



# TEAM AQUA



**Alac, Calvin, Robert, Tony, & Winnie**  
**Deliverable 4**

# AGENDA

- 1) PRODUCT & SPRINT BACKLOG
- 2) TEAM ADMIN: TASK BOARD, BURNDOWN CHART
- 3) TEAM ADMIN: GIT REPO & CODE REVIEWS
- 4) SYSTEM DESIGNS
- 5) VERIFICATION & VALIDATION PROCESS
- 6) DEMO OF LATEST RELEASE

# PRODUCT & SPRINT BACKLOG

# PRODUCT BACKLOG

# PRODUCT BACKLOG PART 1

## Search Engine

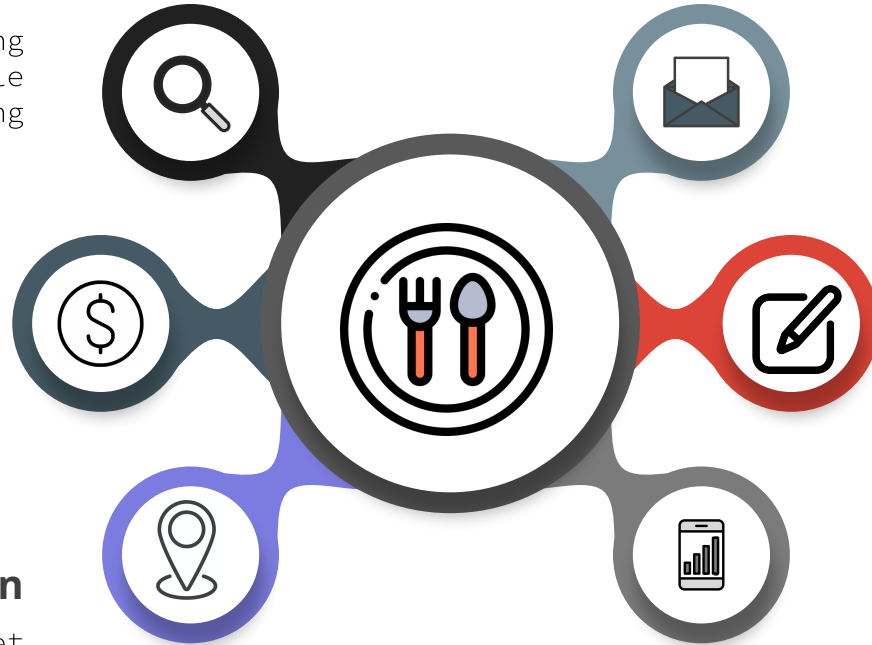
For filtering restaurants available on Scarborough Dining

## Specials & Discounts

For restaurant promotions and labelling special dishes

## NEW\* Geo Location

Things needed to let users look up restaurants by location



## Login and Signup

Things needed to login and signup for the page

## NEW\* Edit Web Page

Things needed to edit restaurant pages such as menus, hours and etc...

## Platform Analytics

Let system admins view data such as usage and traffic

# PRODUCT BACKLOG PART 2

## \*NEW Restaurant Setup

Things needed for restaurant personnel to input relevant info such as restaurant details & menu

## Connecting with Customers

Online community to let customers interact digitally

## Restaurant Recipe

Let restaurant staff upload recipes, cooking tips and etc...



## Restaurant Profile

All things related to the physical page of restaurants on Scarborough Dining

## Placing Orders

Features needed to allow customers to order food from restaurants

## Accepting Orders

Features needed to let restaurants accept orders

## Favourite Restaurant & Reviews

Related to rating restaurants and favoriting them

# SPRINT BACKLOGS

- SPRINT 2: JUNE 28TH TO JULY 5TH
- SPRINT 3: JULY 5TH TO 12TH
- SPRINT 4: JULY 12TH TO 19TH

# SPRINT 2: JUNE 28TH TO JULY 5TH

## Sprint 2

Items Worked On:

- UIs for Restaurants
- Tagging
- Initial Web Page Deployment

## Sprint 3

Items Worked On:

- Populate Database
- Endpoints to retrieve data
- Dashboard UI

## Sprint 4

Items Worked On:

- Restaurant Setup Forms
- Store Form Informations
- Populate Database





# SPRINT 3: JULY 5TH TO JULY 12TH

## Sprint 2

Items Worked On:

- UIs for Restaurants
- Tagging
- Initial Web Page Deployment

## Sprint 3

Items Worked On:

