

Final Project for SW Engineering Class

CSC648/848 Spring 2021

Team 03

Hermes App

May 21, 2021

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Jacob Sebastian - Backend Lead

Jarvis Yu - Front End Lead

URL: <http://18.236.138.191/>

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Product Summary

Name of product: Hermes

All committed Priority 1 functions:

All Users

1. All users shall be able to register an account as well as modify their account information once registered.

Delivery Drivers

2. Delivery drivers shall be able to see orders to deliver and check them off as they are delivered.
3. Delivery drivers shall have access to descriptive images of the SFSU campus map.

Restaurant Owners

4. Restaurant locations shall be displayed on a map for customers to see.
5. Restaurant owners shall be able to add informational details about their restaurant, including an image.
6. Restaurant owners shall be allowed to create their own restaurant's menu.

SFSU customers, staff and faculty

7. SFSU customers, staff, and faculty shall be able to browse through restaurants, filter, and sort the results in meaningful, useful ways.
8. Customers shall have a shopping cart where they can add multiple items from a restaurant's menu.

What is unique about our product:

Hermes provides a variety of food choices for SFSU students and faculty allowing them to browse through menu items and restaurants. Hermes is a food delivery app that delivers to SFSU students and faculty at any SFSU campus location. Hermes avoids the long dreading lines and prevents the late night MUNI rides to get a warm meal. Hermes' goal is to deliver food at any location within the SFSU campus as fast as possible. With the online food delivery industry growing we want to provide an app that is convenient and easy to use for SFSU students and faculty. Since all food deliveries are being delivered to the SFSU campus it will reduce the trips that the delivery driver would make. It decreases the wait time for delivery and lowers the operation costs for restaurants and drivers. Hermes' app is very accessible to SFSU students and faculty along with restaurant owners and drivers. Its registration process is simple and straightforward where they are guided step by step through the registration. Restaurant owners can register their menu items and are able to gain exposure for their restaurant. Hermes is uniquely just for SFSU students and faculty allowing only deliveries made to the SFSU campus. Hermes gives detailed instructions to delivery drivers providing drivers with a SFSU campus map. Hermes provides an environment that benefits both students and restaurant owners creating an easy way to purchase and deliver food.

