



JSK Company

Division of Software Sales

Version 3.0.0

ACCEPTANCE TEST PLAN (ATP)

Junmo Kim, Sanil Khamkar

JSK COMPANY

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I. INTRODUCTION

I.I. Purpose of Acceptance Test

The purpose of acceptance testing is a testing technique performed to determine whether or not the software system has met the requirement specifications. The main purpose of this test is to evaluate the system's compliance with the business requirements and verify if it has met the required criteria for delivery to end users. It provides simple display features in our International Restaurant Smart System to our client, Dr. Shin and explains how our system actually operates with test cases to deal with all other possible and exceptions. The main goal of acceptance is the get “written statement” from the user that the output was delivered as promised and also acceptance test will be formal run through these all tests. All functions that included in FWBS are tested through this Acceptance Test Plan with the test schedule and test table. In addition, all signed-up documentations give responsibility for testers and reliability for clients.

I.II. Definitions, Acronyms, and Abbreviations

Accounting Reports: All accounting areas shall have reports that break down and summarize all the data. These reports will run mainly from the sales records by daily, weekly, monthly, annually.

Accounting: This section describes business rules that apply to handling of accounts payable, accounts receivable, payroll, taxes, utilities, and other expenses.

Administrator: System administrator who is given specific permission for managing and controlling the system.

Architecture Design: Internal design of our system which show how our system works.

ATP: Acceptance Test Plan

Authentication: Check if username and or password is valid or not.

Backup system: Backup refers to copying records or information into some media so that in case of loss of records, we can recover easily. It is enhanced information security.

Credit/Debit card payment: When an order is placed, a credit/debit card should be available to confirm the order. All major credit and debit cards are accepted.

Critical Path Analysis: A method to analyze the time (maximum) taken by project which helps in cost estimation.

CTR (Click Through Rate): is the ratio of users who click on a specific link to the number of total users who view a page, email, or advertisement.

Customer relationship management (CRM): is an approach to manage a company's interaction with current and potential customers.

Data Flow Diagram: A graphical representation of data through an information system. FWBS: Functional Work Breakdown Structure – Overall works are breakdown as per its function. It's a top down modularity; divides overall the task into small pieces.

Database: Well organized collection of data to facilitate storage, retrieval, modification, and deletion of data.

DD: Design Documentation

Distribute Schedule: Employees will be given access to work schedule no less than 7 days in advance.

Employee Schedule: All employees cannot work more than 40 hours per week. In addition, extra work gives more premium bonus that will be charged by payment system.

Encryption: A security mechanism that encrypts plain text input cipher text (encrypted text) which makes impossible to understand it without decryption.

Enterprise resource planning (ERP): is the integrated management of core business processes, often in real-time and mediated by software and technology.

ERD (Entity–Relationship diagram): describes interrelated things of interest in a specific domain of knowledge. A basic ER model is composed of entity types and specifies relationships that can exist between instances of those entity types

Exception Handling: is the process of responding to the occurrence, during computation, of exceptions – anomalous or exceptional conditions requiring special processing– often changing the normal flow of program execution.

External Device: High storage, high speed device used to back up our data for security and portability.

Firewall: A system to prevent unamortized access to a network.

Gantt Chart: It's a table showing all the details of activities and time taken by each activity. Remote cloud service: It's an online service that provides data storage and backup remotely.

Gift Card: It's a virtual money; customer can use in our system.

H/W: Hardware

I/O: Input and Output data

Integrated Testing: A software testing where individual units are combined and tested as a group. This test is done after Unit Testing is finished

Local phone number: All online orders must supply a local telephone number to facilitate confirmation of the reservation.

Maintain Accounts Payable: The accounts payable shall be broken out and grouped into sections by vendor.

Maintain Accounts Receivable: The accounts receivables shall be maintained and grouped into sections.

Maintain Schedule: Only the Top-Manager/Assistant Manager/Owner shall be given the ability to edit or change the work schedule and update or revises the system.

Miles: Accumulate the customer's score and give some exciting discounts and / or prizes based on score.

Net Profit (Income): is a definition that is calculated by $NP = \text{Money Earned} - \text{Expenditures (Cost of Goods Sold + Expense + Taxes)}$

Order time frame: Orders may be placed no more than five days in advance.