- Populate Database
- Endpoints to retrieve data
- Dashboard UI

## Sprint 4

Items Worked On:

- Restaurant Setup Forms
- Store Form Informations
- Populate Database



# SPRINT 4: JULY 12TH TO JULY 19TH

## Sprint 2

Items Worked On:

- UIs for Restaurants
- Tagging
- Initial Web Page Deployment

## Sprint 3

Items Worked On:

- Populate Database
- Endpoints to retrieve data
- Dashboard UI

## Sprint 4

Items Worked On:

- Restaurant Setup Forms
- Store Form Informations
- Populate Database

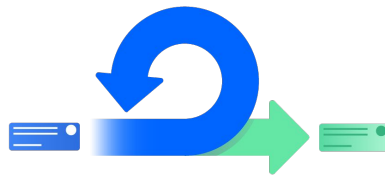


# TASK BOARD & BURNDOWN CHART

# SPRINT 2



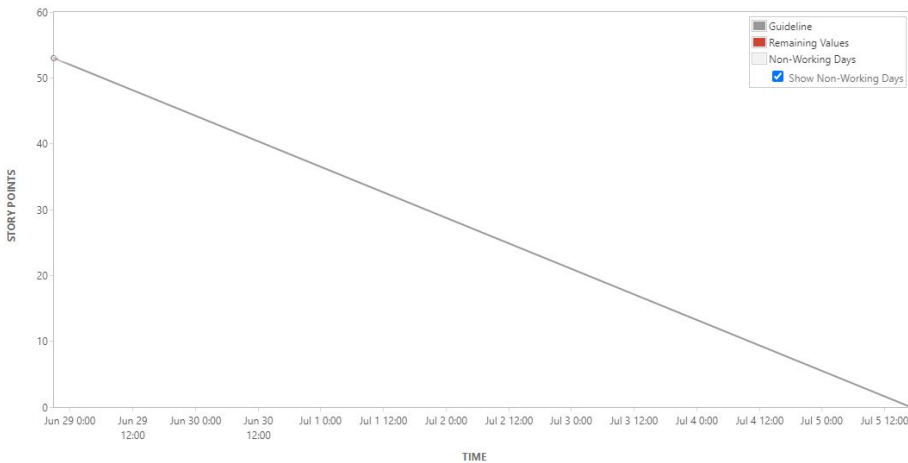
# JUNE 28 - JULY 5 (INITIAL)



TO DO	IN PROGRESS	IN REVIEW	DONE
Alac Wong 2 issues			
[BACK] Generate auto tags for dishes 👍 📈 (5) SD-41			
[BACK] Generate cuisine dictionary 👍 📈 (4) SD-40			
calvin cheng 2 issues			
[BACK] Generate manual tags for dishes 👍 📈 (5) SD-44			
[BACK] Create endpoint to update role for accounts 👍 📈 (3) SD-75			
Robert Nichita 3 issues			
[BACK] Populate database with schema 👍 📈 (6) SD-70	As Al Capone (system admin), I would like to be able to deploy the website to a remote server so that it can be accessed by potential food ordering customers. 👍 📈 (6) SD-37		
Tony Cao 3 issues			
[FRONT] Create a button to upgrade default customer account to restaurant owner 👍 📈 (4) SD-70			
As Rachel Lin (a food ordering user), I want to see user ratings of the restaurant so that I can decide to choose to eat there or not. Explore and recommended foods 👍 📈 (2) SD-32			
[FRONT] Create UI for listing all restaurants 👍 📈 (6) SD-41			
Winnie Lam 4 issues			
[FRONT] Social media links 👍 📈 (3) SD-1			
As Bob Lee (a cuisine exploring user), I want to be able to see pictures and reviews of dishes served at a restaurant so I can decide if it suits my siblings' appetites. Authentic Restaurants 👍 📈 (6) SD-10			
As Steve Hobbs (a small business owner), I would like to have access to restaurant contact information so that I can call them to modify my orders. 👍 📈 (3) SD-14			
[FRONT] Create UI for restaurant page 👍 📈 (4) SD-42			

