

Sushi Restaurant CRM

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Description

The Sushi Restaurant CRM is a viable method of managing Customers, Staff and Menu Items. With the CRM, it is easy to add Users and Menu Items. The CRM allows for Users to be added with specific roles and corresponding authentication for those roles.



Features

- CRUD setup for Users and Specific Roles
- CRUD setup for Food Items
- Print out CSV for either Users or Food Items
- Encrypted password encoding for safe User Registration Storage



Planning - User Stories

As a logged-in Admin User, I am able to access restricted pages for editing and maintaining. As a logged-in Admin User, I am able to add other Users and assign Roles for establishing authorized app usage. As a logged-in Admin User, I can print out a list of Users in CSV format. As a logged-in Admin User, I can add Menu Items and print out a list of Menu Items in CSV format.



Planning - Database

The DB holds tables for Menu Items, Users, Roles and User Roles. The User Roles hold the data for User profiles and their assigned Roles. The Menu Items table is to hold data for the Restaurant Menu.

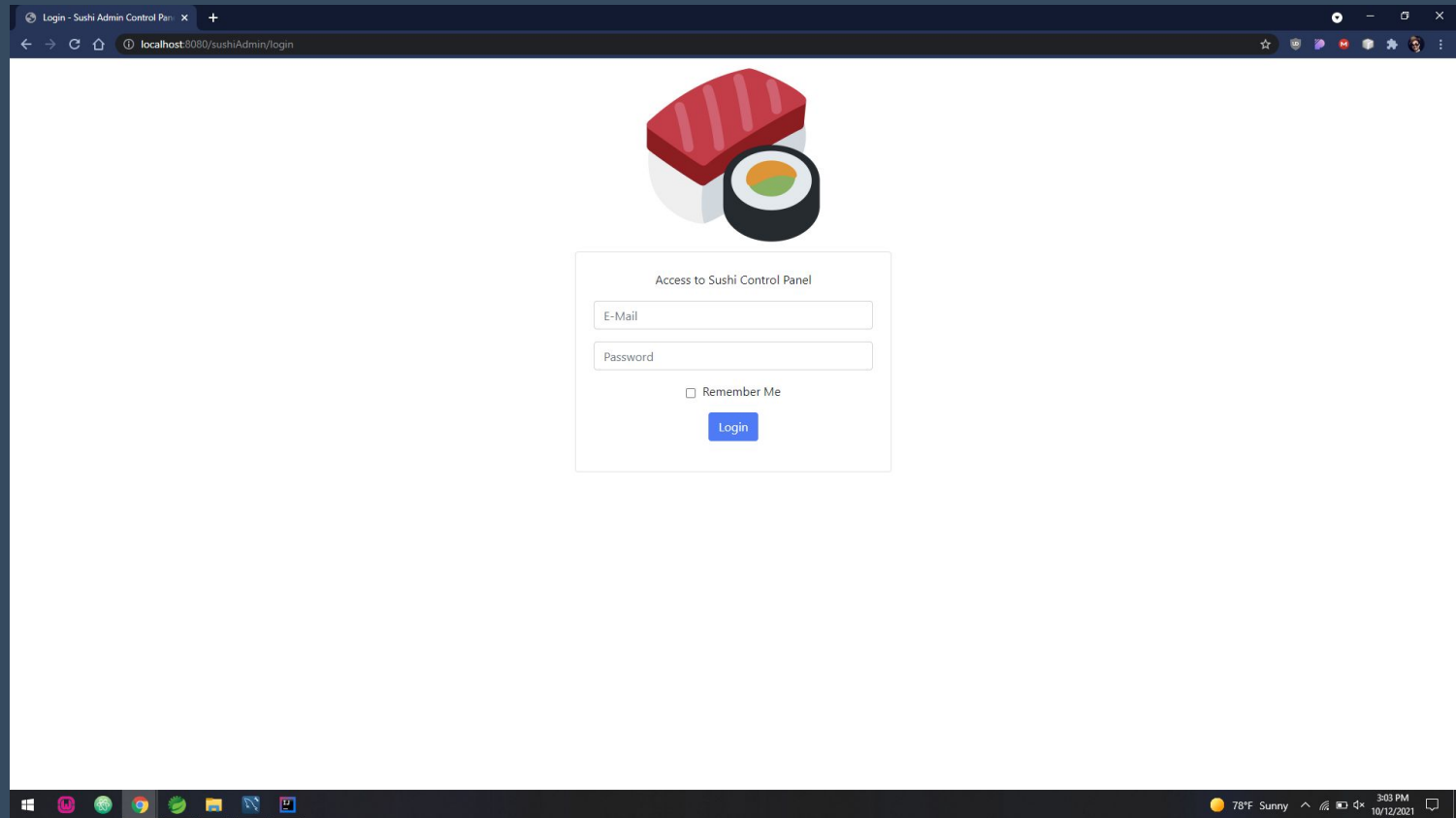


Technology Stack

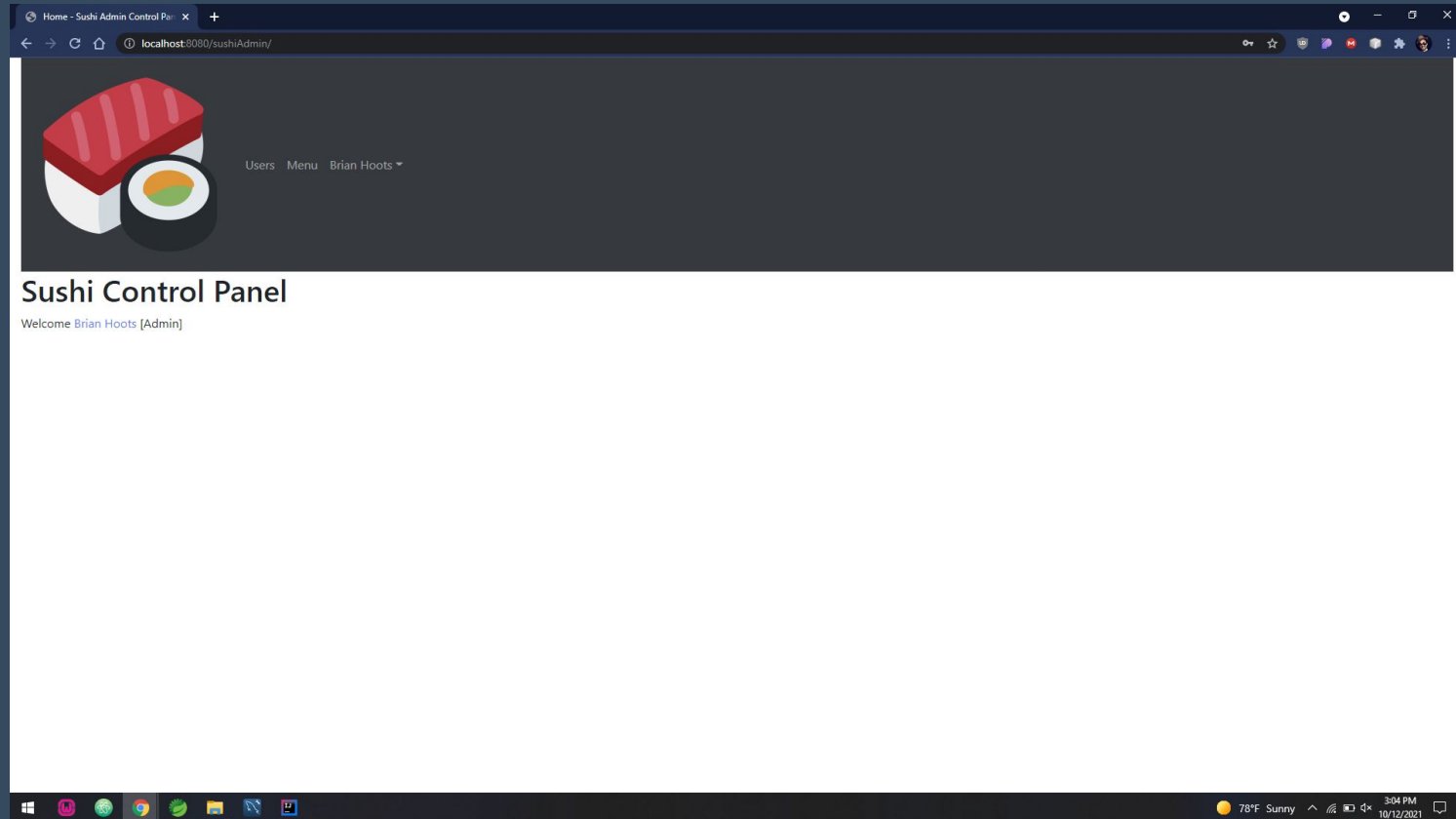
- JAVA, JavaScript, HTML and CSS
- Spring Boot and Bootstrap
- Thymeleaf
- MySQL
- Spring Security, BCryptPasswordEncoder and Super CSV