POS (Point of Sale): The point of sale (POS) is the time and place where a retail transaction is completed.

POS: Point of Sale

RD: Requirement Documentation

S/W: Software

System overview: Internal design of our system which show how our system works.

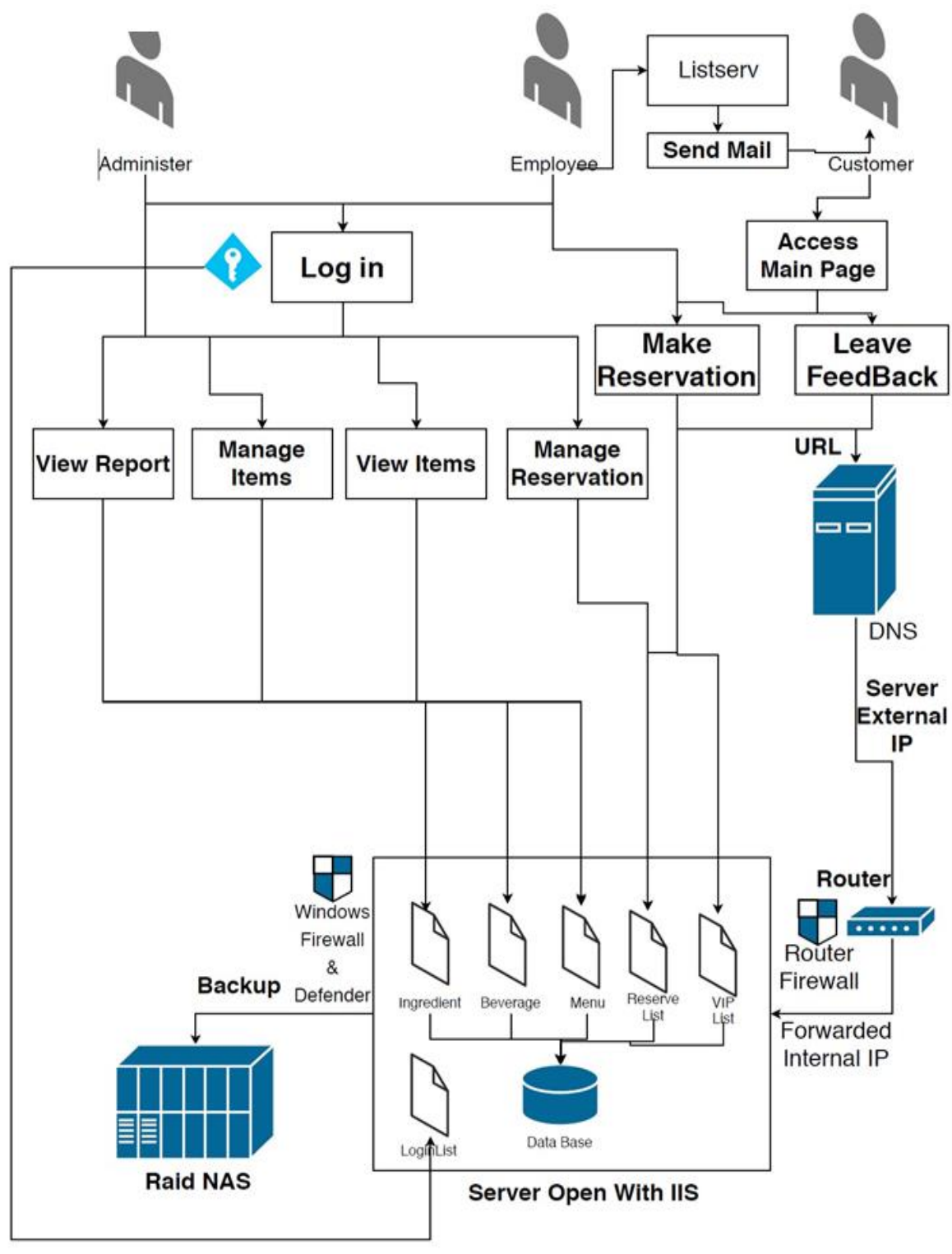
Taxes: A sales tax of 6.5% shall be added to each order.

