

Replit Link:

<https://replit.com/@GabrielleLake/RuntimeTerrorVendingMachine#views/order.ejs>

Join Link: <https://replit.com/join/ktkhrvwmbm-gabriellelake>

Group Members:

- Gabrielle Lake
- Ryan Pheang
- Paul Nguyen
- Erik Morris

1) Project Title

- Runtime Terror's Fancy Vending Machine

2) Project Description or User Stories

- Regular Users will be able to:
 - Sign Up & Login: The user can log into the website, and if they don't have an account yet, they can sign up for one
 - Choose a food category: The user will select a food category from a dropdown menu.
 - Choose Customizations: The user will have radio buttons and checkboxes which will allow the user to customize their order.
 - Add Item to Cart: After making customizations, the user will be able to click a button that allows them to add their current item to their cart.
 - View Cart: The user will be able to view their cart at any time by clicking a button in the navigation bar
 - Buy Items: The user can click a button to purchase the items in their cart.
 - Clear Cart: The user can click a button to clear their cart.
 - View & Edit Profile Information: The user will be able to view their profile and can choose to edit any fields.

3) Changes from Original Design

- We aren't having the user input payment information
- Added more information to the home screen
- View Cart is a button that makes a modal pop up instead of a separate route/page

4) Screenshots of Website

Runtime Terror's Fancy Vending Machine

Login Page

Username:

Password:

Login

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

Runtime Terror's ^(Team 6) Final Project 2021

Gabrielle Lake, Erik Morris, Paul Nguyen, Ryan Pheang

Disclaimer: The information in the webpage is completely fictitious.
But for academic purposes only.

Runtime Terror's Fancy Vending Machine

Sign Up Page

Enter First Name:

Enter Last Name:

Enter Your Favorite Food:

Create Username:

Create Password:

Sign Up

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Runtime Terror's Fancy Vending Machine

[Home](#) [Order](#) [Profile](#) [Logout](#)

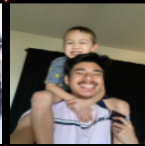
[View Cart](#)

Welcome to our Vending Machine! Click "order" on the Navigation Bar to get Started!

About Us:



Gabrielle Lake
Frontend Engineer



Ryan Pheang
Backend Engineer



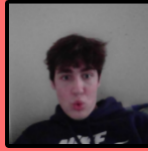
Erik Morris
Backend Engineer



Paul Nguyen
Backend Engineer

Programming Language	Years Experience
Java	1.5
C	1

Frontend Engineer Backend Engineer



Erik Morris
Backend Engineer



Paul Nguyen
Backend Engineer

Programming Language	Years Experience
Java	1.5
C++	1
Python	1.5
HTML, CSS, JS	1

Our Common Hobbies:

Movies
Books
HTML
CS

Want Us to Add Something New to Our Vending Machine?

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Runtime Terror's Fancy Vending Machine

[Home](#) [Order](#) [Profile](#) [Logout](#)

[View Cart](#)

Food Category: **Snacks** ▼

Options & Customizations:

Item Choice:

- ☐ French Fries \$4.00
- ☐ Potato Chips \$2.00

[Add to Cart](#)

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Runtime Terror's Fancy Vending Machine

[Home](#) [Order](#) [Profile](#) [Logout](#)

[View Cart](#)

Food Category: Meals



Options & Customizations:

Item Choice:

- ☐ Pizza \$9.00
☒ Hamburger \$12.00
☐ Chicken Nuggets \$8.00

Choose your toppings

☐ Bacon ☐ Lettuce ☐ Tomato ☐ Pickles ☐ Mushroom ☐ Cheese

[Add to Cart](#)

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Runtime Terror's Fancy Vending Machine