Demo



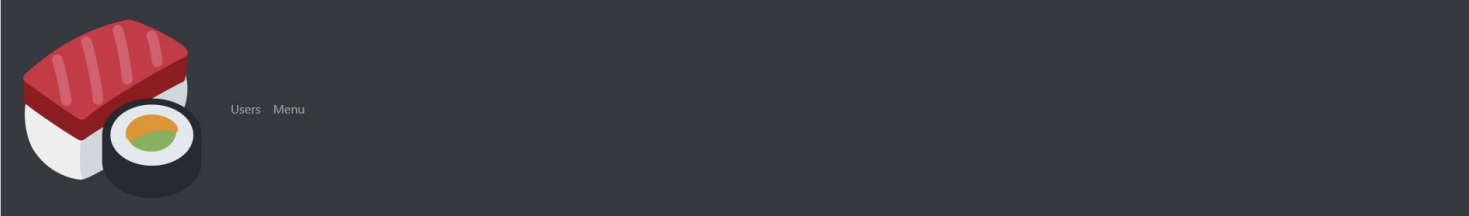
Demo



Demo

Home - Sushi Admin Control Panel

localhost:3080/sushiAdmin/users



Manage Users

Create New User | Export to CSV

User ID	Email	First Name	Last Name	User Roles	Active Status	
1	sushi@gmail.com	Brian	Hoots	[Admin]	true	<button>Edit</button> <button>Delete</button>
4	menace@gmail.com	Dennis	Menace	[Customer]	true	<button>Edit</button> <button>Delete</button>
5	abelincoln@gmail.com	abe	lincoln	[Salesperson]	true	<button>Edit</button> <button>Delete</button>
6	einstein@gmail.com	Albert	Einstein	[Admin]	true	<button>Edit</button> <button>Delete</button>
8	sinatra@gmail.com	Frank	Sinatra	[Assistant]	false	<button>Edit</button> <button>Delete</button>


Windows taskbar: 78°F Sunny 3:34 PM 10/12/2021



Demo

Account Details

localhost:3080/sushiAdmin/account



Users Menu

Your Account Details

E-Mail:

sushi@gmail.com

First Name:

Brian

Last Name:

Hoots

Password:

Enter new password if you'd like to change it

Confirm Password:

Assigned Roles:

[Admin]

Save

Cancel



78°F Sunny 3:18 PM 10/12/2021



Demo

Home - Sushi Admin Control Panel

localhost:3080/sushiAdmin/users

Users Menu

Manage Users

Create New User | Export to CSV

User ID	Email
1	sushi@gmail.com
4	menace@gmail.com
5	abelincoln@gmail.com
6	einstein@gmail.com
8	sinatra@gmail.com

user_2021-10-12_15-34-53 - Excel (Unlicensed Product)

File Home Insert Page Layout Formulas Data Review View Help Tell me what you want to do

Clipboard Font Alignment Number Styles Cells Editing

NOTICE Most features are disabled because your Office product is inactive. To use for free, sign in and use the Web version. Activate Use free at Office.com

User ID	Username	First Name	Last Name	Roles	Enabled
1	sushi@gmail	Brian	Hoots	[Admin]	TRUE
4	menace@gmail	Dennis	Menace	[Custom]	TRUE
5	abelincoln@gmail	abe	Lincoln	[Salesper]	TRUE
6	einstein@gmail	Albert	Einstein	[Admin]	TRUE
8	sinatra@gmail	Frank	Sinatra	[Assistant]	FALSE


user_2021-10-12_15-34-53

Ready

78°F Sunny 3:35 PM 10/12/2021



Demo



Users Menu

Manage Products

[Create New Menu Item](#) | [Export to CSV](#)