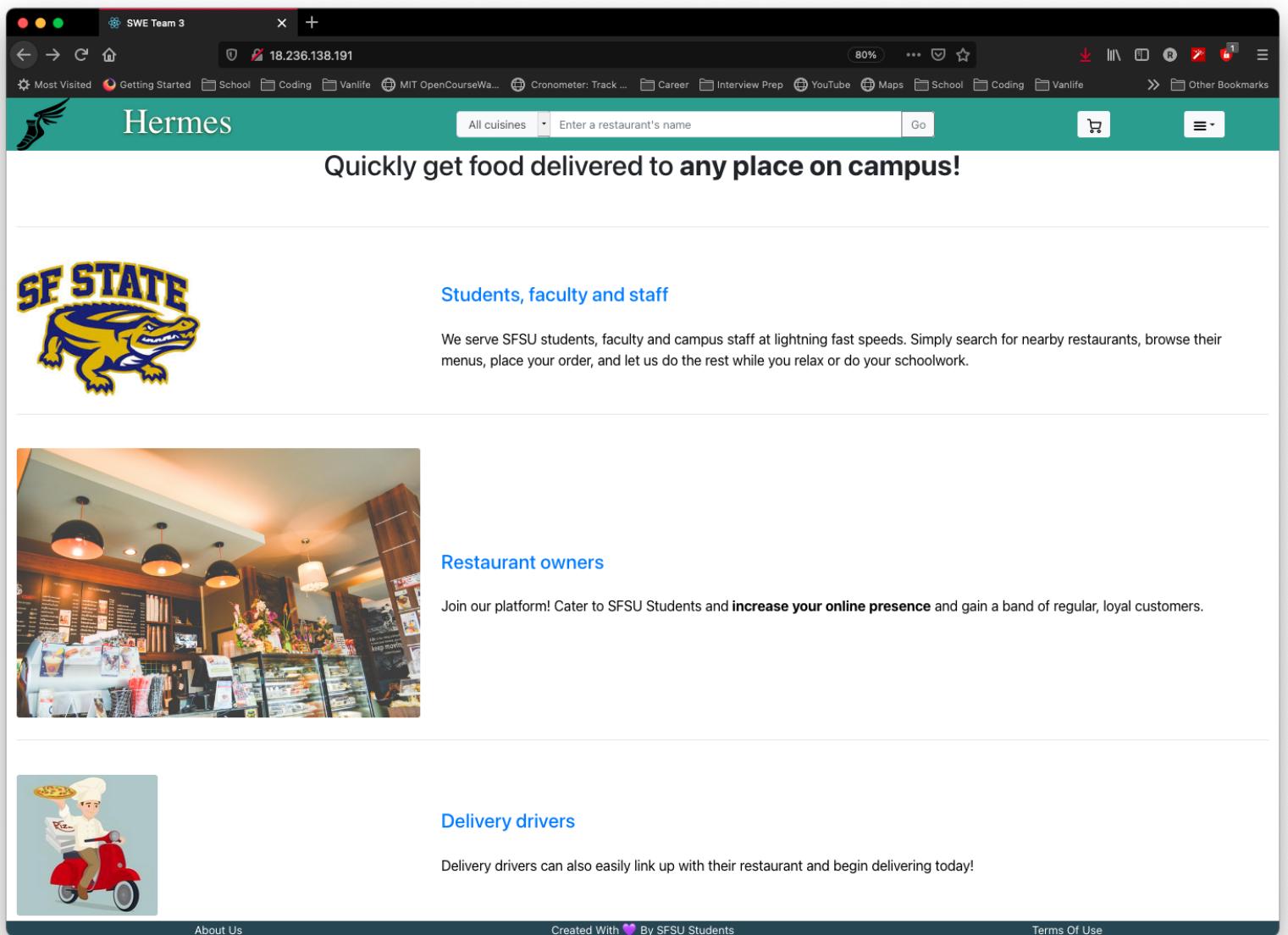
URL: <http://18.236.138.191/>

Milestone documents M1 - M4

Milestone documents are inside this folder next to this document. [M1](#) | [M2](#) | [M3](#) | [M4](#)

Product Screenshots

Home Page



The screenshot shows a web browser window titled "SWE Team 3" with the URL "18.236.138.191". The page is for a food delivery service called "Hermes". The header features the SF State logo and the text "Quickly get food delivered to any place on campus!". Below this, there are sections for "Students, faculty and staff" (describing the service for campus users), "Restaurant owners" (with a photo of a restaurant interior), and "Delivery drivers" (with a cartoon illustration of a chef on a scooter). At the bottom, there are links for "About Us", "Created With ❤️ By SFSU Students", and "Terms Of Use".

All cuisines Go

Students, faculty and staff

We serve SFSU students, faculty and campus staff at lightning fast speeds. Simply search for nearby restaurants, browse their menus, place your order, and let us do the rest while you relax or do your schoolwork.

Restaurant owners

Join our platform! Cater to SFSU Students and **increase your online presence** and gain a band of regular, loyal customers.

Delivery drivers

Delivery drivers can also easily link up with their restaurant and begin delivering today!

About Us Created With ❤️ By SFSU Students Terms Of Use

SWE Team 3 18.236.138.191/restaurant-registration

Hermes

All cuisines Enter a restaurant's name

Restaurant Owner Registration

Account Information

All fields are required unless noted as optional

First Name

Last Name

Email

Password
Password must be 8-20 characters long and contain at least 1 number, 1 uppercase, and 1 lowercase letter.

Confirm Password

Restaurant Information

Restaurant Name
Enter the name of your restaurant

Description
Add a description of your restaurant

SWE Team 3 18.236.138.191/restaurant-registration

Hermes

All cuisines Enter a restaurant's name

Zipcode

Upload a restaurant image
 No file selected.

Restaurant Menu

Item name: <input type="text"/> Soft Tacos	Item name: <input type="text"/> Agua de horchata
Description <input type="text"/> Three tacos with choice of meat	Description <input type="text"/> Rice water with cinnamon
Price <input type="text"/> \$ 1.25 <input type="button" value="Remove"/>	Price <input type="text"/> \$ 3.24 <input type="button" value="Remove"/>

I agree to the [Terms of Use](#)

** You'll be able to log into your account after your registration is approved **

Browse Restaurants

SWE Team 3 18.236.138.191/search/restaurant?name=

Most Visited Getting Started School Coding Vanlife MIT OpenCourseWa... Cronometer: Track ... Career Interview Prep YouTube Maps School Coding Vanlife Other Bookmarks

Software Engineering Class SFSU Spring 2021 Section 03 Team 03

Hermes

All cuisines

Found 7 search results:

 <p>Bob's Burgers</p> <p>Awesome burgers. Come get some!</p> <p>1700 Ocean Ave</p> <p>\$\$</p> <p>1.09 miles from SFSU</p>	 <p>Infinite Tacos</p> <p>Best tacos in the bay.</p> <p>255 Winston Dr</p> <p>\$</p> <p>0.48 miles from SFSU</p>	 <p>Pizzarino</p> <p>Delicious pizza and even better pasta. Yum!</p> <p>595 Buckingham Way</p> <p>\$\$\$</p> <p>0.82 miles from SFSU</p>
 <p>Brain Freeze</p> <p>Traditional flavors. Home-made ice cream and desserts.</p> <p>1101 Junipero Serra Blvd</p> <p>\$</p> <p>1.07 miles from SFSU</p>	 <p>Dynamic Coffee</p> <p>Get your morning started the right way! Premium coffee in a relaxing atmosphere.</p> <p>11 Glenwood Ave</p> <p>\$</p> <p>1.53 miles from SFSU</p>	 <p>Roberto's Taco Shop</p> <p>Amazing Mexican food!</p> <p>1650 Holloway</p> <p>\$</p> <p>0.23 miles from SFSU</p>

