

Project Description

1.1 Project

Saga's Shop

1.2 Description

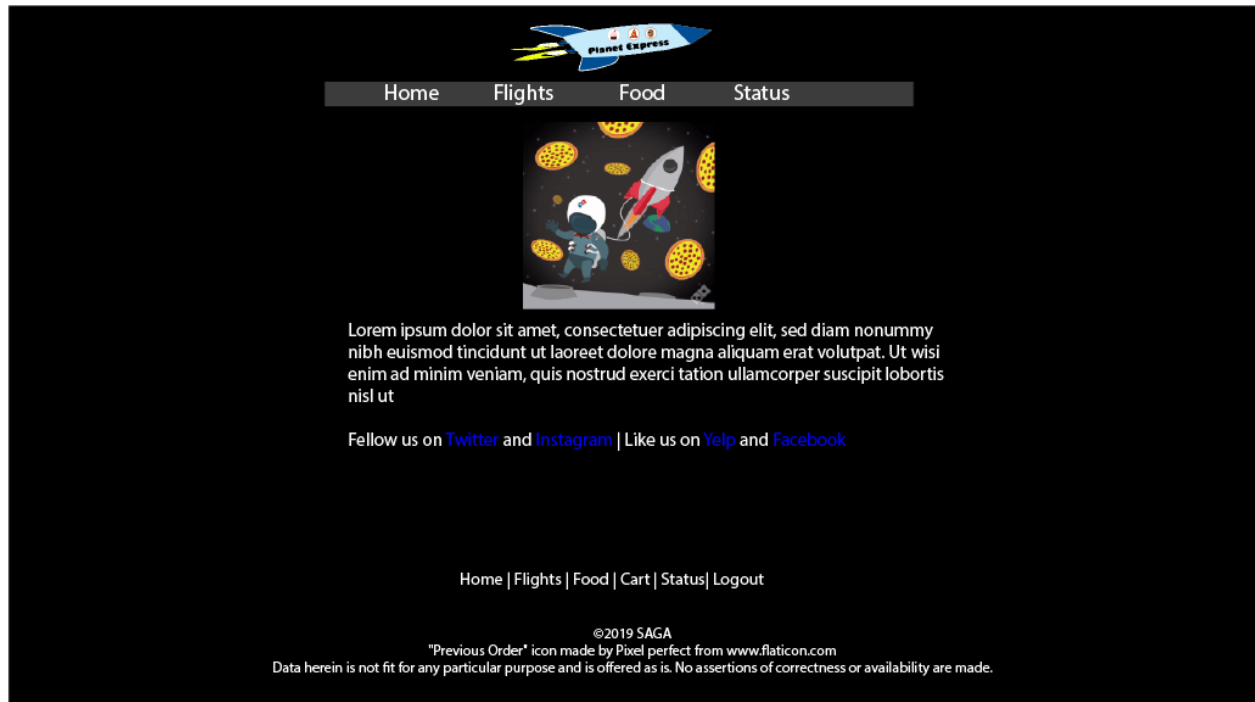
The purpose of this web app is to provide a shopping cart service for the fabricated Saga's Shop. On this website, the customer is able to login into their account and order from the services provided in the Saga's Shop. This application provides a login website, a home page, a web page for placing the rocket flight rideshare services and food orders. There is also a webpage for checking the status of the order. The customer is also able to check on their previous orders, check their cart, and logout.

This website uses different APIs such as the TheMealDB API, and the OpenWeatherMap API. TheMealDB API is used on the "food order" page in order to populate possible meals. The OpenWeatherMap API is used to check the weather for favorable conditions on the "status" page. Test username was "poe@email.net" with password "abc123". The admin page can be found at "/admin" and can be accessed with username "admin" and password "globalP4ss!potato". By design, the admin page is not accessed with any button, as users should not have easy access. In order to reach the admin page, manually navigate to "<https://sagas-shop.herokuapp.com/admin>".

