

Restaurant Management System Deployment Guide

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Introduction

This document provides a step-by-step guide for deploying the Restaurant Management System using C Sharp, SQL Server Management Studio, and Visual Studio or any other studio.

Prerequisites

Before proceeding with the deployment, ensure that the following prerequisites are met:

- Visual Studio or any other studio is installed on the deployment machine.
- SQL Server Management Studio is installed on the deployment machine.
- The database schema and tables have been created in SQL Server.
- Dependencies and libraries required by the application are installed.

Deployment Steps

Step 1: Clone the Repository

Clone the Restaurant Management System repository from the version control system to the deployment machine.

```
1 git clone https://github.com/IAMMARKHAN/RestuarantDesktopApp.git
```

Listing 1: Clone Repository

Step 2: Open the Project in Visual Studio

Open the project in Visual Studio for further configuration and compilation.

Step 3: Configure Database Connection

Update the database connection string in the application code to point to the SQL Server instance where the database is hosted.

```
1 // Example connection string
2 string connectionString = "Data Source=your-server;Initial Catalog=
    your-database;User ID=your-username;Password=your-password;;";
```

Listing 2: Database Connection String

Step 4: Build the Application

Build the application in Visual Studio to ensure that all dependencies are resolved and the executable is generated.

Step 6: Test the Application

Run the application locally to ensure that it functions correctly with the configured database.

Step 8: Deploy the Application

After successfully following the procedure, Deploy this packaged application to the target machine.

Conclusion

To conclude this guide is for deployment of the Restaurant Management System. Ensure that all steps are followed accurately to successfully deploy the application.