

# Final Project for SW Engineering Class

## CSC 648-848 Spring 2023

### Team 06

# Gateway

Justin Shin (Team Lead) [jshin7@mail.sfsu.edu](mailto:jshin7@mail.sfsu.edu)

Jack Lee (Back End Lead)

Ryan Scott (Github Lead)

Konnor Nishimura (Front End Support)

Xiao Deng (Back End Support)

Alexander Scott Griffin (Front End Lead)

Date submitted: 5/24/2023

## Product Summary

With our Gateway app, ordering food to your door has never been easier. Are you an SFSU student, faculty, or staff and tired of leaving the comfort of your room to meet a driver at a meet up spot? Wouldn't it be nicer if the driver would meet you at your door? Our competition simply cannot deliver the food to your door, where as we can. Enjoy your meals faster and easier than ever with our app, we'll deliver the food right to your room. On top of that we have special discounts exclusive to SFSU, meaning you not only save time and energy, but also money ordering food from our app.

Major Committed Functions (final P1 list):

- Unregistered users shall be able to search and browse for restaurants and the restaurant's information
- Unregistered users shall be able to view a restaurant's menu and pricing, and estimated time of delivery
- Unregistered users shall be able to add dishes to their shopping cart
- Unregistered users shall be able to create an account by filling in a registration form
- Unregistered users shall be displayed a map of the surrounding restaurants of the SFSU campus
- Unregistered users shall be able to search for their desired restaurants by entering text into a search bar
- Unregistered users shall be able to view restaurants of specific categories
- Unregistered users shall be required to sign up or sign in as a customer after they order
- Customers shall be required to sign up using their SFSU email
- Customers shall be able to enter the location at campus they want their order to be delivered to
- Customers shall be able to order their requested food after checking out their shopping cart
- Drivers shall be required to sign up by showing proof they are able to drive
- Drivers shall be displayed a list of orders they can deliver with delivery address on map, recipient name and phone number.
- Drivers shall be able to see specific information about an order
- Drivers shall be displayed a campus map showing pick up and drop off locations for their deliveries
- Restaurants manager shall be required to sign up by registering the restaurant's information
- Restaurants manager shall be able to enter menu items

- Restaurants manager shall be able to edit menu items
- Admins shall be required to approve all restaurant applications before they go live
- Admins shall be able to remove users
- Admins shall be able to remove restaurants
- Admins shall have access to data of all users
- Admins shall be required to approve all changes to a restaurant's menu before they go live

Our app is unique in that we allow drivers to deliver to the door. Right now, if you want to order food online you have to meet at a designated meeting point. With our app we will allow drivers to drop food off right at the door, just like if you were at home. Our delivery destination will specify which building, and room number to deliver to, as well as a campus map to help drivers along the way.

URL: <http://ec2-35-164-61-115.us-west-2.compute.amazonaws.com:3000/>

## Product Screenshots

localhost:3000/aboutHome

### Gateway

SFSU Software Engineering Project CSC 648-848, Spring 2023. For Demonstration Only

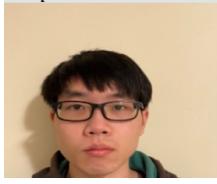
All

[Login](#) [About us](#) [Driver](#) [Restaurant](#)

Home  
Software Engineering class SFSU  
Spring, 2023  
Section 03  
Team 06



**Justin Shin**  
Group Lead



localhost:3000

### Gateway

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All

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Estrella Taqueria



Korean Tacos



Krua Thai



localhost:3000/signup/customer

## Gateway

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[Login](#) [About us](#) [Driver](#) [Restaurant](#)

All

### Gateway Signup

I agree to the terms and services

localhost:3000/login/customer

## Gateway

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[Login](#) [About us](#) [Driver](#) [Restaurant](#)

All

### Gateway Login

[Forgot Password?](#)  [Don't have an account?](#)

← ⌂ ① localhost:3000

## Gateway

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All |  | Search

Orders | [About us](#) | [Log Out](#)



Estrella Taqueria



Korean Tacos



Kruea Thai





← ⌂ ① localhost:3000

## Gateway

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All |  |

Orders | [About us](#)



