GitLab Repo: <https://gitlab.com/wgu-gitlab-environment/student-repos/acouser/d424-software-engineering-capstone>

Version: 57c4c454426a14c6f83df5487cb824decc566d8b

**User guide for setting up and running the application for maintenance purposes**

1. Prerequisites:

* Windows 10/11
* .NET SDK 8.x
* Visual Studio 2022
* Git

1. Clone & build:

In the Git CLI enter:

git clone <https://gitlab.com/wgu-gitlab-environment/student-repos/acouser/d424-software-engineering-capstone.git>

Then: cd d424-software-engineering-capstone/src/SakuraSushi/SakuraSushi

dotnet restone

dotnet build

1. Configuration:

Default DB: SQLite file saved next to the .csproj file. Can be adjusted in appsettings.json: “ConnectionStrings”: { “DefaultConnection”: “Data Source=[app.db](http://app.db)” }

1. Database & Seeding:

Apply migrations and seed baseline data using: dotnet ef database update

Seeded accounts include the owner: [owner@sakura.local](mailto:owner@sakura.local) password: ChangeMe1! And staff [staff@sakura.local](mailto:staff@sakura.local) password: ChangeMe1!

1. Run the App

In Visual Studio set SakuraSushi as Startup Project and hit F5. The project opens on <https://localhost>

1. Maintenance Tasks:

* To reset the database from the command line use dotnet ef database drop –force then dotnet ef database update
* To add a schema change use dotnet ef migrations add <MeaningfulName> then dotnet ef database update
* To update packages use dotnet list package –outdated. Update any listed
* To backup the SQLite database stop the app then copy the [app.db](http://app.db) file to a safe location

1. Operations Overview:

* AuthN/AuthZ: [ASP.NET](http://asp.net) Core Identity roles Owner, Staff
* Admin features: Admin link is hidden when logged out. Access admin page when logged in
* Features: Menu CRUD, Reservations CRUD and booking, search, and reservations report

**User Guide (End-User)**

Features at a glance:

* Browse the menu and search for items
* Request a reservation
* Sign in as management to manage the Menu and Reservations
* Run a Reservation Report

1. Navigation
   1. Home - landing page for the site
   2. Search - find menu items by keyword
   3. Reserve - request a reservation
   4. Admin - management area (only visible when signed in as someone with access)
   5. Login / Register / Logout - on the right side of the nav bar
2. Browse and search the menu
   1. Click Search in the top navbar
   2. Type in a keyword (e.g., ‘salmon’, ‘sashimi’) and press enter
   3. Results will show in multiple rows with name, description, and price
3. Request a Reservation
   1. Click Reserve on the top nav bar
   2. Fill out the form
   3. Click Submit Request
   4. You’ll see a Thank You page with your reservation details
4. Staff/Owner Sign-In:
   1. Click Login in the top-right
   2. Enter your username and password
   3. After logging in, the Admin link appears in the nav bar
5. Admin Dashboard
   1. Click Admin nav link to access
      1. Manage Menu - CRUD menu items
      2. Manage Reservations - CRUD reservations
      3. Reservation Report - run a date-range report
6. Manage Menu Items
   1. List - shows all items
   2. Create New - add an item to the menu
   3. Edit - change the name, description or price of an item
   4. Delete - remove an item
7. Manage Reservations
   1. Index - view all reservations in a table
   2. Create - add a reservation manually
   3. Edit - update name, party size, date/time, seat type, phone number
   4. Delete - remove a reservation
   5. Details - view full info
8. Reservation Report
   1. Open the Reservation Report from the Admin link
   2. Optionally select a date range
   3. Click Run
   4. A table will populate with all the reservations in your selected range