Unit Testing: A software development process where parts of an application is tested in details

Data Dictionary: This is a designing tool that describes the structure of a database and the relationship between its elements

User: Someone who interacts with our software.

I.III. Proposed System Overview



I.IV. Testing Principles Used

1. Test a program to try to make it fail

The objective is to demonstrate that the program has errors, and then only the value of testing can be achieved. Finding failures in the system to make testing process more effective.

2. Start Testing early

Our project team decided to start testing as early as possible. It helps in fixing errors as early as possible in the early development stages of the project. Fixing errors at the early phases cost less and helps save time in the later phases.

3. Define Test Plan

The main aim of defining a test plan is to describe the test scope, test objectives, test strategy, test environment, deliverables of the test, risks and mitigation, schedule, levels of testing to be applied, methods, techniques and tools to be used.

4. Design Effective Test cases

The test cases for the project should be written during the development phase i.e. before the testing begins. A test case must consist of a description of the input data to the program and a precise description to the correct output of the program for that set of input data. A necessary part of test documentation is the specification of expected results.

5. Test for valid as well as invalid conditions

The testing is done on valid inputs, but also must be done on the system for invalid and unexpected inputs/conditions. Many errors are discovered when a program under test is used in some new and unexpected way and invalid input conditions seem to have higher error detection yield than do test cases for valid input conditions.

6. End of Testing

The software testing must be stopped after evaluating all the important conditions and should be mentioned in the system testing which include the risk in the software is under acceptable limit, functionality reaches a specified point and scheduling limitations.

I.V. Overview of Rest of ATP

The document describes the Acceptance Test Plan and the test cases used for testing the conditions in the system.

Section II provides the overview of the Hardware/Software environment used for testing.

Section III provides the table overview of test schedule and test sets.

Section IV provides the levels about the Error Handling Policy.

Section V provides the details about individual test cases for Login/Signup and reservation system.

Section VI, VII, VIII provide Project Acceptance Signatures for Client and Developer, Meeting logs, Appendix.

II. HARDWARE AND SOFTWARE USED FOR TESTING

II.I. Hardware

Name	Condition
Display	1280x720 or higher
CPU	2.0 Ghz of Intel Core architecture 2 nd Generation or higher
RAM	4GB of DDR3 or higher
Storage	1TB of HDD/SSD or higher
Keyboard	US-101Key USB 2.0 or higher
Mouse	USB 2.0 Laser mouse or higher
Hardware Backup	RAID 1 Capable 2bay RAID enclosure
Router	TCP/UDP Port openable with ac profile with NAS Backup Support or higher

II.II Software

Name	Condition
OS	Microsoft Windows 10 PRO
Network Speed	10Mbps or higher
Anti-virous	Windows Defender 4.18.1807 or higher
Firewall	Windows Firewall 1.275.1176.0
Program management	Visual Studio 2017 Basic
Program Package	.NET CORE 2.0 .NET Framework IIS Control
Database	Microsoft SQL
Database management	SQL manager studio

III. TEST SCHEDULE

Test No.	Function Name	Description	Test Method	Person in Charge	Date and Location
T1	User Interface Display (F 0.0)	1.1 Test the web page address	Enter the input and display the output	Sanil Junmo	11/05/2018 10:00 AM DECH 124
		1.2 Test the menu button			
T2	Calculation Sales (F1.1)	2.1 Test the income calculation	Calculate income and display remaining inventory weekly/monthly	Sanil Junmo	11/05/2018 10:00 AM DECH 124
		2.2 Test and check the remaining inventory			
T3	# of production sold (F 1.2)	3.1 Test the number of items sold	Enter the input and display food and beverage sales weekly/monthly	Sanil Junmo	11/05/2018 10:00 AM DECH 124