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2. Mockup



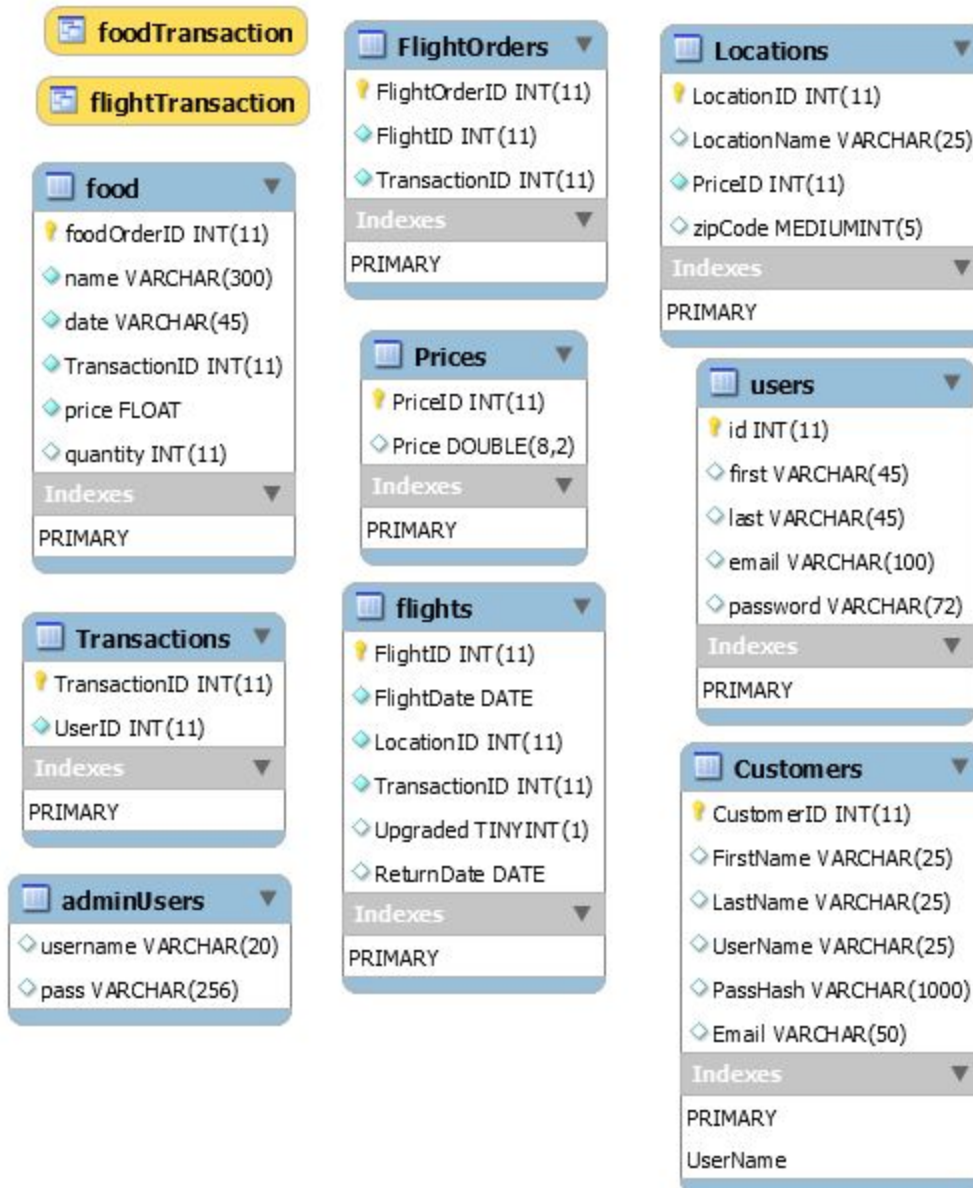
3. Project Team Saga

Shelly Sun	<ul style="list-style-type: none"> • Login panel: CHECK Shelly • Logo: CHECK Shelly • Home: CHECK Shelly <ul style="list-style-type: none"> ◦ Landing page <ul style="list-style-type: none"> ■ Pizza guy ■ Rocket • Order Food CHECK Shelly <ul style="list-style-type: none"> ◦ Food items ◦ Filter using min. 3 fields
Greg Brown	<ul style="list-style-type: none"> • All Pages Greg <ul style="list-style-type: none"> ◦ Navigation bar <ul style="list-style-type: none"> ■ Home page