Team Sprint 2

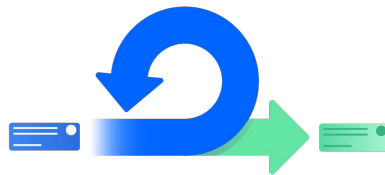
Story Points



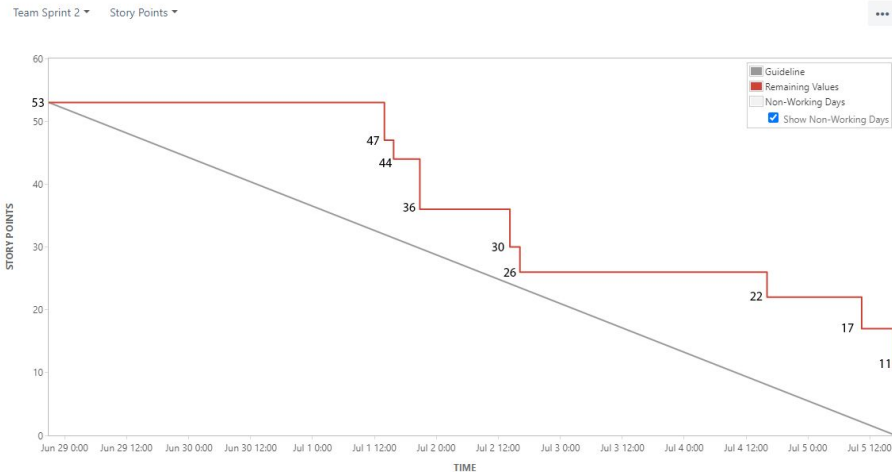
Start: 53 points



# JUNE 28 - JULY 5 (END)



NAME	PROGRESS	DESCRIPTION	STATUS
• Alex Wang 1 issue	BRACE Generate entry tags for dishes	BRACE Generate custom dictionary	50-50
• Nathan Wang 1 issue		BRACE Generate manual tags for dishes	50-50
		BRACE Create endpoint to update role for accounts	50-50
• Robert Watkins 1 issue	BRACE Populate database with schema	As an Admin (system patron), I would like to be able to display the website for a service, server or staff so that the account is given the most relevant information	50-50
		Cabin and Alex update Windows	50-50
• Tony Cao 1 issue		IMPROVE Create a button to upgrade default customer account to restaurant owner	50-50
		IMPROVE Create UI for listing all restaurants	50-50
		As a Restaurant (or food ordering) user, I want to see user ratings of the restaurant so that I can decide to choose to eat there or not	50-50
		As a Restaurant (or food ordering) user, I want to see user ratings of the restaurant so that I can decide to choose to eat there or not	50-50
• Wilson Lam 4 issues		IMPROVE Create UI for restaurant page	50-50
		IMPROVE Social media links	50-50
		As Bob (as a Customer ordering user), I want to be able to see reviews and reviews of dishes served at restaurant so I can decide if it suits my dietary requirements	50-50
		As a Restaurant (or food ordering) user, I want to see user ratings of the restaurant so that I can decide to choose to eat there or not	50-50