Home Order Profile Logout

View Cart

Food Categories Snacks

Cart Info



Gabrielle Lake

Item 1: Hamburger: \$ 12.00

Item 2: Pizza: \$ 9.00

Item 3: Pizza: \$ 9.00

Item 4: Vanilla Ice Cream: \$ 3.00

Item 5: Potato Chips: \$ 2.00

Item 6: Sprite: \$ 2.00

Item 7: Skittles: \$ 2.00

Item 8: Potato Chips: \$ 2.00

Subtotal: \$41.00

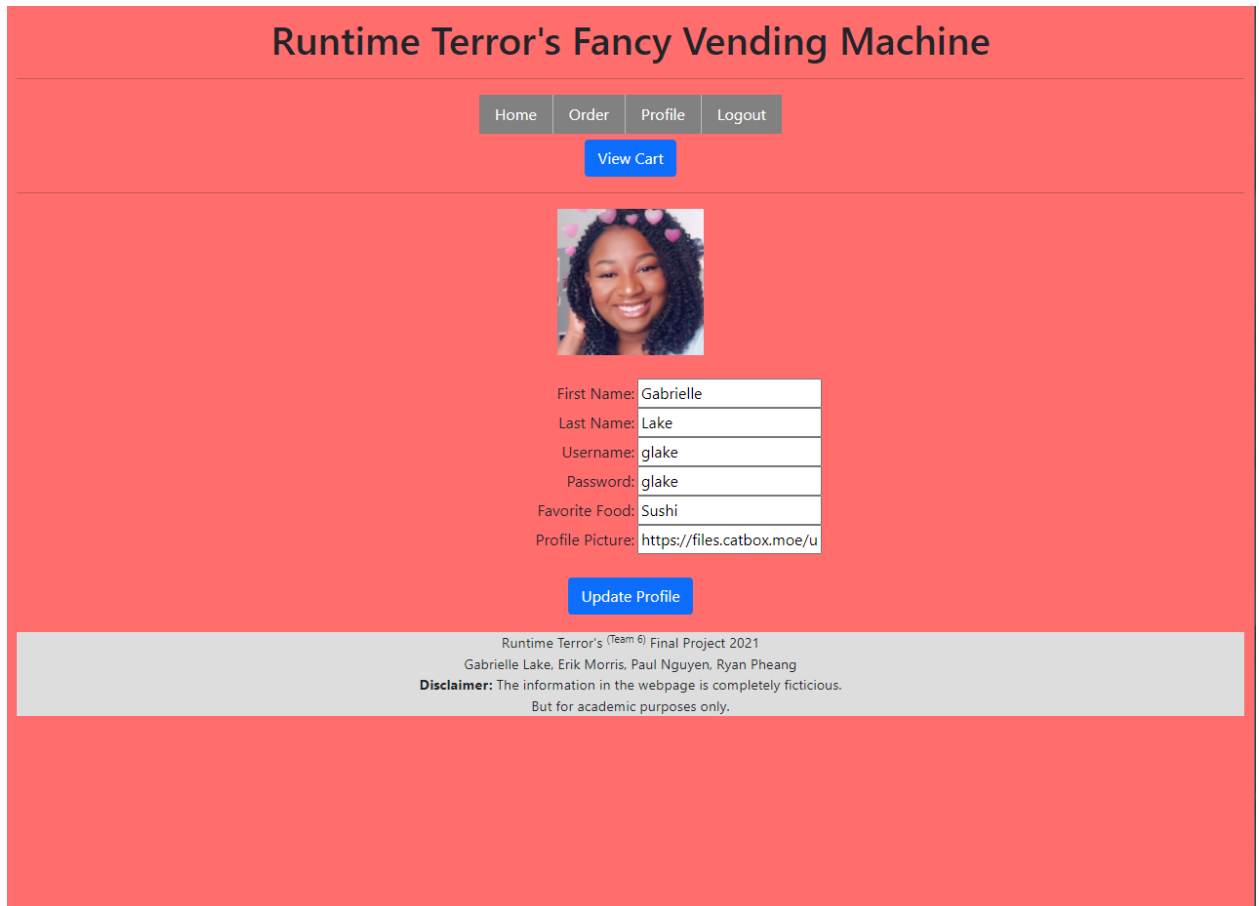
Tax: 10%

Total: \$45.10

Buy Now

Clear Cart

Close



5) Workload Distribution (include the name of each team member)

