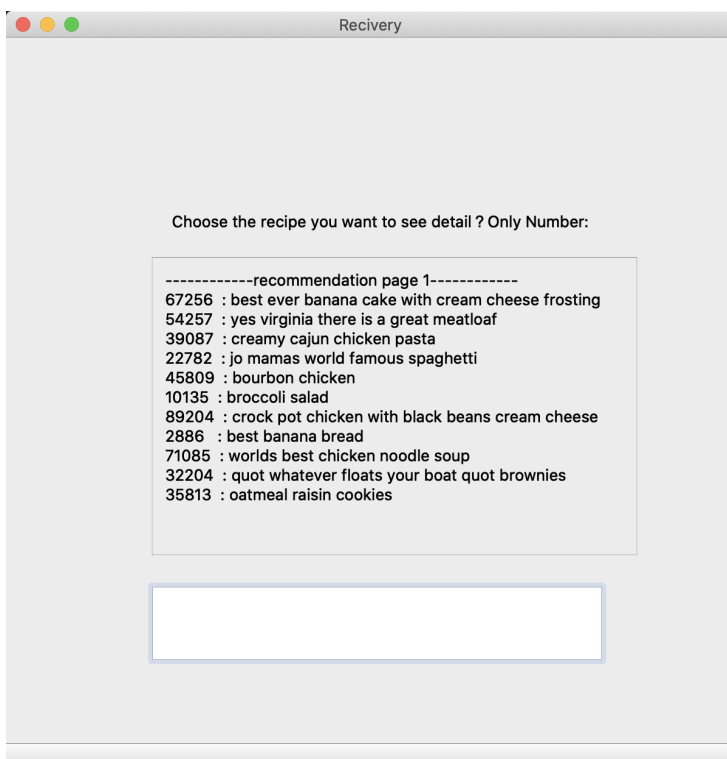


10. Choose the recipe you want to see in detail

a. INPUT: **Number**

i. For example: 35813

b. PRESS: **RETURN**



11. Choose whether to buy the ingredient

a. INPUT: **Y / N**

- i. Y (yes): Buy
- ii. N (no): Do not buy

b. PRESS: **RETURN**

The screenshot shows a terminal window with a title bar containing three colored buttons (red, yellow, green) and the text 'Recovery'. The main content area is light gray and contains the following text:

Do you want to buy the ingredients and try it? Y/N:

-----Cheesy Bacon Broccoli Salad-----
recipe id : 10135
author : lee3789
description : "This recipe is so tasty. It's simple to make and goes
cooking time : 15mins
ingredients : 8
-----directions-----
1 mix dressing ingredients on high speed.
2 mix the dressing in with the salad and its ready to go.
3 my kids love this salad.
-----ingredients-----
head broccoli , cut in bite size
red onion
19.71 ml cheddar cheese
39.43 ml mayonnaise

12. Input the address

a. INPUT: **Address**

- i. For example: 518 SHADY AVE, PITTSBURGH, PA

b. PRESS: **RETURN**

Recivity

Please input your address so that we can recommend the best grocery stores:

13. Choose the grocery stores you want to see in detail
- a. Close Figure 1 Window

b. INPUT: **Number**

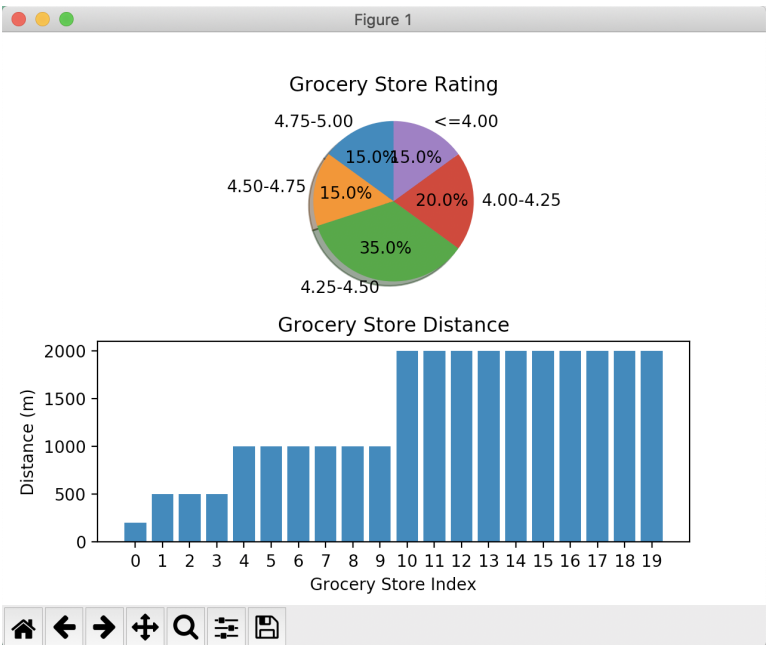
i. For example: 0,1,2,3

c. PRESS: **RETURN**

Recivity

Choose the grocery stores you want to see detail ? Only Numbers (divide with ,) :

index	grocery store	rating
0	R Market	4.1
1	Giant Eagle Supermarket	4.0
2	Trader Joe's	4.6
3	Tokyo Japanese Food Store	4.5
4	Market District Supermarket	4.3
5	Target Grocery	4.0



14. Choose whether to see the food keep advice for the ingredients
- a. INPUT: **Y / N**

i. Y (yes): See

ii. N (no): Do not see

b. PRESS: **RETURN**

Recivity

Do you want to know how to keep the ingredients? Y/N:

index	grocery store	rating
0	R Market	4.1
1	Giant Eagle Supermarket	4.0
2	Trader Joe's	4.6
3	Tokyo Japanese Food Store	4.5

15. Choose the ingredients to see food keep advice

a. INPUT: **Number**

i. For example: 5,7,8

b. PRESS: **RETURN**

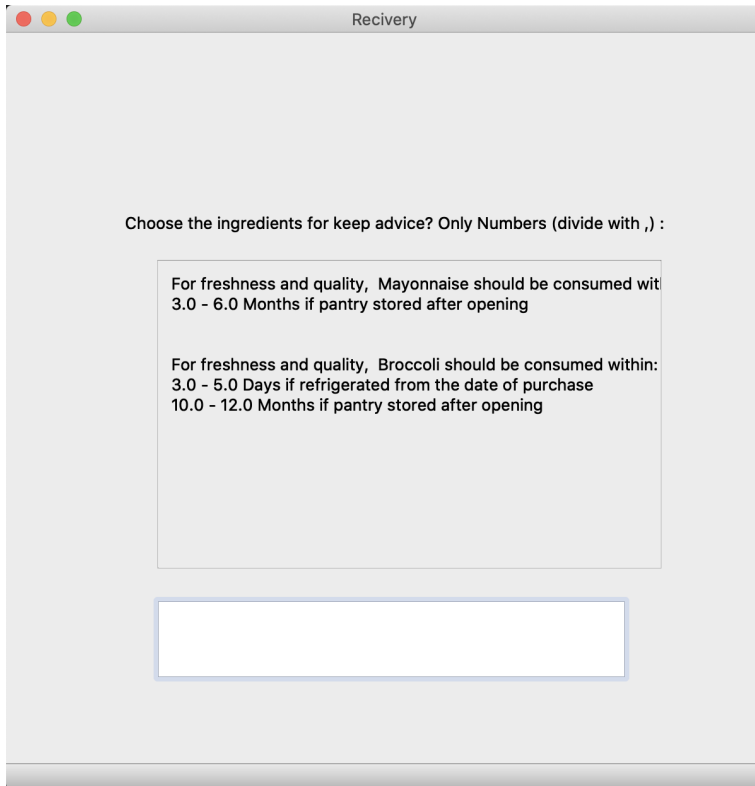
Recivity

Choose the ingredients for keep advice? Only Numbers (divide with ,) :

- 0 white sugar
- 1 pepper/spice
- 2 white wine vinegar
- 3 red onion
- 4 mayonnaise
- 5 broccoli
- 6 salt
- 7 bacon bit
- 8 cheddar cheese

5,7,8

16. Get the food keep advice



Recivery

Choose the ingredients for keep advice? Only Numbers (divide with ,) :

For freshness and quality, Mayonnaise should be consumed within:
3.0 - 6.0 Months if pantry stored after opening

For freshness and quality, Broccoli should be consumed within:
3.0 - 5.0 Days if refrigerated from the date of purchase
10.0 - 12.0 Months if pantry stored after opening