	<ul style="list-style-type: none"> ■ Check Status page ■ Order Food page ■ Schedule Flight page ○ Cart Button ○ Login Button ○ Footer ● Checkout CHECK Greg/Shelly <ul style="list-style-type: none"> ○ Cart summary ● Admin login BASIC Greg <ul style="list-style-type: none"> ○ User, pass ● Admin tools BASIC Greg <ul style="list-style-type: none"> ○ Update ○ Insert ○ Delete ○ Generate 3 reports
Andrew Bell	<ul style="list-style-type: none"> ● Check Status CHECK Bell <ul style="list-style-type: none"> ○ Cancelled/not cancelled ○ Weather outlook
Andrew Terrado	<ul style="list-style-type: none"> ● Order Confirmation CHECK Terrado <ul style="list-style-type: none"> ○ Confirmation number ○ Summary ● Schedule Flight CHECK Terrado <ul style="list-style-type: none"> ○ List of flights/locations ○ Filter using min. 3 fields

4. Database schema

4.1 ER Diagram



4.2 20 records in users table

first	last	email	password
Admin1	Admin1	admin@sagashop.com	abc123
Antoine	de Saint-Exupery	antoine@email.net	abc123
William	Faulkner	faulkner@email.net	abc123
George	Byron	george@email.net	abc123
Francis	Fitzgerald	francis@email.net	abc123
Victor	Hugo	victor@email.net	abc123
Bertrand	Russell	bertrand@email.net	abc123
Agatha	Christie	agatha@email.net	abc123
Oscar	Wilde	oscarw@email.net	abc123
Leo	Tolstoy	leot@email.net	abc123
Leonid	Andreyev	lenoid@email.net	abc123
Anton	Chekhov	antonc@email.net	abc123
Fyodor	Dostoevsky	fyodor@email.net	abc123
Charles	Dickens	charlesd@email.net	abc123
Mark	Twain	mark@email.net	abc123
Edgar Allan	Poe	poe@email.net	abc123
Ernest	Hemingway	ernest@email.net	abc123
Jane	Austen	jane@email.net	abc123
William	Shakespeare	williams@email.net	abc123
Francois	Arouet	voltaire@email.net	abc123

5. Screenshots

Default Status Page pulls first 5 flight and food orders by upcoming date. When on Date of flight the status page will update any flights that are going during bad weather (uses open weather map API).


Order Number Search:


--Next Flights--


Flights may be moved on the day of due to unpredictable weather (and Open Weather Map API free license only giving current weather data).


Flight Order: 136


Location: Cape Canaveral Flight Date: Tue Dec 10 2019 Days to Flight: 0 Order Status: Delivered


Ordered


Processing



Preparing



In Flight



Delivered


Flight Order: 154


Location: Cape Canaveral Flight Date: Tue Dec 10 2019 Days to Flight: 0 Order Status: Delivered


Ordered


Processing



Preparing



In Flight



Delivered


Flight Order: 57


Location: Cape Canaveral Flight Date: Tue Dec 10 2019 Days to Flight: 0 Order Status: Delivered


Ordered


Processing


Preparing



In Flight



Delivered


Flight Order: 129


Location: Cape Canaveral Flight Date: Tue Dec 10 2019 Days to Flight: 0 Order Status: Delivered


Ordered


Processing



Preparing



In Flight



Delivered


Flight Order: 146


Location: Cape Canaveral Flight Date: Tue Dec 10 2019 Days to Flight: 0 Order Status: Delivered


Ordered


Processing


Preparing



In Flight



Delivered


--Next Food Orders--

Food Order: 183


Delivery Date: Tue Dec 10 2019 Days to Delivery: 0 Order Status: Delivered


Ordered


Processing


Preparing


In Flight


Delivered

Searching the Flight Status Page by Order Number.