Estrella Taqueria



Korean Tacos



Kruea Thai





restaurant		
dish1	Quantity: 1	\$1.00
dish2	Quantity: 2	\$2.00
Dish 3	Quantity: 3	\$3.00
Delivery fees: \$1.40		
Total price: \$15.4		
<b>Estrella Taqueria</b>		
Steak Fajitas Burrito	Quantity: 3	\$13.99
Delivery fees: \$4.20		
Total price: \$46.17		
<b>test</b>		
Dish	Quantity: 3	\$5.00
Cool dish	Quantity: 4	\$10.00
Very cool dish	Quantity: 5	\$15.00
Delivery fees: \$13.00		
Total price: \$143		
<b>Kruea Thai</b>		
Pad Thai Noodles	Quantity: 2	\$14.00
Delivery fees: \$2.80		
Total price: \$30.8		

localhost:3000/search/none?category=0

**Gateway**

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[Login](#)

[About us](#)

[Driver](#)

[Restaurant](#)

Input is none  
5 results

**Estrella Taqueria**

Expected delivery time: 45 minutes

533 Haight St, San Francisco, CA 94117

**Korean Tacos**

Expected delivery time: 30 minutes

90-92 Charter Oak Ave, San Francisco, CA 94124

**Krua Thai**

Expected delivery time: 20 minutes

localhost:3000/restaurant/4

**Gateway**

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[Driver](#)

[Restaurant](#)

**McDonald's**

Menu|Delivery

**McCrispy**  
**McCrispy Filet**



**\$6.69**

Add to cart

Quantity:

Campus location to be delivered to:  Address

Serramonte Center 

localhost:3000/signup/\_driver

[Home](#) [Driver](#) [Restaurant](#)

## Gateway

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[Login](#) [About us](#)

[Driver](#) [Restaurant](#)

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### Gateway Driver Signup

Upload your driver's license  
  No file chosen  
**Please add your driver's license**

Upload your proof of insurance  
  No file chosen  
**Please add your proof of insurance**

I agree to the terms and services

localhost:3000/login/driver

## Gateway

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All   [About us](#) [Driver](#) [Restaurant](#)

### Gateway Driver Login

[Forgot Password?](#)  [Don't have an account?](#)

localhost:3000/home/driver/3002

## Gateway

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[About us](#)

### Taken orders

**Order 10**  
Estrella Taqueria

**Order 12**  
testaurant

### Available orders

**Order 13**  
Estrella Taqueria

**Order 16**  
test

**Order 17**  
Krua Thai

**Order 18**

localhost:3000/home/driver/3002

## Gateway

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[Log Out](#)

### Taken orders

#### Order 10

##### Estrella Taqueria

Restaurant Address: 533 Haight St, San Francisco, CA 94117  
 Campus Delivery Address: HSS362  
 Payment: \$51.97  
[Complete order](#)

localhost:3000/signup/restaurant

## Gateway

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[Restaurant](#)

All

### Gateway Restaurant Signup

Name

Email

Phone Number

Address

Password

Confirm password

Category:

Upload your restaurant logo  
 No file chosen  
 Please add a logo for your restaurant

I agree to the terms and services

localhost:3000/login/restaurant

## Gateway

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All

### Gateway Restaraunt Login

Email

Password

[Forgot Password?](#)

Login

[Don't have an account?](#)