- **Gabby:** Frontend
 - Setting up our project(creating the folders & files that are necessary), working with Bootstrap, CSS, & images, and checking for any typos
 - Helped with backend work
- **Ryan:** Backend
 - Working with the database tables, ejs files, and routes
- **Paul:** Backend
 - Working with the database tables, ejs files, and routes
- **Erik:** Backend
 - Working with the database tables, ejs files, and routes

6) Fetch Calls

- Using Pixabay API to display the pictures of the food items
 - Written in the scripts.js file
- Using a Local API to gather information about the user
 - Written index.js file

7) Database Schema:

- Screenshots:

SELECT * FROM `cart` LIMIT 50 (0.112 s) Edit

<input type="checkbox"/> Modify	cartId	customerId	foodId
<input type="checkbox"/> edit	94	1	15
<input type="checkbox"/> edit	111	1	6
<input type="checkbox"/> edit	112	1	4
<input type="checkbox"/> edit	113	1	14
<input type="checkbox"/> edit	114	1	2
<input type="checkbox"/> edit	115	1	2
<input type="checkbox"/> edit	116	1	15
<input type="checkbox"/> edit	117	10	1
<input type="checkbox"/> edit	119	3	15
<input type="checkbox"/> edit	120	3	8
<input type="checkbox"/> edit	127	1	3

Whole result
☐ 11 rows

Modify

Selected (0)

Export (11)

Import

Select data Show structure Alter table New item

Limit Text length

SELECT * FROM `customers` LIMIT 50 (0.113 s) Edit

<input type="checkbox"/> Modify	customerId	firstName	lastName	favoriteFood	username	passwordPlain	password	profilePicture
<input type="checkbox"/> edit	1	Gabrielle	Lake	Sushi	glake	glake	\$2a\$10\$GLP1emw0bQ57s0Oo8tZvE0qgr8hc3HYH8OCQTXzuYJuOMs7iy75	https://files.catbox.moe/u49ean.jpg
<input type="checkbox"/> edit	2	Ryan	P	Noodles	rpheang	rpheang	\$2b\$10\$Z9nJVgMKj1zWlqWVsnfTG9vQzQ1occClRwXlyY5aPj7rwyAD1kO	https://files.catbox.moe/z0rcp0.jpg
<input type="checkbox"/> edit	3	Erik	Morris	Vanilla	emorris	emorris	\$2b\$10\$1zc5kmSovlSaLeEvxuLSoeNliw0/SA50sqLptdJOXyMcwkdfbt7YC	https://files.catbox.moe/5pg8pl.jpg
<input type="checkbox"/> edit	4	Paul212224	Nguyen2313	Chicken Wings2	pnguyen	pnguyen	\$2b\$10\$2PLqLivLug/bcZWSJfMXeaZNDtwN55NqQNIKEH4V14tQHQWorvlu	https://files.catbox.moe/yvzx6.jpeg
<input type="checkbox"/> edit	10	Administration	Executive	cookies	admin	secret	\$2a\$10\$VWC5jyz7YzQb5MRIVashWuTG.s583m.vTIT06gyzZ2cTtsr1AeuVK	https://riverlegacy.org/wp-content/uploads/2021/07/blank-profile-photo.jpeg
<input type="checkbox"/> edit	20	Tom	Cruise	Pizza	Maverick	TopGun	\$2b\$10\$peEXTzKNaBf2wifF2LAws.FDuAV66W9KkkBIUHe5ZU22n/D46eZkq	https://riverlegacy.org/wp-content/uploads/2021/07/blank-profile-photo.jpeg
<input type="checkbox"/> edit	21	Joseph	Arredondo	Pizza	JosephArr12	Secret	\$2b\$10\$fIZlacHpYUOee9b0Q781.VXCKcDR3M9eA5Z6qnDU87IZWYEOU2.	https://riverlegacy.org/wp-content/uploads/2021/07/blank-profile-photo.jpeg