SWE Team 3 x +

18.236.138.191/restaurant-menu?name=Bob's Burgers

Software Engineering Class SFSU Spring 2021 Section 03 Team 03

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Hermes All cuisines Enter a restaurant's name Go

Software Engineering Class SFSU Spring 2021 Section 03 Team 03

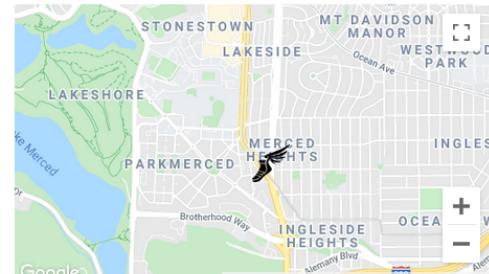
Bob's Burgers

Awesome burgers. Come get some!

1700 Ocean Ave, San Francisco, CA, 94112

Price rating: \$\$

Distance from SFSU: 1.09 miles



Deluxe
1/4 lb patty with tomato, onions, and lettuce.
\$9.99
[Add](#) [Remove](#)

Baconator
1/2 lb patty with bacon, cheese, tomato, onions and lettuce.
\$11.99
[Add](#) [Remove](#)

Lettuce Wrap
1/4 patty with tomato and onions wrapped in lettuce
\$8.99
[Add](#) [Remove](#)

French Fries
Crispy, golden brown potato fries
\$3
[Add](#) [Remove](#)

Onion Rings
Crispy fried onion rings
\$5
[Add](#) [Remove](#)

Soda
Your choice: coke, sprite, or 7up
\$2.49
[Add](#) [Remove](#)

SWE Team 3 18.236.138.191/restaurant-menu?name=Bob's Burgers

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Software Engineering Class SFSU Spring 2021 Section 03 Team 03

Hermes

Bob's Burgers

Awesome burgers.

1700 Ocean Ave, San Francisco, CA, S

Price rating: \$\$

Distance from SFSU: 1.09 miles

Shopping Cart

Qty	Item	Subtotal
1	Deluxe	9.99
1	Baconator	11.99
2	Soda	4.98
1	Onion Rings	5
1	French Fries	3

Total: \$34.96

[Clear](#) [Checkout](#)

Map data ©2021 Google Terms of Use Report a map error

Deluxe
1/4 lb patty with tomato, onions, and lettuce.
\$9.99
[Add](#) [Remove](#)

Baconator
1/2 lb patty with bacon, cheese, tomato, onions and lettuce.
\$11.99
[Add](#) [Remove](#)

Lettuce Wrap
1/4 patty with tomato and onions wrapped in lettuce
\$8.99
[Add](#) [Remove](#)

French Fries
Crispy, golden brown potato fries
\$3
[Add](#) [Remove](#)

Onion Rings
Crispy fried onion rings
\$5
[Add](#) [Remove](#)

Soda
Your choice: coke, sprite, or 7up
\$2.49
[Add](#) [Remove](#)