T4	Accounts Receivable/ Payable (F 2.0)	4.1 Select the payment by credit card	Use valid card information to show process of transaction and checks availability with message	Sanil Junmo	11/05/2018 10:00 AM DECH 124
		4.2 Check availability with card information			
		4.3 Show success or failure message			
T5	Create Report (F 3.1)	5.1 Display Sales Report	Enter the input and show sales and profit	Sanil Junmo	11/05/2018 10:00 AM DECH 124
		5.2 Display Profit Report			
T6	Alert Low Stock (F 3.2)	6.1 Display current inventory stock	Enter the input and check alert range	Sanil Junmo	11/05/2018 10:00 AM DECH 124
		6.2 Check stock is under minimum value			
		6.3 Send alert notifications for low stock.			
T7	Calculation ingredient used (F 3.3)	7.1 Test the item name	Enter the input and display the ingredient name and amount used	Sanil Junmo	11/05/2018 10:00 AM DECH 124
		7.2 Display the item how amount used.			
T8	Weekly purchase (F 3.4)	8.1 Test the purchase	Enter the input and display weekly purchase	Sanil Junmo	11/05/2018 10:00 AM DECH 124
		8.2 Display the purchase property			
T9	Keep minimum stock (F 3.5)	9.1 Test the inventory stock	Enter the input and show minimum stock	Sanil Junmo	11/05/2018 10:00 AM DECH 124
		9.2 Set the minimum stock			

T10	New customer promotion (F 4.1)	10.1 Check the customer information	Send e-mail for existing and new customers	Sanil Junmo	11/05/2018 10:00 AM DECH 124
		10.2 Send e-mail of promotion			
T11	Send promotion code (F 4.2)	11.1 Send e-mail to customers	Send promotional code with valid date	Junmo	11/05/2018 10:00 AM DECH 124
		11.2 Use promotional code with correct date			
T12	Gift Card (F 4.3)	12.1 Categorize the type of customers	Send gift cards to our loyal customers	Junmo	11/05/2018 10:00 AM DECH 124
		12.2 Select different gift card options			
T13	Customer feedback (F 4.4)	13.1 Test the feedback sections	Write down at webpage or feedback e-mail working	Sanil	11/05/2018 10:00 AM DECH 124
		13.2 Test the feedback e-mail			
T14	Smart Reservation (F5.1)	14.1 Test the user login	Check the all the function selection work and confirmation	Junmo Sanil	11/05/2018 10:00 AM DECH 124
		14.2 Test the date selection			
		14.3 Test the time selection			
		14.4 Test the number of people selection			
T15	Special Customer Reservation	15.1 Test the special card number valid	Check the special card number validation with	Junmo	11/05/2018 10:00 AM DECH 124

	(F5.2)	15.2 Applicable for special discount	discount and all the function selection work		
		15.3 Test the date selection			
		15.4 Test the time selection			
		15.5 Test the number of people selection			
T16	Total Reservation (F5.3)	16.1 Check Range	Check the overall reservation with how many people reserved and remained seats	Junmo Sanil	11/05/2018 10:00 AM DECH 124
		16. 2 User Cancellation			
T17	Reminder e-mail (F5.4)	17.1 Test the customer e-mail	Check e-mail information and notify of reservation	Junmo	11/05/2018 10:00 AM DECH 124
T18	Employee Reservation Control (F5.5)	18.1 Check the reservation status	Check reservation status and make recommendation for customers	Junmo Sanil	11/05/2018 10:00 AM DECH 124
		18.2 Make reservation by online or drop by people			
T19	Log-in/SignUp (F 6.0)	19.1 Test the ID	Enter the input and display the output for Login. Enter the Username, Name, Email, Date of Birth,	Sanil	11/05/2018 10:00 AM DECH 124
		19.2 Test the Password			
		19.3 Test the Username			
		19. 4 Test the Name			

		19.5 Test the Email	Password for SignUp.		
		19.6 Test the Date of Birth			
		19.7 Test the Password			
T20	List server (F 4.5)	20.1 Test the e-mail list	Enter the input and display the output with e-mail list check	Sanil	11/05/2018 10:00 AM DECH 124

IV. ERROR HANDLING POLICY

Our company is dealing with the error handling based on error type. We have three different error types.

Error Type #1

- Difficulty Level: Easy
- Amount of time: It should be able to fix within 12 hours
- Feedback: If the error cannot catch within an hour, it should be takes 2 business days to find the error location and update the error.

Error Type #2

- Difficulty Level: Moderate
- Amount of time: It should able to fix within 3 days
- Feedback: If the error cannot be detected within 16 hours, it should take 5 or lesser business days to find the error location and solve the error.