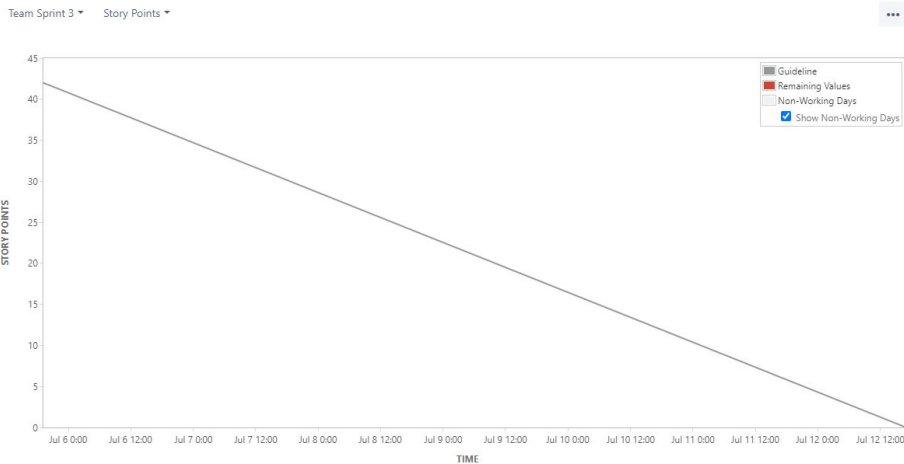
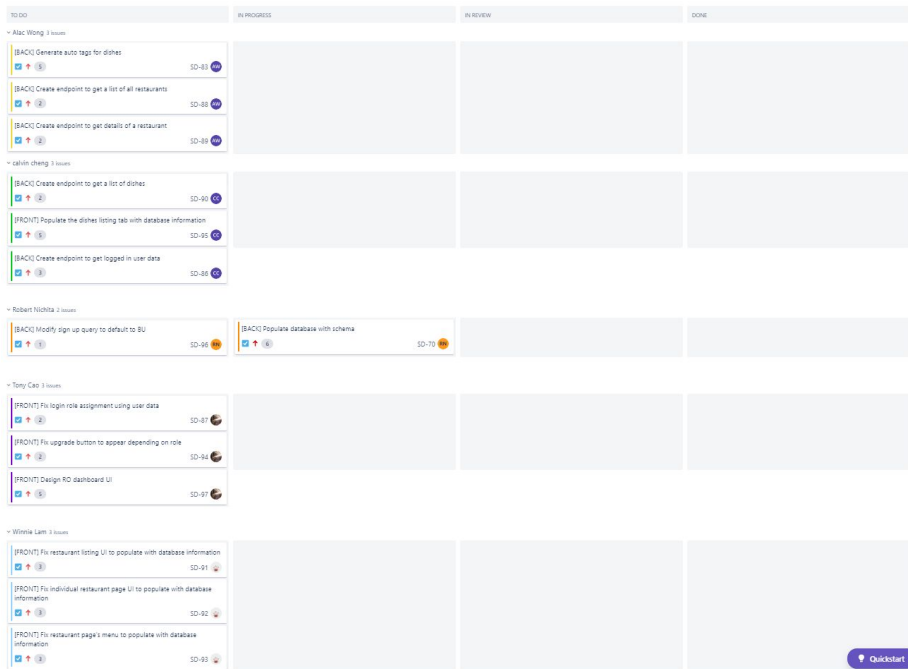
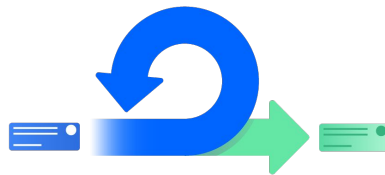


End: 11 points

# SPRINT 3



# JULY 5 - JULY 12 (INITIAL)

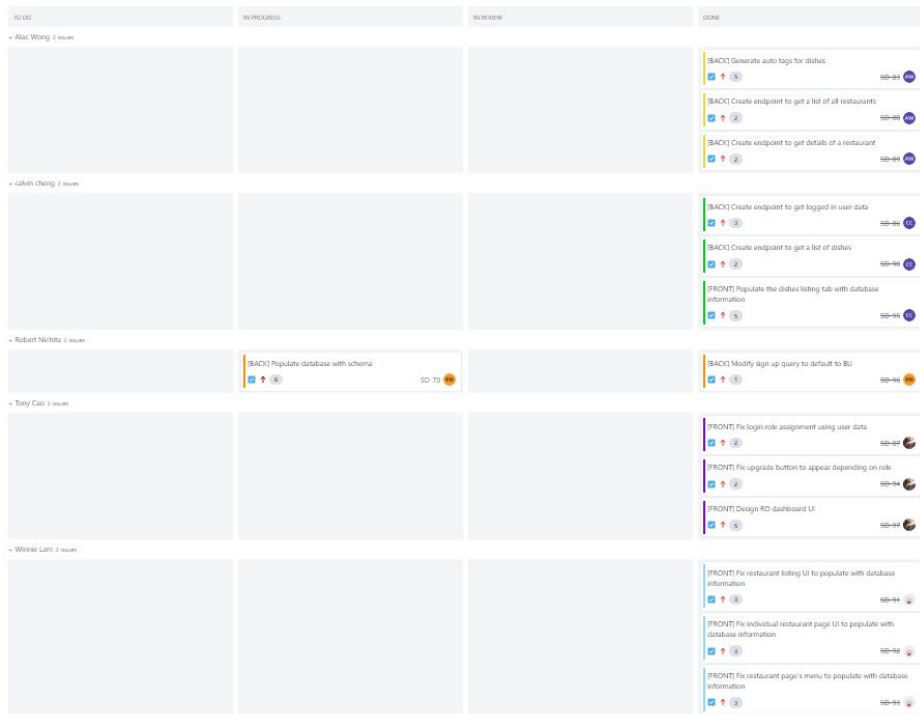
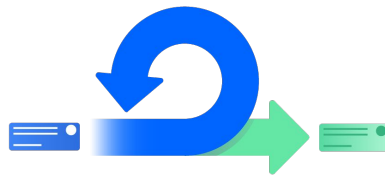