Not Secure — 18.236.138.191

Software Engineering Class SFSU Spring 2021 Section 03 Team 03

Hermes All cuisines Enter a restaurant's name Go

Campus Map

Orders to deliver

Order Number: 5

Customer Name
Roberto Herman

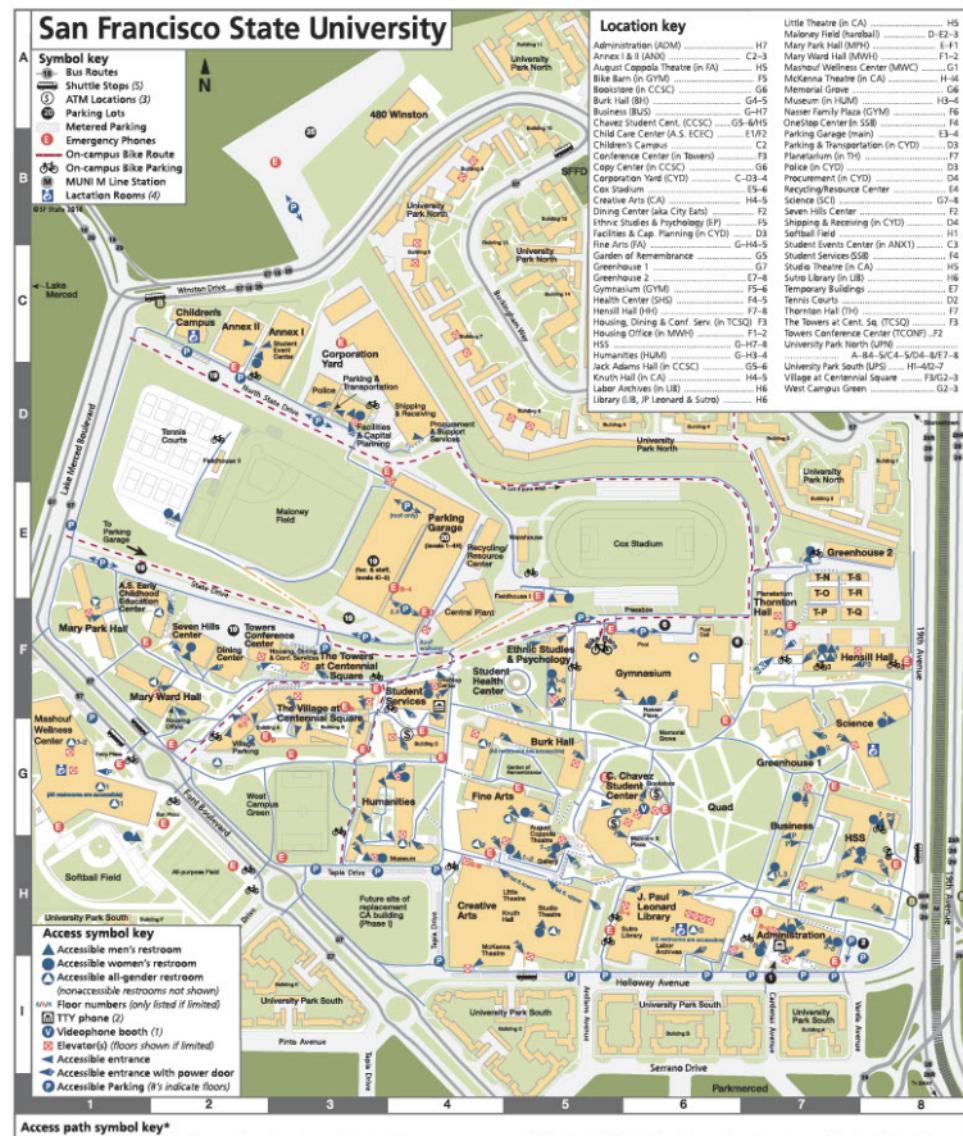
Delivery Address
123 Main st

Delivery Instructions
Soccer field by the bleachers

Total: \$17.98 **Complete**

About Us Created With ❤️ By SFSU Students Terms Of Use

Campus Map: all



SWE Team 3 +

18.236.138.191/account

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Software Engineering Class SFSU Spring 2021 Section 03 Team 03

 Hermes All cuisines Enter a restaurant's name Go  

Account Settings

Change your email or password.

Email Address
rhermanvaldivia@mail.sfsu.edu
[Edit](#)

Password
.....
Password must be 8-20 characters long and contain at least 1 number, 1 uppercase, and 1 lowercase letter.
[Edit](#)

Delete Account
Warning: this action is irreversible and will erase all of your account information. Only click this button if you are sure you no longer want to have this account.
[Delete](#)

SWE Team 3 Not Secure | 18.236.138.191/restaurant

Hermes

All cuisines ▾ Enter a restaurant's name Go

Restaurant Menu

Add or remove items to your restaurant's menu.

Item name: Tacos

Description: Delicious tacos!

Price: \$ 3.45

Remove

Item name: Burrito

Description: Yummy burrito!

Price: \$ 4.89

Remove

Item name: Pozole

Description: Hot and tasty

Price: \$ 6.99

Remove

Add another menu item

M5 – Google Docs csc648-03-sp21-Team03/CSC SWE Team 3

18.236.138.191 90% ... Go +

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Software Engineering Class SFSU Spring 2021 Section 03 Team 03

 Hermes

About Us

Quickly get on campus!



We serve SF State students, faculty and campus staff at lightning fast speeds. Simply search for nearby restaurants, browse their menus, place your order, and let us do the rest while you relax or do your schoolwork.



Restaurant owners

Join our platform! Cater to SFSU Students and **increase your online presence** and gain a band of regular, loyal customers.



Delivery drivers

Database Organization

Restaurant

restaurantId	ownerId	name	description	cuisine	priceRating	addressId	imagePath	approved	lat	lng	distance
1	1	Bob's Burgers	Awesome burgers. Come get so...	American	\$\$	1	/uploads/burger.jpeg	1	37.71971400	-122.47437640	1.09
2	2	Infinite Tacos	Best tacos in the bay.	Mexican	\$	2	/uploads/tacos.jpeg	1	37.72641290	-122.47851030	0.48
3	3	Pizzarino	Delicious pizza and even better...	Italian	\$\$\$	3	/uploads/pizza.jpeg	1	37.71623820	-122.47191160	0.82
4	4	Brain Freeze	Traditional flavors. Home-made i...	Dessert	\$	4	/uploads/desserts.jpeg	1	37.70867350	-122.48811020	1.07
5	5	Dynamic Coffee	Get your morning started the rig...	Cafe	\$	5	/uploads/cafe.jpeg	1	37.73025840	-122.47854010	1.53