Sign up

localhost:3000/home/restaurant/153

## Gateway

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### test

Show Dishes|Show Orders

Add a dish to your menu

Name of dish  Price of dish

Upload a picture of the dish  Choose File No file chosen

Description of dish

Submit dish

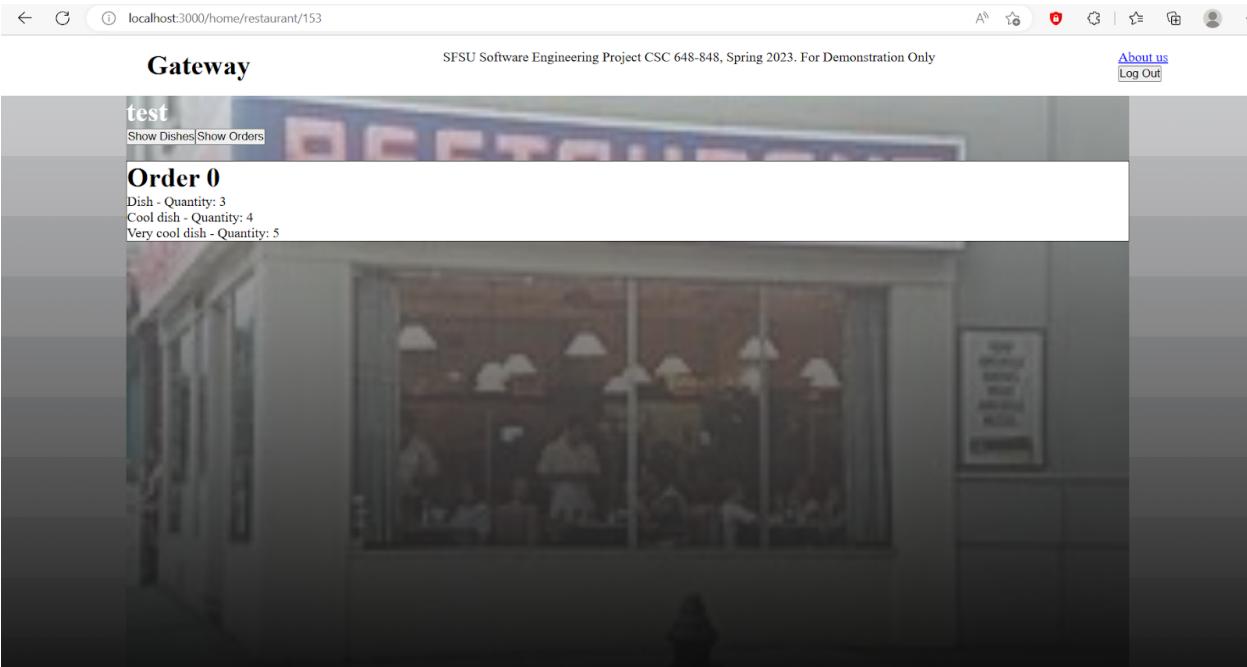
**Dish**  
This is a dish  
\$5.00



**Cool dish**  
This is a dish  
\$10.00



**Very cool dish**  
This is a dish



# Database Organization

## Category

```
1 •  SELECT * FROM `gateway-db`.Category;
```

100% 1:1

Result Grid Filter Rows: Search Edit: Export/Import:

category_id	name
1	Fast Food
2	Chinese
3	Mexican
4	Korean
5	Thai
6	French
7	Japanese
8	Italian
9	Indian
10	Other

## Dish

```
1 •  SELECT * FROM `gateway-db`.Dish;
```

100% 1:1

Result Grid Filter Rows: Search Edit: Export/Import:

dish_id	name	description	price	picture	restaurant_id
1	House Special Porridge	Roasted cauliflower rice	13.99	BLANK	5
2	McCrappy	McCrappy Filet	6.69	BLANK	4
3	Steak Fajitas Burrito	Steak caramelised onions & peppers served with	13.99	BLANK	1
4	Kimchi Quesadilla	Caramelized kimchi, cheddar cheese, cilantro, a	10.50	BLANK	2
5	Pad Thai Noodles	Wok fried rice stick noodles with eggs, bean spr	14.00	BLANK	3
20	dish1	This is dish 1	1.00	BLANK	145
21	dish2	This is dish 2	2.00	BLANK	145
22	Dish 3	This is dish 3	3.00	BLANK	145
30	Dish	This is a dish	5.00	BLANK	153
31	Cool dish	This is a dish	10.00	BLANK	153
32	Very cool dish	This is a dish	15.00	BLANK	153
33	Dish	This is a dish	3.72	BLANK	154
34	Dish2	hi	2.22	BLANK	154
NULL	NULL	NULL	NULL	NULL	NULL

## Driver

```
1 •  SELECT * FROM `gateway-db`.Driver;
```

100% 1:1

Result Grid Filter Rows: Search Edit: Export/Import:

driver_id	full_name	email	phone	driver_license	insurance	hash	salt
1	Madison Garcia	mgarcia@gmail.com	239-139-5673	BLANK	BLANK	hash	salt
2	Ashley Davis	ashleydavis@yahoo.com	128-289-0011	BLANK	BLANK	hash	salt
3	Olivia Williams	owilliams@aol.com	333-880-9900	BLANK	BLANK	hash	salt
4	Jessica Lopez	jlopez11@icloud.com	178-555-2648	BLANK	BLANK	hash	salt
5	Robert Miller	bmiller@gmail.com	345-456-5530	BLANK	BLANK	hash	salt
11	test	test@gmail.com	1234567890	BLANK	BLANK	0\$610\$wPMQd6mY\$llWtHGuWpo0.0BqNtyw...	salt
3000	None	None	None	BLANK	BLANK	None	None
3001	Justin	Wifre.edu	123-333-4444	BLANK	BLANK	ed2cc3116f6b723c2ba3664a0864159d2e21	79465ab04677c9b1a915de31cddc862d119
3002	test	test@gmail.com	111-111-1111	BLANK	BLANK	c8323610a310a22458a6625c2435121d070	50a4d95682a9e52335a9578a7819331699
3008	Ryan	scott10@aol.com	1244567890	BLANK	BLANK	76926994a222695960a70926617959feab...	0837654611a2c90a10a4c2f853af48801d5a...
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