Start: 42 points

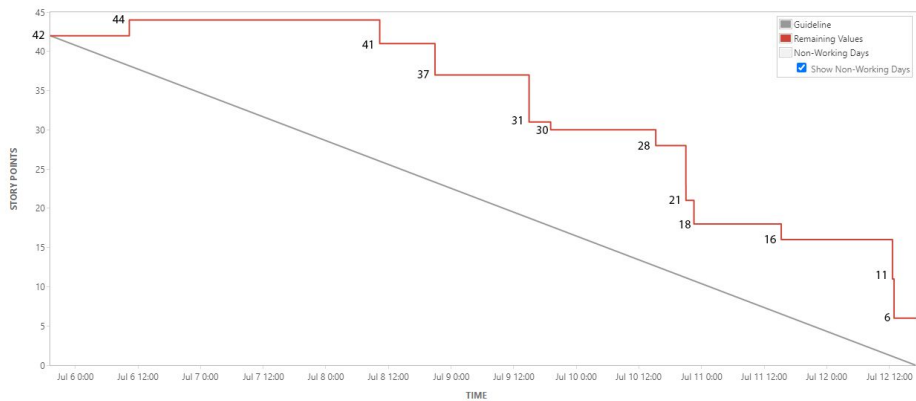




# JULY 5 - JULY 12 (END)



Team Sprint 3 ▾ Story Points ▾

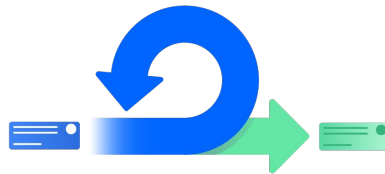


End: 4 points

# SPRINT 4

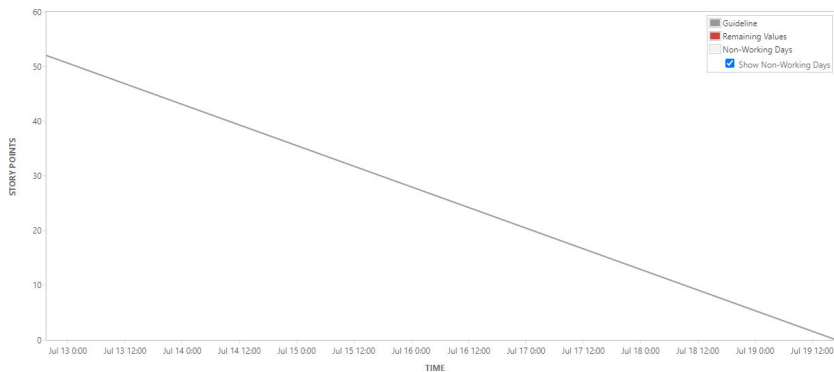


# JULY 12 - JULY 19 (INITIAL)



TO DO	IN PROGRESS	IN REVIEW	DONE
Alice Wong 1 issue			
BACK: Google Cloud storage implementation	SD 16		
Cabin Cheng 4 issues			
BACK: Create endpoint to check if email exists in the database	SD 16		
BACK: Reconfigure endpoints	SD 16		
BACK: Create blank restaurant object on upgrade account	SD 16		
BACK: Create endpoint to add restaurant object using restaurant id	SD 16		
Robert Nichols 2 issues			
BACK: Schema validation	SD 16	BACK: Populate database with schema	SD 16
Tony Cui 4 issues			
Deliverable 4 report	SD 16		
FRONT: Fix the endpoints based on the new names	SD 16		
Ju Hamee Jordan (a restaurant owner), I want to list and link my social media platforms so that I can connect with customers on different platforms. (Connecting with regular customers)	SD 16		
FRONT: Create UI for restaurant initial set up forms	SD 16		
Miriam Lam 3 issues			
FRONT: Fix error on upgrade account using email check	SD 16		
FRONT: Create auth-guard for RO	SD 16		
FRONT: Create UI for adding menu items	SD 16		