Menu Item

menuitemId	menuId	name	description	option	price
1	1	Deluxe	1/4 lb patty with tomato, onions, and lettuce.	NULL	9.99
2	1	Baconator	1/2 lb patty with bacon, cheese, tomato, onions...	NULL	11.99
3	1	Lettuce Wrap	1/4 patty with tomato and onions wrapped in lett...	NULL	8.99
4	1	French Fries	Crispy, golden brown potato fries	NULL	3.00
5	1	Onion Rings	Crispy fried onion rings	NULL	5.00
6	1	Soda	Your choice: coke, sprite, or 7up	NULL	2.49
7	2	Tacos Al Vapor	Steamed tacos, choose chicken, beef or pork.	NULL	2.49
8	2	Street Tacos	Small, double tortilla, with your choice of meat.	NULL	1.99
9	2	Tacos Dorados	Fried tacos, choose chicken, beef, or pork.	NULL	1.99
10	2	Burrito	Large tortilla, choose chicken, beef or pork.	NULL	6.99
11	2	Agua Fresca	Traditional Mexican drink. Choose horchata, ja...	NULL	3.00
12	3	Pepperoni Pi...	Pepperoni, tomato sauce, and mozzarella cheese.	NULL	10.99
13	3	Hawaiian Pizza	Canadian bacon, pineapple, mozzarella, tomato...	NULL	12.99
14	3	Fettuccine Alf...	Fettuccine pasta with a creamy white sauce and...	NULL	11.99
15	3	Spaghetti A L...	Spaghetti with ground beef and tomato sauce.	NULL	6.99
16	3	Sparkling Water	Choose between Perrier or Pellegrino.	NULL	2.00
17	4	Soft Serve Ic...	Choose your flavor: chocolate, vanilla, or strawb...	NULL	4.00
18	4	Smoothie	Choose your flavor: mango, strawberry, banana,...	NULL	5.00
19	4	Sundae	Choose your ice cream flavor. Comes with bana...	NULL	10.00
20	4	Juice	Choose your fruit flavor: strawberry, orange, pine...	NULL	5.00
21	4	Crepe	Crepe filled with fruit and drizzled with chocolate...	NULL	9.00
22	5	Coffee	Slow drip coffee.	NULL	2.99
23	5	Espresso	Jump start your morning with a shot of espresso.	NULL	2.99
24	5	Frappuccino	Frozen coffee drink topped with whip cream.	NULL	4.99
25	5	Muffin	Choose your flavor: banana and nuts or poppy s...	NULL	2.99
26	5	Avocado Toast	Big slice of toast with avocado spread.	NULL	4.99

Account

accountid	userType	email	password
1	customer	customer1@sfsu.edu	\$2a\$10\$xa/mqKbuZoRXLgwt3dexceYz6nWJJaiN2W/DlZpAHoFq9RuWE1IMC
2	customer	customer2@sfsu.edu	\$2a\$10\$xa/mqKbuZoRXLgwt3dexceYz6nWJJaiN2W/DlZpAHoFq9RuWE1IMC
3	customer	customer3@mail.sfsu.edu	\$2a\$10\$xa/mqKbuZoRXLgwt3dexceYz6nWJJaiN2W/DlZpAHoFq9RuWE1IMC
4	restaurantOwner	owner1@restaurant.com	\$2a\$10\$xa/mqKbuZoRXLgwt3dexceYz6nWJJaiN2W/DlZpAHoFq9RuWE1IMC
5	restaurantOwner	owner2@restaurant.com	\$2a\$10\$xa/mqKbuZoRXLgwt3dexceYz6nWJJaiN2W/DlZpAHoFq9RuWE1IMC
6	restaurantOwner	owner3@restaurant.com	\$2a\$10\$xa/mqKbuZoRXLgwt3dexceYz6nWJJaiN2W/DlZpAHoFq9RuWE1IMC
7	restaurantOwner	owner4@restaurant.com	\$2a\$10\$xa/mqKbuZoRXLgwt3dexceYz6nWJJaiN2W/DlZpAHoFq9RuWE1IMC
8	restaurantOwner	owner5@restaurant.com	\$2a\$10\$xa/mqKbuZoRXLgwt3dexceYz6nWJJaiN2W/DlZpAHoFq9RuWE1IMC
9	deliveryDriver	driver@mail.com	\$2a\$10\$xa/mqKbuZoRXLgwt3dexceYz6nWJJaiN2W/DlZpAHoFq9RuWE1IMC
10	restaurantOwner	restaurantOwner@mail.com	\$2a\$10\$ifYNZ8Uh0Bry7/WJ4.a9D.8f9HyunG6wnNAxg/T9DCkqm1xoHQt2

Restaurant Order

orderId	comment	orderStatus	addressId	restaurantId	customerId	total
1	Room 123 at the end of the hallway	ordered	1	1	1	13.24
2	Soccer field across the gym. I'll be by the bleachers.	ordered	2	1	2	25.16
3	At the Sol Patch community garden near Mary...	delivered	3	1	3	17.99

Cuisine

cuisineId	cuisineType
1	Other
2	American
3	Mexican
4	Italian
5	Dessert
6	Cafe

Address

addressId	line1	line2	city	state	zipcode
1	1700 Ocean Ave		San Francisco	CA	94112
2	255 Winston Dr		San Francisco	CA	94132
3	595 Buckingham Way	Suite 587	San Francisco	CA	94132
4	1101 Junipero Serra Blvd		San Francisco	CA	94132
5	11 Glenwood Ave		Daly City	CA	94015
6	1600 Holloway	undefined	San Francisco	CA	94132