The Menu Item has been saved

ID	Menu Item Name	Price	Active Status	
3	Red Dragon Roll	11.0	true	Edit Delete
4	California Roll	10.0	true	Edit Delete
5	Las Vegas Roll	14.0	true	Edit Delete
8	Eel Roll	7.0	true	Edit Delete

78°F Sunny 3:17 PM 10/12/2021

Demo

The image shows a web browser window displaying a 'Sushi Control Panel - Menu List' interface. The interface includes a header with a sushi icon and 'Users Menu' links. Below is a 'Manage Products' section with buttons for 'Create New Menu Item' and 'Export to CSV'. A table lists menu items with columns for ID and Menu Item Name.


ID	Menu Item Name
3	Red Dragon Roll
4	California Roll
5	Las Vegas Roll
8	Eel Roll

Overlaid on the bottom right is an Excel spreadsheet titled 'menu_2021-10-12_15-36-52 - Excel (Unlicensed Product)'. The spreadsheet has columns A through U and rows 1 through 32. The data in the spreadsheet is as follows:

ID	Name	Price	Description	Created T	Updated T	Enabled	In Stock
3	Red Dragon	11	Savory ee	29:55.1	29:55.1	TRUE	TRUE
4	California	10	Cannot go	34:18.0	34:18.0	TRUE	TRUE
5	Las Vegas	14	What hap	47:29.4	47:29.4	TRUE	TRUE
8	Eel Roll	7	Pretty dar	13:12.2	13:12.2	TRUE	TRUE

The bottom of the image shows a Windows taskbar with various application icons and a system tray displaying the date and time as 3:37 PM on 10/12/2021.

Demo



Manage Users

Create New User | Export to CSV

User ID	Email
1	sushi@gmail.com
4	menace@gmail.com
5	abelincoln@gmail.com
6	einstein@gmail.com
8	sinatra@gmail.com

MySQL Workbench

Local instance MySQLPEEPH...
File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS
Filter objects
coding_events
peepholepracticeadb
sakila
sushidb
Tables
categories
menu
roles
short_description
users
Columns
Indexes
Foreign Keys
Triggers
Views
Stored Procedures
Functions
sys
techjobs
world

Administration Schemas
Information
Table: users
Columns:
id int(11)
email varchar(128)
enabled bit(1)
first_name varchar(45)
last_name varchar(45)
password varchar(64)

Object Info Session

users

SELECT * FROM sushidb.users;


Result Grid
id email enabled first_name last_name password
1 sushi@gmail.com 1 Brian Hoots \$2a\$10\$HFKFWvnsAO7ae5VJ2t6elcF.FdhbZ...
4 menace@gmail.com 1 Dennis Menace \$2a\$10\$9NP6GdBLZFP3.v3ixwGbuozSQVRdr...
5 abelincoln@gmail.com 1 abe Lincoln \$2a\$10\$NQPQFRCXmFwZwvKJ3TUPs44Y70d...
6 einstein@gmail.com 1 Albert Einstein \$2a\$10\$T8q8ITT4uJAxM0D0DNP.3iNEH64g...
8 sinatra@gmail.com 1 Frank Sinatra \$2a\$10\$Y0p8bZ668FO.chex7OUu6B4H4J/nl...

users 1 x
Output
Action Output
Time Action Message Duration / Fetch
1 14:37:13 SELECT * FROM sushidb.users LIMIT 0, 1000 5 row(s) returned 0.015 sec / 0.000 sec

SQLAdditions
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

78°F Sunny

3:46 PM 10/12/2021



What I Learned

- Managing a Multi-Module Project in Maven with POM.xml
- Establishing User Roles and creating Authorized access specific to Roles
- Encrypted password data in MySQL DataBase with BCryptPasswordEncoder
- How to create a button to print data in CSV format with Super CSV



What's Next

- Creating Front End segment of the CRM app
- Refactor HTML code and take advantage of Thymeleaf Fragments
- Create a way to print particular data out in PDF format
- Create a Shopping Cart Module