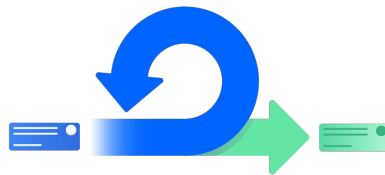
Team Sprint 4 ▾ Story Points ▾



Start: 52 points



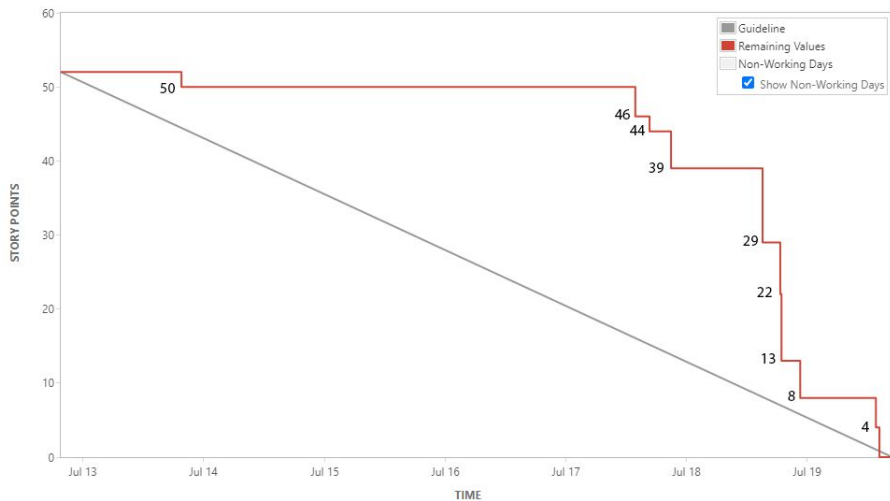
# JULY 12 - JULY 19 (END)



TO DO	IN PROGRESS	IN REVIEW	DONE
- Alan Wong 1 issue			
			[BACK] Google Cloud storage implementation
- Calvin Cheng 4 issues			
			[BACK] Create endpoint to check if email exists in the database
			[BACK] Reconfigure endpoints
			[BACK] Create restaurant object on upgrade account
			[BACK] Create endpoint to add restaurant object using restaurant id
- Robert Nicholas 2 issues			
			[BACK] Populate database with schema
			[BACK] JSON schema validation
- Tony Cui 4 issues			
			Deliverable 4 report
			[FRONT] Fix the endpoints based on the new names
			As Marco Jacob (a restaurant owner), I want to list and link my social media platforms so that I can connect with customers on different platforms.
			Connecting with regular customers
			[FRONT] Create UI for restaurant initial set up forms
- Winston Lam 3 issues			
			[FRONT] Fix error on upgrade account using email check
			[FRONT] Create auth guard for RD
			[FRONT] Create UI for adding menu items

Team Sprint 4

Story Points



End: 0 points

GIT REPO



# GIT FORMATS

Branching - Feature -> Development -> Master

Branch Names - Jira-##/Name (Ex: SD-67/Main-Page-UI)

Commit Format - Jira-##:Description (Ex: SD-67:Added Component)

PR Format:

What was changed: Fixed JSON error from the previous merging error.

What was included: N/A (just a bug fix)

How to use: Run the code

How the design changed: The dishes now appear in the dish listing.

Additional Notes: N/A

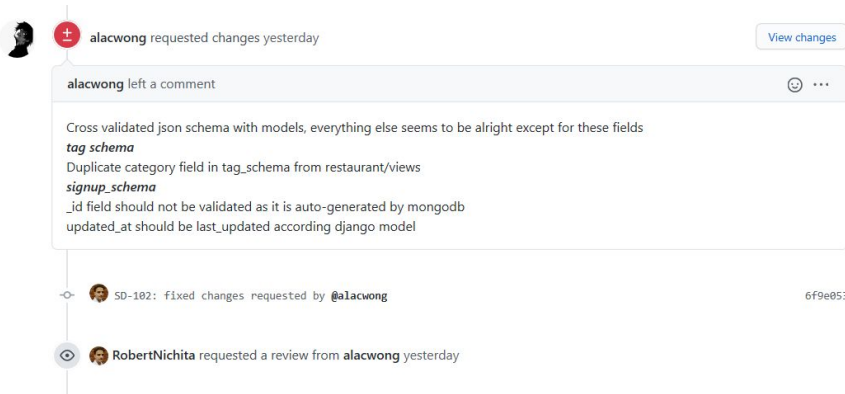


# CODE REVIEWS



# CODE REVIEWS

- Done through PR
- Only request reviews from appropriate members
  - Feature -> Development (Requires at least 1 members approval)
  - Development -> Master (Requires all members' approval)
- Reviewer should review all documents changed and test “how to run”
  - In the case of mistakes: Submit a Change Request
    - Coder responsible for amending and submitting new PR
    - Requires Approval from Reviewer who sent Change Request