## Customer

1 • `SELECT * FROM `gateway-db`.Customer;`

customer_id	full_name	email	phone	hash	salt
1	James White	white@mail.sfsu.edu	456-345-1288	hash	salt
2	John Doe	jdoe@mail.sfsu.edu	453-345-1234	hash	salt
3	Mike Jackson	mjackson@mail.sfsu.edu	450-380-4531	hash	salt
4	Emma Jones	ejones@mail.sfsu.edu	578-893-8927	hash	salt
5	Sarah Brown	sbrown1@mail.sfsu.edu	785-122-9087	hash	salt
7	Brian Harris	bharris@mail.sfsu.edu	415-008-7788	hash	salt
10	Justin	j@mail.sfsu.edu	123-333-4444	a160854c8ffcc86a5e179e49e11d5e237a44119a...	940224205c9f34d27ae6cb333d98d464b3443ab...
11	test	test@mail.sfsu.edu	111-111-1111	8cc0bc184a4641a29f25e3fe1aa9d143b4672d...	81ee7c0997a37482d0826e160998df5728a0cf...
20	test2	test2@mail.sfsu.edu	111-111-1112	4c125a82223997d5003d08f1d67ce0a81334cd...	54204c8520b0586cf93c8492a0223b3d516b24...
21	Ryan	rscott1@mail.sfsu.edu	1234567390	d332849e113595fad3249e0df6a70fb123652b...	813e75a1c1ce57e0e712f68c5298ca1394676b...
NULL	NULL	NULL	NULL	NULL	NULL

## Restaurant

1 • `SELECT * FROM `gateway-db`.Restaurant;`

restaurant_id	name	email	phone	avg_delivery_time	registration_status	category_id	logo	address	hash	salt
1	Estrella Taqueria	merchant1@outlook.com	415-370-1278	45	1	3	blue	533 Haight St, San Francisco, CA 94117	hash	salt
2	Korean Tacos	merchant2@gmail.com	650-555-4441	30	1	4	blue	90-92 Charter Oak Ave, San Francisco, CA 94124	hash	salt
3	Krua Thai	merchant3@pm.com	650-444-1111	10	1	5	blue	525 Valencia Street, San Francisco, CA 94110	hash	salt
4	McDonald's	mcdonalds@mc.com	248-456-0000	15	1	1	blue	255 Winston Dr, San Francisco, CA 94132	hash	salt
5	Joyful Kitchen	joyfulkitchen@gmail.com	234-567-8900	30	1	2	blue	123 2nd Octavia Ave, San Francisco, CA 94127	hash	salt
12	Loco Loco	loco@loco.com	123-333-4444	0	1	4	blue	122 2nd Octavia St	a2c105fCecDrjRefKsQsRNSEimeDhnxQ8...	salt
145	test	test@test.com	111-111-1111	0	0	1	blue	111 test street	523f105WPc0s0XXW9bT...ffQd45DVLbKok...	salt
153	test	test@gmail.com	111-111-1116	0	0	10	blue	1111 test street	079f9a8c5a8d8a84cc0d325e25d438cf0d9...	salt
154	test2	test2@gmail.com	222-222-2222	60	0	9	blue	123 test st	c19e68f8d7a2abe187d3e03d932a2e67c23...	56810075955414576
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

## Order

1 • `SELECT * FROM `gateway-db`.Order;`

order_id	restaurant_id	customer_id	driver_id	status	total	delivery_fee	order_date_time	address
1	1	5	4	0	15.25	10.00	2023-04-20 10:14:07	HSS362
2	2	4	3	0	22.50	15.25	2023-04-20 11:14:07	HSS362
3	3	3	5	0	29.50	7.99	2023-04-19 10:20:09	HSS362
4	4	1	2	0	30.74	5.00	2023-04-10 12:25:08	HSS362
5	5	2	1	0	32.18	15.00	2023-04-22 11:30:10	HSS362
10	1	1	3002	0	41.97	10.00	0000-00-00 00:00:00	HSS362
11	2	1	3008	0	52.50	10.00	0000-00-00 00:00:00	HSS362
12	145	11	3002	0	14.00	1.40	0000-00-00 00:00:00	HSS362
13	1	11	3000	0	41.97	4.20	0000-00-00 00:00:00	HSS362
16	153	11	3000	0	130.00	13.00	2023-05-21 15:27:44	HSS362
17	3	11	3000	0	28.00	2.80	2023-05-22 06:37:18	Library
18	1	21	3000	0	13.99	1.40	2023-05-24 07:04:36	HSS
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

