Go hungry Documentation

*Purpose of our application:*

The purpose of our application is to help any restaurant have their own website, and provide customers newest information and new entrees at the first time without going to the restaurant to ask questions one by one.

Our Royal Express restaurant website contains electronic menu, home page with everyday special, advertisement window, entrée detail description with price, contact us page, and login pages. The login page is accessible for two different roles, manager and customers; they can see different interfaces after a successful login. Customers are able to create their own Royal express account, after login to personal account, they can change their password, personal information, and make online table reservations. After managers login to their personal accounts, mangers will be able to update new entrees, modify entrée description, and upload new advertised products, view basic information of registered customer contact information, manage inventories, and even compare which retailer can offer the most reasonable prices.

*Intended users:*

The most likely intended users are customers and managers. Our application is easy to use and necessary for any restaurant.

Feature description summary (with functionality):

1. Master pages

MasterPage.master is the primary master page for our website. This page includes Home.aspx, Menu.aspx, and Pictures.aspx, ContacUs.aspx as well as the Login.aspx and the background image of the whole web.

1. .aspx pages

Home1.aspx support the appearance of five dropdown lists as well as the everyday special image shown in the center of Home1.aspx, the description of the entrée show right under the image. This page also has a full menu image linked to menu page after being clicked. At the bottom of the home page, viewers can see a Chinese traditional artwork advertise window, after click the picture, customers will be directed to a second page with more products with more detailed information; or, the manager can sell this advertise block to other stores to make some extra money.

Menu.aspx, this page display menu categorized by country, customers can choose their preference base on different countries from the dropdown list, and then a bigger picture of the chosen item will show up with a corresponding price.

Pictures.aspx, users can have a lager and clearer view of the chosen picture.

ContactUs.aspx, this page was created for customers, any customer could submit their advice or dissatisfy through this page, they just need to type in their name, left phone number for further response, and type in their suggestions, click submit. The email will be sent to the owner.

Login.aspx, this page allow any customer to create their own account with Royal Express, so new customers can click the “New Customer” link and goes to anther page to fill set account name, password, email address, and security question for retrieving password purposes. Registered customers can simply type in account number and password to go to their personal interface. If registered customer forget password, they can click the “Forget Your Password” link and go to that page to retrieve password back by fill out account name and answer the security question to receive password.

Welcome.aspx, there has two different type welcome pages, one is for customer and the other one is for manager. For the customer welcome page, users will see three links after a successful authentication. They are “Go to User Page”, “Go Make a Reservation”, and ‘Logout”. By clicking the “Go to User Page”, customers can see a page containing password changing and personal profile information, so users can either change their password or update their personal information in this welcome page. The welcome page for administrator login contains more functions like “Go to Admin Page”, “Change Menu”, “Change Advertise”, “Change Special Entrée on Home Page”, “Manage Inventory”, and “Manage Reservations”.

Admin.aspx, in this page, manager can change password and manage personal information just like the customer “Go to User Page” does, but managers are able to view customers’ user names, email addresses as well as last time login time. Manager can either choose to log out or back to the main welcome page.

Admin\_Menu.aspx, this page is used to manage the menu, administrator can change item description, price, entrée ID, or even delete it from web.

AdminAd.aspx, this page was shown in the home page at the very bottom to sell some Chinese traditional artwork to customers who interested in buying some cultural stuff as gifts. In the advertise page, manager can choose either edit product information, changing image or delete a whole item. Owner can also sell this block out to some other local stores to make some extra money.

HomeAdmin.aspx, this page is used to edit the special entrée in the center of the home page, so the restaurant can advertise their new special and reach customers at the first time. The manager can also update the description of the entrée with food ingredients and recipe to reduce the potential customer allergy rate to some certain ingredients.

Inventory.aspx, this page is used for restaurant owner to manage and compare prices of ingredients from different retailers, a bar chart will show under the ingredient table.

TableReservationAdmin.aspx: in this page, managers can see all the table reservation information made by customers, and manager can help change or delete their reservation base on customer later requirements.

User.aspx, in this page, customers can change password or update their personal profile at there.

TableReservation.aspx, in this page, after customer choose a specific date for reservation, the select time dropdown list, people number dropdown list, and table number dropdown list will pop up. Customers also need to write down their name or any special requirements, then click reserve, a table reservation would be successfully made, and they can view their reservation information as well as the other people’s reservation information to avoid timing conflicts.

1. User controls

*UserInfo.ascx*: A user control that displays the user’s name and login status, as  
well as other profile fields. Used on UserPage.aspx and Admin.aspx.

1. Databases

ConnectionString and NewLocalSqlServer, These two databases manage all membership, role and profile information for the application.

Application Roles

1 Administrators

1. Page access: Admin.aspx, Admin\_Menu.aspx, AdminAd.aspx, HomeAdmin.aspx, Inventory.aspx, TableReservationAdmin.aspx.
2. Admin account login:

Account name: Admin

Password: admin1!

2 Customers

Page access: User.aspx and TableReservation.aspx. Any account name and password would work.

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| **MIS 5050 Project Requirements** |  |
| 5 interlinked Web forms (.aspx pages) that display dynamically-generated content **per team member** | Simon Qiao: Ad.aspx  AdminAd.aspx  Admin.aspx  User.aspx  TableReservation.aspx  Login.aspx  RecoverPassword.aspx  Xueying Wang:  Home1.aspx  HomeAdmin.aspx  Inventory.aspx  TableReservationAdmin.aspx  CreateUser.aspx  Ayush: Admin\_Menu.aspx  BigImage.aspx  ContactUs.aspx  MenuDetail.aspx  Menu.aspx  pictrures.aspx |
| At **least** 5 database transactions (a transaction includes selecting, inserting, updating, or deleting data from the database) **per team member** | Ad.aspx  Show advertise in a GridView. Everything from database.  AdminAd.aspx  Edit, Update, Delete, Insert everything about advertisement include image.  Admin.aspx  Select all user from database  User.aspx  Select all user information from database, although user edit update.  TableReservation.aspx  Although login user make Reservation, update reservation.    RecoverPassword.aspx  Although user or admin change password.  Home1.aspx  Select the special Entrée from database.  HomeAdmin.aspx  Although admin change the special Entrée today.  Inventory.aspx  Although admin upload, insert, delete, Items to database and show a Bart chart show which Item is cheaper. Bart Chart also get data from database.  TableReservationAdmin.aspx  Although admin edit, upload, insert reservations.  CreateUser.aspx  Although new user create new account.  Admin\_Menu.aspx  Edit, Update, Delete  BigImage.aspx  Select image from database  ContactUs.aspx  Sending Email  MenuDetail.aspx  Select detail from database.  Menu.aspx  Select Entrée detail from database.  pictrures.aspx  select picture from database. |
| User/Role management for at least 2 roles | Admin  User |
| Preservation of state (may include cookies, session state, application state, cross-page posting, or querystring) | When user login the user page show the user name. |
| 10 different ‘basic’ ASP.NET Web controls (those that map directly to an html tag) | Button, Calendar, File Upload, HyperLink, Image, Label, LinkButton, Table, TextBox, SqlDataSource, DetailsView, GridView, Login, LoginName, PasswordRecovery, LoginView |
| 5 different ‘advanced’ ASP.NET Web controls (those that do not map directly to an html tag) | Login  Calendar  DetailsView  File Upload  SqlDataSource |
| 1 user control | Admin.aspx |