Shopping Cart

shoppingCartId	accountId	menuItemId
1	1	1
2	1	4
3	1	2
4	1	5
5	1	5
6	1	6
7	1	6

Restaurant Owner

ownerId	name	accountId
1	Tina	4
2	Aleander	5
3	Elizabeth	6
4	Aaron	7
5	Bruce	8
6	Roberto Herman	10
NULL	NULL	NULl

Customer

customerId	name	accountId
1	Yanelia	1
2	Timbo	2
3	Lauren	3

Delivery Driver

driverId	restaurantId	name	accountId
1	1	John	7

Google Analytics



Project Management

	Author ▾	Label ▾	Projects ▾	Milestones ▾	Assignee ▾	Sort ▾
8 Open ✓ 26 Closed						
<input type="checkbox"/> ⓘ Add route to compute distance from campus to restaurant location backend	#83 opened 4 minutes ago by mecosteas					
<input type="checkbox"/> ⓘ Add functionality to Place Order button in Checkout page frontend	#66 opened 13 days ago by mecosteas					
<input type="checkbox"/> ⓘ Hook up addToCartAPI to menu item modal frontend	#64 opened 13 days ago by mecosteas					
<input type="checkbox"/> ⓘ Account Info - UI frontend	#27 opened on Mar 29 by mecosteas					
<input type="checkbox"/> ⓘ Campus Map - UI frontend	#25 opened on Mar 29 by mecosteas					
<input type="checkbox"/> ⓘ Orders to Deliver - Hook Up to BE frontend	#24 opened on Mar 29 by mecosteas					
<input type="checkbox"/> ⓘ Order Confirmation Modal - UI frontend	#23 opened on Mar 29 by mecosteas					
<input type="checkbox"/> ⓘ Restaurant Profile - UI frontend	#20 opened on Mar 29 by mecosteas					
8 Open ✓ 26 Closed						
<input type="checkbox"/> ⚠ SFSU Customer registration email validation frontend	#70 by mecosteas was closed 3 days ago					
<input type="checkbox"/> ⚠ Need meaningful field validation messages when errors occur frontend	#69 by mecosteas was closed 3 days ago					
<input type="checkbox"/> ⚠ Restaurant Registration Image - UI frontend	#68 by mecosteas was closed 3 days ago					
<input type="checkbox"/> ⚠ Registrations - UI frontend	#67 by mecosteas was closed 3 days ago					
<input type="checkbox"/> ⚠ Create cuisines table and insert cuisine data into it - DB frontend	#54 by mecosteas was closed 2 days ago					
<input type="checkbox"/> ⚠ Modify navbar according to feedback - UI frontend	#53 by mecosteas was closed 19 days ago		1			
<input type="checkbox"/> ⚠ Search - API backend	#39 by mecosteas was closed 23 days ago		1			
<input type="checkbox"/> ⚠ Checkout/Shopping Cart - API backend	#38 by mecosteas was closed 4 days ago					
<input type="checkbox"/> ⚠ Order Status - API backend	#37 by mecosteas was closed 14 days ago		1			
<input type="checkbox"/> ⚠ Orders To Deliver - API backend	#36 by mecosteas was closed 14 days ago		1			
<input type="checkbox"/> ⚠ Add Menu Item - API backend			1			



Order api #60

mecosteas merged 6 commits into `dev` from `orderAPI` 16 days ago

Input: `RestaurantOrder`

- ↑ AlexHappyCode and others added 4 commits 22 days ago
 - o 🟢 creating unit test/endpoint/model for creating a restaurant order cb20727
 - o 🟢 removed middleware accountInfo temporarily f0cc978
 - o 🟢 created endpoints, jest tests, and models for orders 0fa3d04
 - o 🟢 added order status test and end point f4a35af



jacobseba commented 20 days ago

Author



...

Added order status end point and unit test.

- ↳ jacobseba linked an issue that may be closed by this pull request 20 days ago

Order Status - API #37

Closed

- o 🟢 added setOrderStatus endpoint so the front end can change the orderSt... ... dd6adb1

- ↳ AlexHappyCode linked an issue that may be closed by this pull request 18 days ago

Orders To Deliver - API #36

Closed

- o 🟢 Merge branch 'dev' into orderAPI

Verified

86976c5



mecosteas commented 16 days ago



...

There were some strange things going on like the body parser module being commented out and the accountinfo route was removed. I'll merge it anyway. if something breaks, it's probably because of this



mecosteas closed this 16 days ago

Projects

None yet

Milestone

No milestone

Linked issues

Successfully merging this pull request may close these issues.

Order Status - API

Orders To Deliver - API

Notifications

Customize

Unsubscribe

You're receiving notifications because you modified the open/close state.