## OrderDish

```
1 •  SELECT * FROM `gateway-db`.OrderDish;
```

100% 1:1

Result Grid Filter Rows:  Search Edit:

	order_id	dish_id	quantity	
▶	1	3	1	
	2	4	2	
	3	5	2	
	4	2	4	
	5	1	2	
	10	3	3	
	11	4	5	
	12	20	1	
	12	21	2	
	12	22	3	
	13	3	3	
	16	30	3	
	16	31	4	
	16	32	5	
	17	5	2	
	18	3	1	
	NULL	NULL	NULL	

# Github Organization

Main branches:

1. main
2. dev
3. milestone01
4. M2-cleanup
5. M3-merge
6. dev-backend

with several branches used at each step and consolidated to the above.

Main and dev branches were protected and accessible by Ryan and Justin.

main ▾ 14 branches 0 tags

Go to file Add file ▾ <> Code ▾

**About**

csc648-03-sp23-teamNN-ryanscott0515  
created by GitHub Classroom

Readme  
MIT license  
0 stars  
2 watching  
0 forks

**Releases**

No releases published  
Create a new release

**Packages**

No packages published  
Publish your first package

**Contributors** 6

**Languages**

JavaScript 84.5% CSS 15.5%

**csc648 Repository**

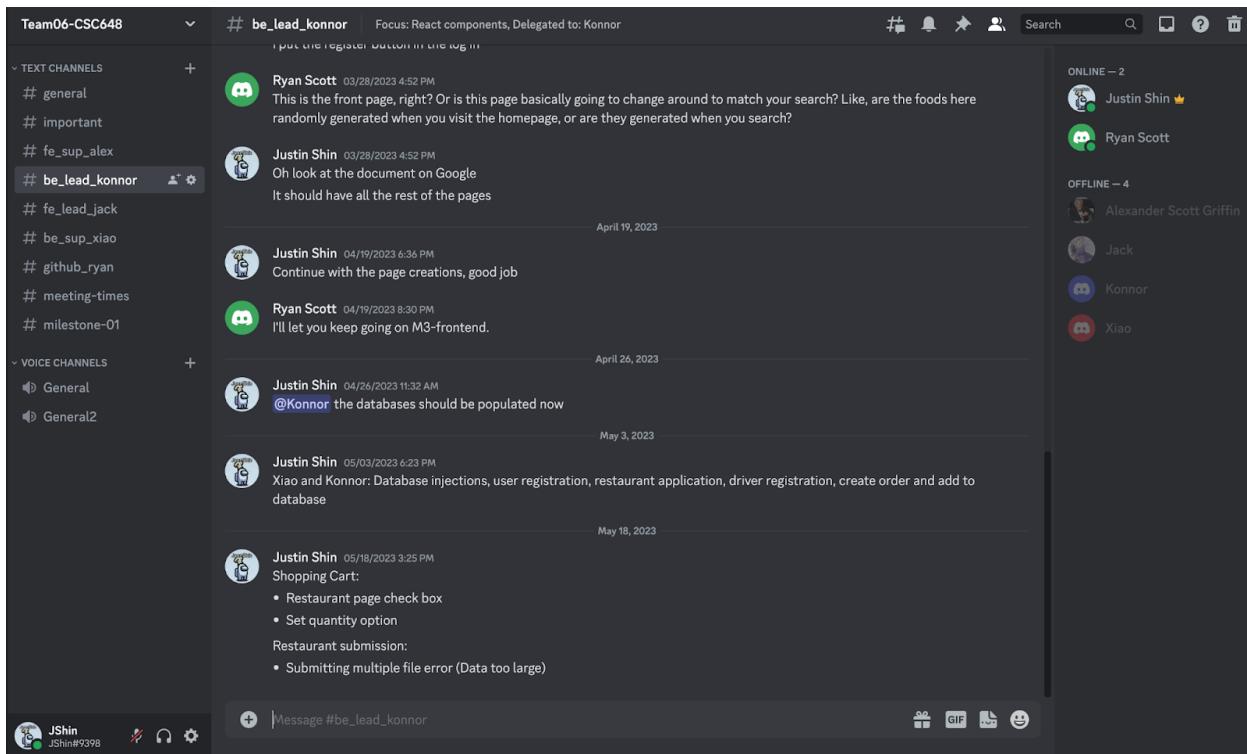
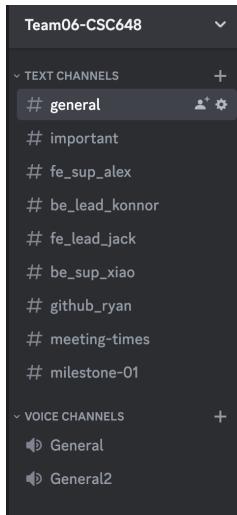
URL: <http://ec2-35-164-61-115.us-west-2.compute.amazonaws.com:3000/>  
Github URL: <https://github.com/CSC-648-SFSU/csc648-03-sp23-team06>