Whole result
☐ 7 rows

Modify

Selected (0)

Export (7)

Import

SELECT * FROM `fooditems` LIMIT 50 (0.111 s) Edit

<input type="checkbox"/> Modify	foodId	title	price	category
<input type="checkbox"/> edit	1	French Fries	4	Snacks
<input type="checkbox"/> edit	2	Pizza	9	Meals
<input type="checkbox"/> edit	3	Hamburger	12	Meals
<input type="checkbox"/> edit	4	Sprite	2	Drinks
<input type="checkbox"/> edit	5	Dr.Pepper	2	Drinks
<input type="checkbox"/> edit	6	Vanilla Ice Cream	3	Frozen
<input type="checkbox"/> edit	7	Chocolate Ice Cream	3	Frozen
<input type="checkbox"/> edit	8	Chicken Nuggets	8	Meals
<input type="checkbox"/> edit	9	Coca-Cola	2	Drinks
<input type="checkbox"/> edit	10	Strawberry Ice Cream	3	Frozen
<input type="checkbox"/> edit	11	Twix	2	Candy
<input type="checkbox"/> edit	12	KitKat	2	Candy
<input type="checkbox"/> edit	13	Smart Water	3	Drinks
<input type="checkbox"/> edit	14	Skittles	2	Candy
<input type="checkbox"/> edit	15	Potato Chips	2	Snacks
<input type="checkbox"/> edit	16	Bacon	1	Extra
<input type="checkbox"/> edit	17	Cheese	0	Extra
<input type="checkbox"/> edit	18	Truffle	2	Extra
<input type="checkbox"/> edit	19	Pepperoni	0	Extra
<input type="checkbox"/> edit	20	Ham	1	Extra
<input type="checkbox"/> edit	21	Sausage	1	Extra
<input type="checkbox"/> edit	22	Chicken	2	Extra
<input type="checkbox"/> edit	23	Mushroom	0.5	Extra
<input type="checkbox"/> edit	24	Olives	0.5	Extra
<input type="checkbox"/> edit	25	Pineapple	0.5	Extra
<input type="checkbox"/> edit	26	Lettuce	0	Extra
<input type="checkbox"/> edit	27	Tomato	0	Extra
<input type="checkbox"/> edit	28	Pickles	0.5	Extra

-- Adminer 4.8.0 MySQL 8.0.23 dump

SET NAMES utf8;

SET time_zone = '+00:00';

SET foreign_key_checks = 0;

SET sql_mode = 'NO_AUTO_VALUE_ON_ZERO';

SET NAMES utf8mb4;

DROP TABLE IF EXISTS `cart`;

```
CREATE TABLE `cart` (  
  `cartId` bigint NOT NULL AUTO_INCREMENT,  
  `customerId` int DEFAULT NULL,  
  `foodId` int DEFAULT NULL,  
  PRIMARY KEY (`cartId`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

```
INSERT INTO `cart` (`cartId`, `customerId`, `foodId`) VALUES  
(94, 1, 15),  
(111, 1, 6),  
(112, 1, 4),  
(113, 1, 14),  
(114, 1, 2),  
(115, 1, 2),  
(116, 1, 15),  
(117, 10, 1),  
(119, 3, 15),  
(120, 3, 8),  
(127, 1, 3);
```

```
DROP TABLE IF EXISTS `customers`;  
CREATE TABLE `customers` (  
  `customerId` int NOT NULL AUTO_INCREMENT,  
  `firstName` varchar(50) NOT NULL,  
  `lastName` varchar(50) NOT NULL,  
  `favoriteFood` varchar(50) NOT NULL,  
  `username` varchar(25) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci NOT  
NULL,  
  `passwordPlain` varchar(25) NOT NULL,  
  `password` varchar(72) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci NOT  
NULL,  
  `profilePicture` varchar(200) CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci  
DEFAULT NULL,  
  PRIMARY KEY (`customerId`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

```
INSERT INTO `customers` (`customerId`, `firstName`, `lastName`, `favoriteFood`,  
`username`, `passwordPlain`, `password`, `profilePicture`) VALUES
```