The screenshot displays the Planet Express website interface. At the top, a navigation bar includes links for Home, Flights, Food, and Status. Below the navigation bar is a large illustration of an astronaut floating in space with a rocket and planets. A search bar labeled "Order Number Search:" contains the text "136". Below the search bar, the text "--Next Flights--" is displayed, followed by a red warning message: "Flights may be moved on the day of due to unpredictable weather (and Open Weather Map API free license only giving current weather data).". The main content area shows the flight status for "Flight Order: 136". The status bar is green and contains five icons representing the stages: Ordered (shopping cart), Processing (clock), Preparing (atom symbol), In Flight (rocket), and Delivered (checkmark). Below the status bar, the text "Location: Cape Canaveral Flight Date: Tue Dec 10 2019 Days to Flight: 0 Order Status: Delivered" is displayed. At the bottom of the page, there is a footer with links for Home, Flights, Food, Cart, Status, and Logout, followed by the copyright notice "©2019 SAGA" and a disclaimer: "Previous Order" icon made by Pixel perfect from www.flaticon.com. Data herein is not fit for any particular purpose and is offered as is. No assertions of correctness or availability are made.

Planet Express

Home Flights Food Status

Order Number Search: 136

--Next Flights--

Flights may be moved on the day of due to unpredictable weather (and Open Weather Map API free license only giving current weather data).

Flight Order: 136

Location: Cape Canaveral Flight Date: Tue Dec 10 2019 Days to Flight: 0 Order Status: Delivered

Ordered Processing Preparing In Flight Delivered

Flight Order: 136

Location: Cape Canaveral Flight Date: Tue Dec 10 2019 Days to Flight: 0 Order Status: Delivered


Ordered Processing Preparing In Flight Delivered

Home | Flights | Food | Cart | Status | Logout


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"Previous Order" icon made by Pixel perfect from www.flaticon.com

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planetexpress.net

HomeFlightsFoodStatus




Order food

Meal

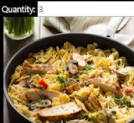
Diet

Cuisine



● Meal: Budino Di Ricotta
Menu id: 52961
Price: \$6.00


Quantity:




Food Order

Book your Space Adventure!


Choose your Launch Site!



● Kennedy Space Center
Florida
Price: \$100,000



● Vandenberg AFB
California
Price: \$100,000



● SpaceX South Texas
Elon gives his regards.
Price: \$250,000

Choose Date & Priority!