| Student Name | Student Email | GitHub Username | Justin Shin | [jshin7@mail.sfsu.edu](mailto:jshin7@mail.sfsu.edu) | shinjjustin | Konnor Nishimura | [knishimura@mail.sfsu.edu](mailto:knishimura@mail.sfsu.edu) | KonnorNishimuraSFSU | Xiao Deng | [xdeng6@mail.sfsu.edu](mailto:xdeng6@mail.sfsu.edu) | xdeng0 | Ryan Scott | [rscott10@mail.sfsu.edu](mailto:rscott10@mail.sfsu.edu) | ryanscott0515 | Jack Lee | [klee52@mail.sfsu.edu](mailto:klee52@mail.sfsu.edu) | SilvLune | Alexander Griffin | [agriffi1@mail.sfsu.edu](mailto:agriffi1@mail.sfsu.edu) | NameAPenguin |

**NO code needs to be stored in the root of your repository. You may rename the application folder if you like to your team's application name. But all source code related to your team's application should be stored inside the application folder.**

## Project Management

Our team primarily used Discord to manage everything. We utilized the text channels to do task delegations as well as major discussions. Discord also has voice channels so any time text conversations got arduous we would congregate in a voice channel. We liked this approach as we were able to reference material and tasks easily. Additionally, having the people's page open helped see who was online to ask pertinent questions.



## Team Member Self Assessment

RS

Ryan Allen Scott

To: Alexander Scott Griffin; Justin Joon-Shic Shin; Konnor Ichi Nishimura; Ka Ki Lee; Xiao Deng



Tue 5/23/2023 9:28 PM

1. My contributions were mostly technical, revolving around the GitHub project setup and, eventually, setting up and maintaining the ECS we hosted the website on. I caught some bugs, put attention on points where we might have missed a detail or requirement, and kept code conflicts to a minimum with many branches that made sure code was separate.
2. I made about 9 commits, taking away merges and reversions.
3. My main challenges mostly revolve around the GitHub. I had to learn about some techniques and settings I wasn't familiar with to keep everything under control. The biggest with these was in solving conflicts in the code, which I had never done before but had to learn just before a deadline. Getting the website hosted was a trial.
4. I'd try to take better control of code style. Our group didn't really differ in this department, but I was always worrying about it because I don't have a say over what people commit, only what they can merge to a protected branch. I'd be interested in learning how this is handled professionally. Would a GitHub master revert a commit and tell you to redo it? Only wait until a merge request, then reject it until someone fixes the single variable name they did wrong? Either way, I'd aim for getting a more concrete foundation and keeping a closer eye on coding style.
5. Nothing to add that wasn't already stated.

...

Reply

Reply all

Forward

AG

Alexander Scott Griffin

To: Justin Joon-Shic Shin; Konnor Ichi Nishimura; Ka Ki Lee; Xiao Deng; Ryan Allen Scott



Tue 5/23/2023 8:46 PM

- a) Heavy contributions to teamwork and organization of the team. Always present and team meetings and a facilitator of those meetings. Filled in as temporary team lead for one meeting in which Justin had fallen ill with little warning. Helped other complete task and shifted roles to further facilitate team work shifting from a front end lead to front end support to general support depending on what the team needed.
- b) 3 , this number is small because my commits were very large early on and issues resulted in me assisting others later on resulting in a very low number of commits.
- c) Confidence was a big problem in the early days of the group. No one wanted the pressure of being a lead but everyone wanted positions filled quickly. This was solved through communication of skills and re-organization of the group later on. We also had a in issue with the group lead over working him self but I was able to keep things on track for one meeting and we convinced him to rely on us more.
- d) Next time I would try to get a bunch more experience with programing before hand so I could better assist the group. We also needed to better organize and standardize meeting times so that meetings did not catch people off guard and unprepared.
- e) Despite a small number of commits I was more focused on keeping up communication in the group and early proto-typing and quality control through the project's life span so while I did not spend many hours coding I did spend many hours on documents and research for others, while still spending some time coding.