3 participants



Lock conversation

Team Member Self Assessment and Contributions

AP

Alexander Richard Pena

Milestone 5 self-contribution

To: Roberto Le Bon Herman Valdivia, Alexander Richard Pena, Jarvis Yu, Amit Joshi, Jacob Sebastian & 1 more

Inbox - SFSU 4:50 PM

Details

Self Assessment Alexander Pena

a. Contributions

Back end, Express Routes, Unit Tests, authentication, Database Structuring, creating database models.

b. Number of submissions:

Pull Requests - 14

Commits - 73

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

I surprisingly did not have that many challenges because I had a great team. One thing that challenged me was working with the front end and connecting the backend with React. Thankfully Roberto was really good with this and he was able to show me and help me do this. Another challenge I had was learning some new technologies in node.js. Namely, using Jest was a bit difficult to learn. We used Jest to create unit tests which are very valuable to any project. Although I think we are all learning the technologies and none of us are full blown experts yet, we did run into some problems with the asynchronous nature of node.js and using Jest as our unit tests. Although this was not a huge set back because although unit tests are extremely valuable, they are not necessary for a project. Apart from technical challenges, there was also the challenge of communicating with team members. I myself am not the perfect team member, but I think there is a lot to improve on when it comes to communication. By this I mean understanding how other people are doing on the project, if they are struggling with something, or if they are planning to do anything at all. A lot of the times I felt in the dark, but overall I think we managed well as a team.

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

There is a lot I can do better in the future projects I will be a part of. One thing that I feel like I can improve on more than anything is learning to ask for help when I need it. I think it is really easy to get overwhelmed with problems and tasks that it gets really easy to ignore them and let them build up even further, making things worse. I think learning to ask for help is invaluable to any group effort, and I need to remind myself that it is okay to ask for help. A big part of this is learning to be better at communication. As stated in the project management unit in class, the number one reason why projects fail is not due to technical reasons but due to bad project management and teamwork. It turns out that being a software engineer is a lot more about teamwork than I had previously thought. Teamwork is really a major contributing factor to whether or not a project will succeed. Another aspect of software engineering that I will do better next time is really keeping everything I do organized and documented. This project showed me how important it is to write good commits, comments, and documentation. Without doing these the code can quickly turn into unmaintainable code and when an error comes around, it will be very difficult to debug. To sum, I can improve on communication and writing better documentation.

Amit Joshi

Team 3 Milestone 5 Email

Inbox - SFSU

Yesterday at 11:56 PM

To: Roberto Le Bon Herman Valdivia, Alexander Richard Pena, Jacob Sebastian, Jarvis Yu, Angela Guadalupe Avina Garcia

A)

- I contributed all the tasks I received. I was on the frontend team and I began coding as soon as possible to not delay getting any issues later on. So that helped me a lot because we had to set MySQL up and make sure we are track. Also developed the figma drawing's me and the front-end team developed well on that. On milestones 1-5 I have also contributed and did my part. I have shown up maybe once late to our zoom meetings we had each week. By starting everything early it helped our group and for everyone else to stay on same page together.

B)

- Number of submissions made to GitHub is 7 commits.

C)

- The main challenges I encountered in the team project was I should've been more of expert on the command lines for pull request and also using command more to push to new branch. I was very much worried at times and I should've asked help right away if I wasn't too sure. Only cause this was my first time working in big group so I had to make sure I was solid.

D)

- Next time I will take more risks in asking more questions because more answers I get will help me more in the future. I also will be more knowledgeable on having more commit counts going up as well because I just kept it straight simple so maybe adding and updating the commit counts wouldn't hurt. I also think I need to stop rushing in my code because I know what I can do my best but the rushing hurts me the most and causes stress so I should be calm and everything.

Amit Joshi

Computer Science

Undergrad Student

San Francisco State University

JS

Jacob Sebastian

Milestone 5 Self Assessment

Inbox - SFSU 3:39 PM

To: Roberto Le Bon Herman Valdivia, Alexander Richard Pena, Jarvis Yu, Amit Joshi, Angela Guadalupe Avina Garcia

1. Contributions to team project
 - a. Contributed with ideas at the start of the project
 - b. Contributed to the tasks assigned to the backend team
 - c. Helped with milestone documentation.
2. Number of submissions made to GitHub: 9 commits
3. The main challenges I faced were due to a lack of knowledge about the backend development. I learned a lot working on this project but could have contributed more. I did not have a very good idea about all the tools used for this project and therefore took some time to understand how everything worked.
4. I learned a lot from this class, both technical and otherwise. I had never worked in such a big group before, and this was a very valuable experience. In the future, I will have to be better prepared by having a better idea about the tools being used for the project so that I don't always start from scratch and learn everything. I would also be more well versed in the use of GitHub while working on something with a big group.

JY

Jarvis Yu

Milestone 5 Self Assessment

Inbox - SFSU 2:31 PM

To: Roberto Le Bon Herman Valdivia, Alexander Richard Pena, Jacob Sebastian, Angela Guadalupe Avina Garcia, Amit Joshi

A.