Pick a Launch Date

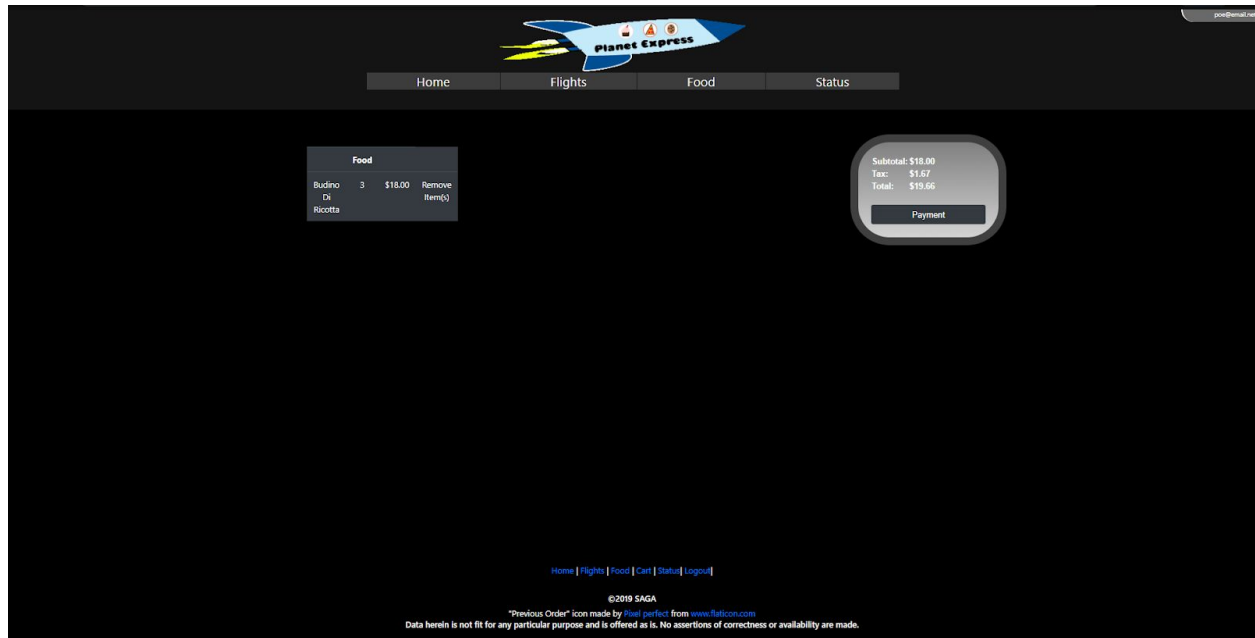
Pick a Return Date

● Priority Boarding
Enjoy our lounge and SAGA museum. Meet the founders at the launchpad and board the SAGA-ship first.
+\$50,000

● Non-Priority Boarding
I just wanna go to space.
+\$0

Confirm!

Flight Order

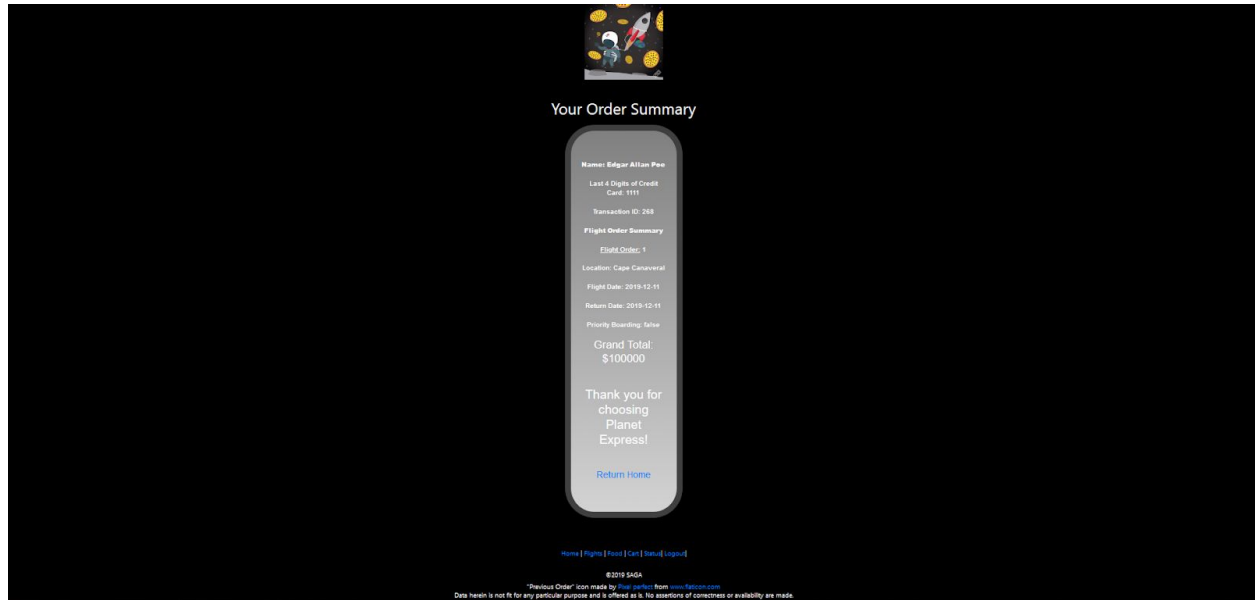


Cart

The screenshot shows the Planet Express website with a dark theme. At the top, there is a navigation bar with links: Home, Flights, Food, and Status. Below the navigation bar, there is a checkout form with the following fields:

- Name:
- Address 1:
- Address 2:
- City:
- State:
- Zip:
- Country:
- Card:
- Exp: /
- CCV:
- Place Order:

Checkout



Confirmation

6. Reference

TheMealDB (n.d.). Retrieved from <https://www.themealdb.com/api.php>

Open Weather (n.d.). Retrieved from <https://openweathermap.org/>