...

Justin Shin

### Team Member Self Assessment and Contributions

This is a collection of e-mails that each team member sends to ALL of their respective team members (so that all team members can see all the main on this) outlining:

A. His/her contributions to team projects and teamwork (technical and any other) in no more than half a page - list item format is OK.

- Team organization and oversaw code progress
- Coding workshops and examples
- Empathetic support
- Task delegations

B. Number of submissions he/she made to GitHub team Dev. Branch

- 33 GitHub commits

C. One brief paragraph on main challenges he/she encountered in team project

- I had a lot of difficulties delegating tasks to try to make the workloads as even as possible. I also struggled with burnout, as I feel like my leadership towards the end slipped a lot. Additionally, it was quite a shock how intimate the connections we made were. I thought the process would be strictly professional but the personal lives crept into the process as working with people is a much more human process than I expected.

D. One brief paragraph on what would he/she do better next time based on what was learned in the class about SE management and processes

- I would definitely trust my team a lot more. Regardless of people's outward confidence, aptitude is a measurement best seen rather than predicted. I would have saved a lot of burnout if I had trusted my team from the start and shifted my focus towards delegation and leadership, rather than micromanagement and worry. I would also set more concrete expectations. We primarily used discord for our task delegations, but I wouldn't repeat that process as a lot of the channels we made got messy. Instead I would definitely implement a task management system like the professor recommended. My laziness caused a lot more problems than necessary.

E. Anything else you deem important for instructors to know

- This has been one of the most enlightening experiences I've ever gone through. I had a lot of apprehensions in the beginning of the semester, but you did an excellent job of guiding me and everyone else through this process and I'm really glad I conquered my fear of management and tried my hand at leadership. I've never taken a class that more brutally laid out my flaws and I'm still reeling at the many mistakes I made, but I'm ever grateful they were made in this environment rather than on site. Thank you again!

Jack Lee - CSC 648 Team member self assessment and contributions 

2 attachments 

**E.** There's nothing else important I think the instructor should know 

**JS** Justin Joon-Shic Shin  Tue 5/23/2023 6:54 PM

**648 Self Assesment .pdf** 26 KB

Thank you all! 

**AG** Alexander Scott Griffin  Tue 5/23/2023 8:46 PM

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e) Despite a small number of commits I was more

**KN** Konnor Ichi Nishimura

To: Ka Ki Lee; Justin Joon-Shic Shin; Xiao Deng; Ryan Allen Scott; Alexander Scott Griffin

Tue 5/23/2023 6:46 PM

A. My contributions to the project

- I worked on functional requirements for milestone 1
- I worked on prioritizing functional requirements and mockups for milestone 2
- I worked on making all of the frontend pages
- I did some work on css for the frontend pages
- I worked on the backend for restaurant pages, restaurant home pages, driver home pages, the restaurant sign up page, and the home page
- I connected the backend and frontend for the restaurant pages, restaurant home pages, driver home pages, restaurant sign up page, and the home page
- I worked on changing the navbar depending on the type of user logged in
- I worked on routing the user to a certain page depending on the type of user
- I tested and fixed some bugs in the website

B. I made 43 commits to github

C. The biggest challenges I faced was coordinating with other team members and sending files to the database. When it came to working with the team, I had a hard time keeping track of what each team member was working on. Occasionally I assumed that they were done with what they were working on when they were not or I would think they were still working on something that they already finished. When it came to sending files to the database, there were issues sending files through a post request with our server architecture. It was the longest I spent working on a specific problem as I tested different methods over the course of a few days until it finally worked.

D. Next time, I would do better on understanding and clarifying the requirements needed for the project. I would often get confused about what should be shown on each page because I would not know what would be needed on the page. Since the requirements for software projects constantly change throughout the project, I would try to understand what parts of the website need to be implemented and what parts should be dropped at each point in the project's life cycle.

E. There's nothing else important I think the instructor should know

...

## M5 - Team member self assessment and contributions

### A. Contributions to team project and teamwork

- Database design modeling
- Database management, including test data insertion
- Milestone 1 and 2 Data Glossary and Description
- Customer and driver API endpoints for registration
- QA testing plan

### B. Number of submissions to GitHub team dev branch

- 12 commits

### C. Main challenges

The main challenge I have had during this project is lack of knowledge in web development. Due to this disadvantage, I had to spend a lot of time looking up stuff online and watching tutorials in order to understand how things work. This negatively impacted my efficiency of completing the programming tasks I was assigned.