- Created the first iteration of the homepage
- Created and styled the customer registration
- Created and styled the restaurant registration
- Created and styled the driver registration
- Connected the backend to frontend for the list of cuisines in restaurant registration
- Connected the backend to frontend for the list of restaurants in driver registration
- Created backend API to fetch restaurant names
- Created the login modal
- Refactored registration pages code into React components
- Added change password functionality and modals in account page
- Helped with implementing some other front end functionalities

B. As of the time of this writing, 23 commits have been made on GitHub.

C. One of the main challenges that I faced was learning a new language. Since I only had experience from CSC 317 which consisted only of HTML and CSS, learning to use a new library in React was a big learning curve. Another thing was learning how to give the front end functionalities by connecting it to the back end. The last thing was helping my other group members. Since I was not familiar with React, I was limited in helping capability.

D. As the Front End Lead, I should have kept more up to date with his front end team members and checked on their status more frequently through agile meetings. Also with this new knowledge, I can help my team members more next time.



Angela Guadalupe Avina Garcia

team 3 milestone 5 email

To: Roberto Le Bon Herman Valdivia, Alexander Richard Pena, Jarvis Yu, Amit Joshi, Jacob Sebastian

Inbox - SFSU Yesterday at 11:26 PM



a) Contributions to team project and teamwork

- Contributed to the task assigned in Github
- Was part of the front end
- Contributed to the group documents

b) Number of Submissions to Github

- Submissions to GitHub: 5 commits

c) Challenges encountered in the team project

- For this project, the challenge that I had encountered was that I was not very comfortable with programming itself. I came into this class thinking that I was still at the beginner's knowledge of programming. I found it at times difficult when working on the project because I was not too familiar with Bootstrap or react. For that, I had to watch videos and ask lots of questions. I also struggled with doing things quickly it takes me a really long time to program. I also continuously had problems with my IDE because I couldn't update it and whenever I could I would encounter multiple errors.

d) What can I do better in

- I for sure know that I can work on making multiple commits and committing often. That way it is a lot more clear to see what I have been working on rather than having one big commit. This will also help the team know what I am working on. I would also work on my programming skills since they are still at an intermediate level. I learned that the only way makes progress is to ask questions when I am stuck so that I don't waste time being confused.

RH

Roberto Herman

Milestone 5 Self Assessment and Contributions

To: Alexander Richard Pena, Jacob Sebastian, Angela Guadalupe Avina Garcia, Amit Joshi, Jarvis Yu

Sent - SFSU 8:54 AM

My contributions to the team included:

- Scheduling team meetings
- Checking up on team member's progress
- Delegating tasks
- Setting deadlines
- Working on both front end and back end
- Passing on knowledge from my previous experience working with the tech stack we used
- Making sure milestone documents were done according to CEO's instructions and they were being updated after feedback was received.
- Ensuring tasks were performed on time and submitting them to CEO/CTO.
- Ask questions and bring up any of our team's concerns up to the CEO for clarification.
- Performing code reviews and making sure coding standards and good practices were being followed
- Managing app deployment to AWS

Number of submissions made to GitHub Dev branch: 99 commits

Main challenges encountered:

Each of my team members was very different in the way they worked and communicated. Some communicated with me when they were starting a task, when they were in the middle of it, and when they were done. Others did none of that. I found it difficult trying to guess what was going through their mind. I'd ask myself questions about whether they needed help with things or not. I always told them they could reach out at any time and ask me questions, but I didn't get as many as I expected. I'm not sure if they were afraid to ask or didn't know what to ask. Some team members worked faster than others, so it was also tricky to estimate when things would get done or who to give more or less work to. Another thing that presented a challenge was that they all have different programming skill levels. At the beginning, I shared some of my knowledge about the tech stack we were using and recorded those Zoom meetings, hoping that by the end of the semester, the difference between our programming knowledge would be more leveled, but that wasn't the case. I think there are a lot of variables that play into why that wasn't the case, like amount of time available to learn outside of class. Some team members have a lot of other responsibilities besides school, so I completely understand. However, I found myself having to make up for a lot of this lack of technical knowledge, and that was a challenge of its own. Besides that, here's a list of other challenges:

- Getting team members to contribute more and motivating students to learn on their own.
- Delegating tasks in a way that everyone could work on their own task without having to wait for someone else to finish (give out tasks that were independent of one another).
- DevOps tasks such as figuring out how to set up a React-Node-Express app hosted on AWS and learning how requests are routed and proxied with Nginx.
- Learning how to work with MySQL in node and "promisifying" things in Node.js. I ran into concurrency issues since Node is asynchronous, especially when running test suites that use the same data from the DB.
- Keeping things modular and keeping our files organized in a cohesive manner—avoiding spaghetti code.

Things I would do different:

Some things that I think could have made things work better would be to set strict deadlines. I think I was too lenient on them. Some team members did the same task in one week and others took a month. I think having a strict deadline would have prevented that situation to happen. I think I could have done a better job planning out the tasks. We used GitHub for managing them, and I don't think I updated them often enough. I think I put too much responsibility on myself when I should have put some of that on my FE and BE leads. It would have been nice to have 3 people lead the project instead of just me. I think this would have forced them to think about what needed to be done instead of everyone waiting on me to decide the next step. I think I ended up creating an environment where deciding what to do next depended all on me, and this was my biggest mistake. Instead, I should have had closer collaboration with the FE and BE leads and let them take more leadership and ownership.