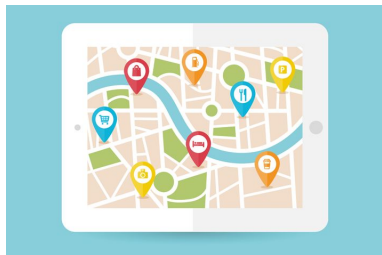


# SYSTEM DESIGNS



# NEWLY REQUESTED COMPONENTS/USE CASES

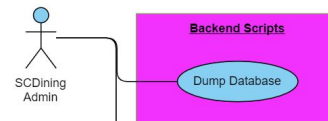
## Geolocation



## Data Dumps



- Find address on map
- Locate nearby restaurants
- More research needs to be done before design



- Export Database contents
- Select arbitrary data
- Command line



# MODIFIED COMPONENTS / USE CASES

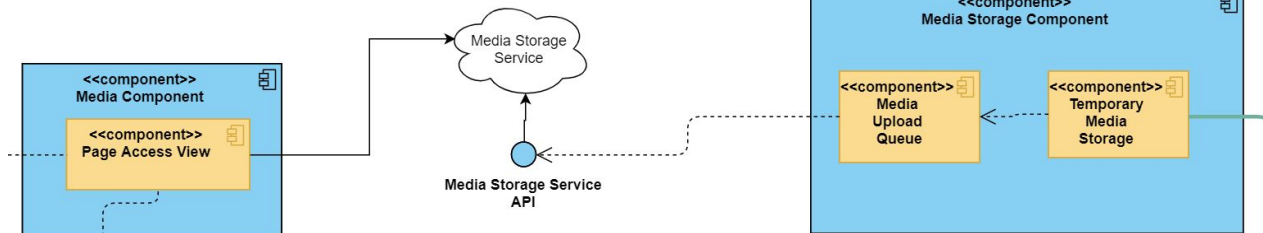
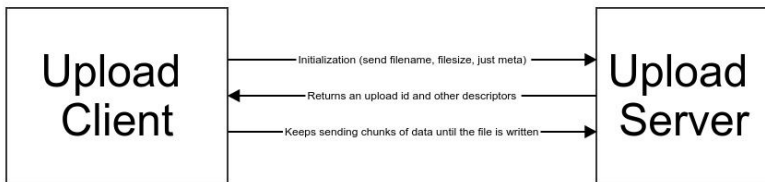


## Media Upload

Previous design failed to properly capture the process of a media upload

### New Design

- Multipart Requests
- Temporarily hold file
- Default Assets

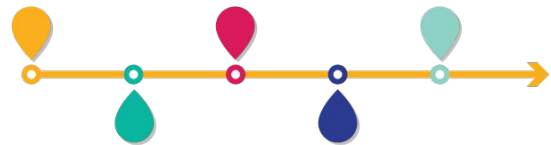


# VERIFICATION AND VALIDATION

# CLIENT MEETINGS



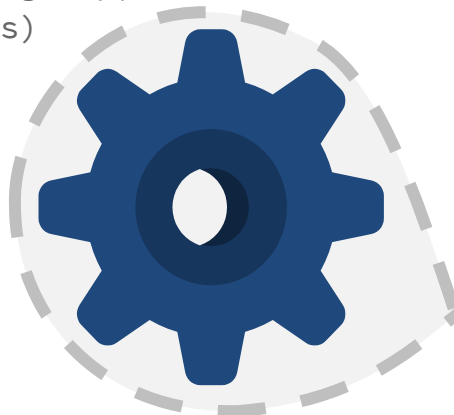
# DEMO AND FEEDBACK



## Deployed Site:

Show latest progress  
(design, log in, sign up,  
restaurant listings)

1



## Figma:

Advice on current and  
future designs for  
pages

2



3

## Product Backlog:

Insights on which tasks  
would be the next priority

Additional user stories  
added

# TESTS



# TESTING STRUCTURE

Team\_08-project

Server

Django\_app1

Django\_app2

Django\_file1

. . .