Error Type #3

- Difficulty Level: Hard
- Amount of time: It should able to fix within 7 days
- Feedback: If the error cannot be detected within 24 hours, it should take 10 or lesser business days to find the error location and solve the error.

V. INDIVIDUAL TEST CASES

T19 FWBS 6.0 Login/Signup (F6.0, F6.1, F6.1.1, F6.1.2, F6.1.1.1, F6.1.1.2)

1. Test Purpose

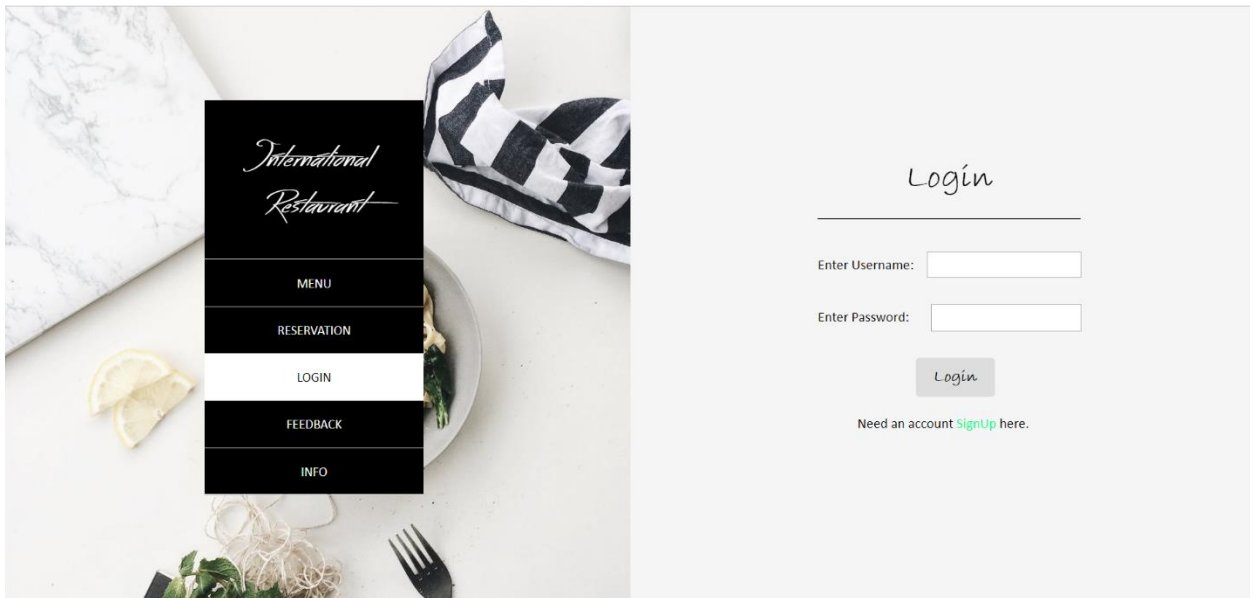
- To allow the user, staff and admin to login into the website.
- If user is does not have an account on the website, create account and store details in the database.
- If user has an account on the website, cannot create another account.

2. Set Up

- A Desktop having Microsoft Windows 10 Pro with 4GB DDR3 RAM and 1TB of Memory Storage.