(1, 'Gabrielle', 'Lake', 'Sushi','glake','glake',
'\$2a\$10\$GLP1emw0bQS7sO0o6tZvEOqgr8hc3HYhU8f0CQTXzuYJuOMs7iy7S',
'https://files.catbox.moe/u49ean.jpg'),
(2, 'Ryan', 'P', 'Noodles', 'rpheang', 'rpheang',
'\$2b\$10\$Z9nJVgMKj1zWlqWVsnfTGu9wQzQ1occClRwXlyY5aPj7rrwyAD1kO',
'https://files.catbox.moe/z0rcp0.jpg'),
(3, 'Erik', 'Morris', 'Vanilla', 'emorris', 'emorris',
'\$2b\$10\$IzcSkm5ovlSaLeEvxuISoeNiw0/SA50sqLptdJOXyMcwkdf1bt7YC',
'https://files.catbox.moe/5pg8pi.jpg'),
(4, 'Paul212224','Nguyen2313', 'Chicken Wings2', 'pnguyen', 'pnguyen',
'\$2b\$10\$2PLqrLivLug/bcZWSjFMXeaZNDtwN5SNqQNIKEH4V14tQHQQWorvlu',
'https://files.catbox.moe/yvjzx6.jpeg'),
(10, 'Administration', 'Executive', 'cookies', 'admin', 'secret',
'\$2a\$10\$vNC5jyz7YzQb6MRIVashWutG.s583m.vTIT06gyzZ2cTTsr1AeuVK',
'https://riverlegacy.org/wp-content/uploads/2021/07/blank-profile-photo.jpeg');

```
DROP TABLE IF EXISTS `fooditems`;
CREATE TABLE `fooditems` (
  `foodId` int NOT NULL AUTO_INCREMENT,
  `title` varchar(50) NOT NULL,
  `price` double NOT NULL,
  `category` varchar(25) NOT NULL,
  PRIMARY KEY (`foodId`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

```
INSERT INTO `fooditems` (`foodId`, `title`, `price`, `category`) VALUES
```

```
(1, 'French Fries',4, 'Snacks'),
(2, 'Pizza', 9, 'Meals'),
(3, 'Hamburger', 12, 'Meals'),
(4, 'Sprite', 2, 'Drinks'),
(5, 'Dr.Pepper', 2, 'Drinks'),
(6, 'Vanilla Ice Cream', 3, 'Frozen'),
(7, 'Chocolate Ice Cream', 3, 'Frozen'),
(8, 'Chicken Nuggets', 8, 'Meals'),
(9, 'Coca-Cola', 2, 'Drinks'),
(10, 'Strawberry Ice Cream', 3, 'Frozen'),
(11, 'Twix', 2, 'Candy'),
(12, 'KitKat', 2, 'Candy'),
(13, 'Smart Water', 3, 'Drinks'),
```

(14, 'Skittles', 2, 'Candy'),
(15, 'Potato Chips', 2, 'Snacks'),
(16, 'Bacon', 1, 'Extra'),
(17, 'Cheese', 0, 'Extra'),
(18, 'Truffle', 2, 'Extra'),
(19, 'Pepperoni', 0, 'Extra'),
(20, 'Ham', 1, 'Extra'),
(21, 'Sausage', 1, 'Extra'),
(22, 'Chicken', 2, 'Extra'),
(23, 'Mushroom', 0.5, 'Extra'),
(24, 'Olives', 0.5, 'Extra'),
(25, 'Pineapple', 0.5, 'Extra'),
(26, 'Lettuce', 0, 'Extra'),
(27, 'Tomato', 0, 'Extra'),
(28, 'Pickles', 0.5, 'Extra');

-- 2021-12-08 04:11:42