### D. What would I do better next time

What I would do next time is I'd start learning the skills required and try to get as much experience as possible before the start of a project. Learning from the ground up on project takes a lot time and it shifts the focus away from contributing to the team. I'd also want to improve on time management so I can achieve a better balance between learning new skills and spending time working on the project.

### E. My role on the team is responsible to all database related tasks. In the early stage of the project, there was no programming tasks assigned to me as I mainly worked on database creation and test data insertions. Later on in the project when we started backend development, I worked on creating API endpoints handling driver and customer data POST. But due to the lack of web development knowledge I mentioned above, it took me a lot of time to research how to implement features, and some of my teammates who are more skilled and knowledge than me helped me fix the bugs and complete the tasks, that's why my GitHub commit count is low.

Re: Jack Lee - CSC 648 Team member self assessment and contributions

**XD** **Xiao Deng**  
To: Ryan Allen Scott +4 others  
Wed 5/24/2023 11:41 AM

 20 KB

Self assessment attached

**From:** Ryan Allen Scott <rscott10@sfsu.edu>  
**Date:** Tuesday, May 23, 2023 at 9:28 PM  
**To:** Alexander Scott Griffin <agriff1@mail.sfsu.edu>, Justin Joon-Shic Shin <jshin7@mail.sfsu.edu>, Konnor Ichi Nishimura <knishimura@mail.sfsu.edu>, Ka Ki Lee <klee52@mail.sfsu.edu>, Xiao Deng <xdeng6@mail.sfsu.edu>  
**Subject:** Re: Jack Lee - CSC 648 Team member self assessment and contributions

1. My contributions were mostly technical, revolving around the GitHub project setup and, eventually, setting up and maintaining the ECS we hosted the website on. I caught some bugs, put attention on points where we might have missed a detail or requirement, and kept code conflicts to a minimum with many branches that made sure code was separate.  
2. I made about 9 commits, taking away merges and reversion.  
3. My main challenges mainly revolve around the GitHub. I had to learn about some techniques and settings I wasn't familiar with to keep everything under control. The biggest with this was in solving conflicts in the code, which I had never done before but had to learn just before a deadline. Getting the website hosted was a trial.  
4. I'd try to take better control of code style. Our group didn't really differ in this department, but I was always worrying about it because I don't have a say over what people commit, only what they can merge to a protected branch. I'd be interested in learning how this is handled professionally. Would a GitHub master revert a commit and tell you to redo it? Only wait until a merge request, then reject it until someone fixes the single variable name they did wrong? Either way, I'd aim for getting a more concrete foundation and keeping a closer eye on coding style.  
5. Nothing to add that wasn't already stated.

**From:** Alexander Scott Griffin <agriff1@mail.sfsu.edu>

Jack Lee - CSC 648 Team member self assessment and contributions

**Team member self assessment and contributions**

This is a collection of e-mails that each team member sends to ALL of their respective team members (so that all team members can see all the mail on this) outlining:

A. His/her contributions to team projects and teamwork (technical and any other) in no more than half a page – list item format is OK.

- a. Documentation for milestone
- b. Search engine for search bar
- c. Design for navbar after code review
- d. Redesign page after code review
- e. Scc for page style
- f. Js for page style

B. Number of submissions he/she made to github team Dev. Branch (explain if this number is very low)

- a. 14 github commits

C. One brief paragraph on main challenges he/she encountered in team project

- a. The main challenges I had in this project were I couldn't manage my time to work on the project. Since I can't control the due date for all the assignments in other classes. Second, I didn't communicate with my team members well after I took over and it caused me to lose track of progress.

D. One brief paragraph on what would he/she do better next time based on what was learned in the class about SE management and processes

- a. Things I can do better are to plan before the next task comes so I will have a reasonable time to do my task. Second, when I take over any process from other members. I have to communicate with the team member and understand what he or she did and how he did it. Also I have to comment on my code as well.

E. Anything else you deem important for instructors to know (e.g. why your github count is low)

- a. At the early stage, I was the back end lead before the code review I did for the search engine. Then after code review my was swapped to front end lead. Since at the beginning of the early stage the front end team has already finished some of the page style so I didn't have to work much and that's why my commit on github was low.

**KL** **Ka Ki Lee**  
To: Justin Joon-Shic Shin +4 others  
Tue 5/23/2023 6:00 PM

 44 KB

**KN** **Konnor Ichi Nishimura**  
To: Ka Ki Lee; Justin Joon-Shic Shin +3 others  
Tue 5/23/2023 6:46 PM

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