tests.py

. . .

```
def test_find_all_restaurant(self):  
    """ Test if all restaurant documents are returned """  
    request = self.factory.get('/api/restaurant/get_all/')  
    expected = [self.expected, self.expected2]  
    actual = json.loads(view_response.get_all_restaurants_page  
                        (request).content)['Restaurants']  
    self.assertListEqual(expected, actual)
```

Python manage.py test {app}





# TESTING TABLE



Evaluation Criteria	Criteria function must pass to pass the test case
(Possible Risk) Description	A description of possible risks associated with test case failure
Magnitude	Measurement of how dangerous possible risks associated with test case failure
Probability	Measurement of how likely possible risks may occur associated with test case failure
Priority	Priority of importance for a function to pass test case, priority is influenced by probability, magnitude and the function's priority (found in backlog) it is testing

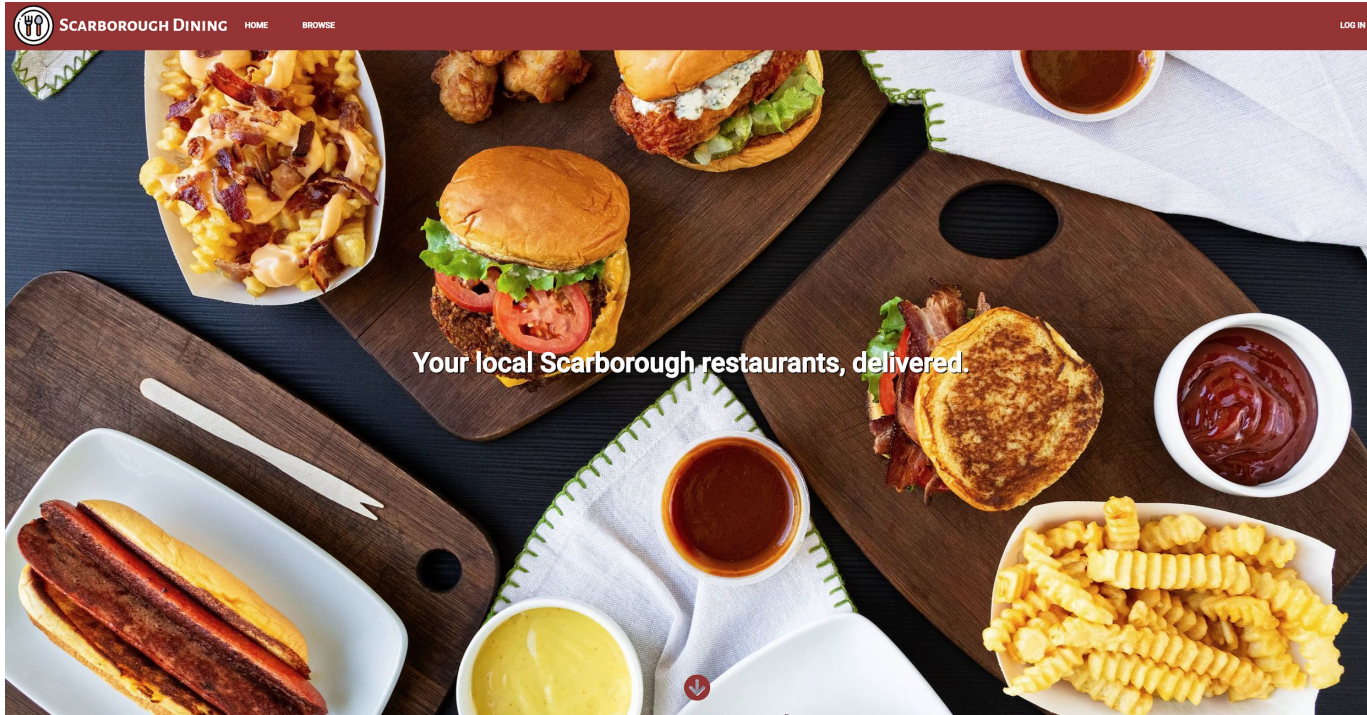
Test Case Name	App	Test Suite	Evaluation Criteria	(Possible Risks) Description	Magnitude	Probability	Priority
test_signup	user	SDUserTestCases	Checks to see if The User has been inserted into the database	No new Users can be made	High	High	High

DEMO OF LATEST RELEASE



# DEPLOY LINK:

<https://3.18.84.86>



THE END