3. Input/Output

- Login
- Screenshot #input 1

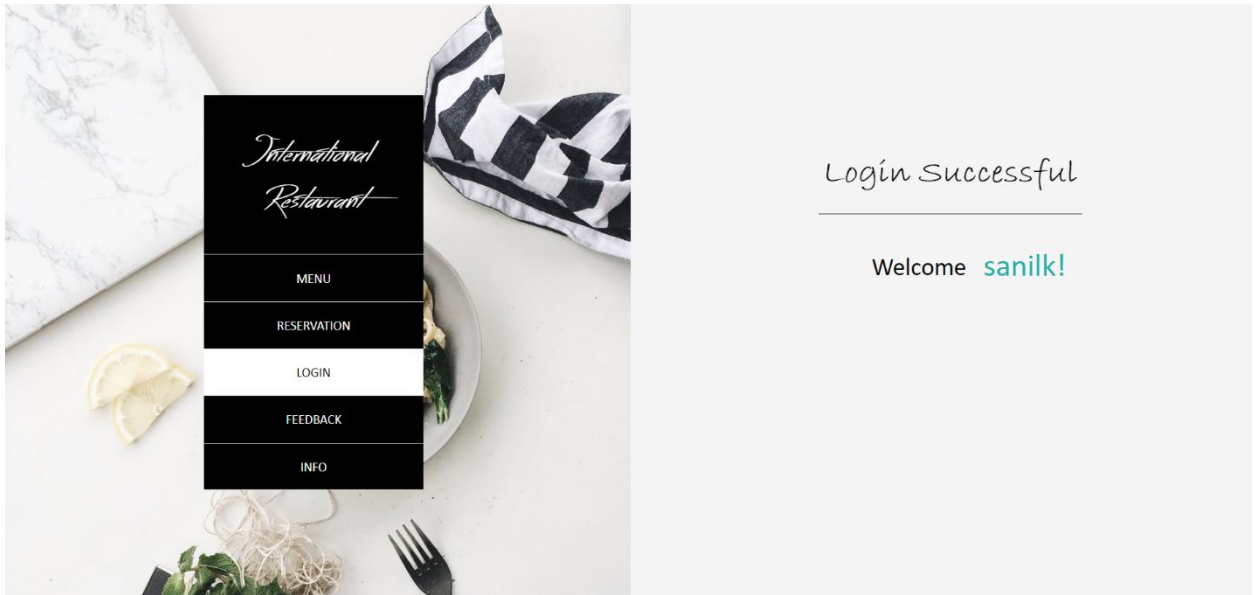


3.1 Input

- Check correct username and password for successful login
 1. Username: sanilk
 2. Password: water123
 3. Click on login buttonRefer to screenshot #input 1

3.2 Output

- Screenshot 1

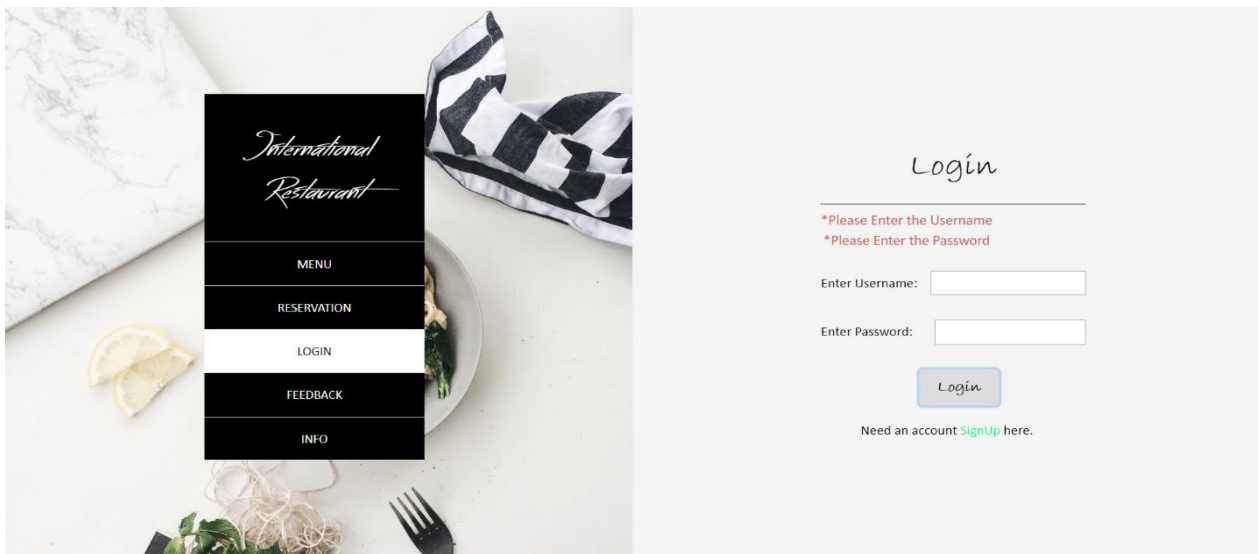


3.3 Input

- Check for empty fields while logging in
 1. Username: "blank"
 2. Password: "blank"
 3. Click on login buttonRefer to screenshot #input 1

3.4 Output

- Screenshot 2



3.5 Input

- Check for incorrect Username and Password while logging in

Case 1:

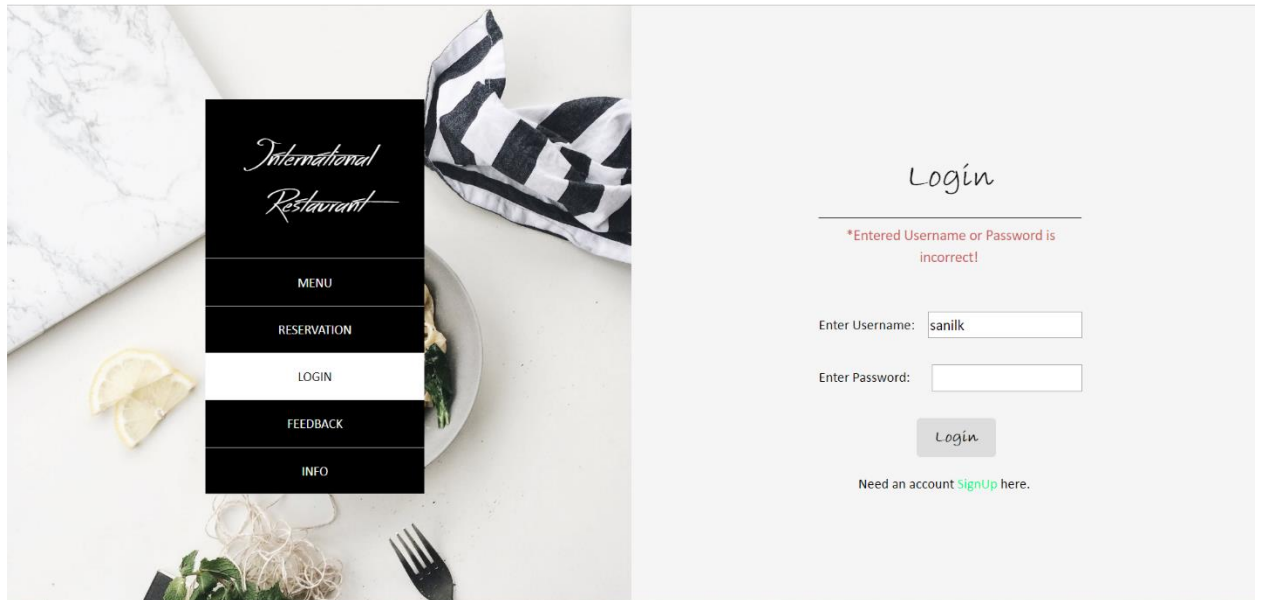
1. Username: sanilk
2. Password: 123456user
3. Click on login button
Refer to screenshot #input 1

Case 2:

1. Username: abc345
2. Password: daktronics214
3. Click on login button
Refer to screenshot #input 1

3.6 Output

- Screenshot 3



3.7 Input

- Check if user is admin or staff

Case 1:

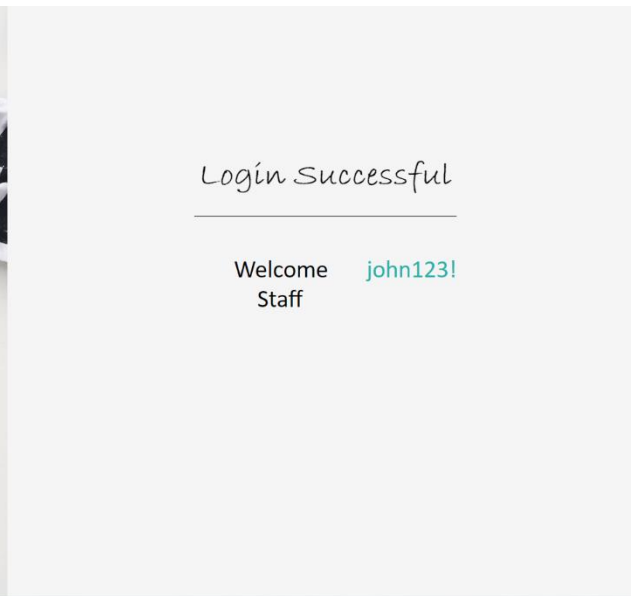
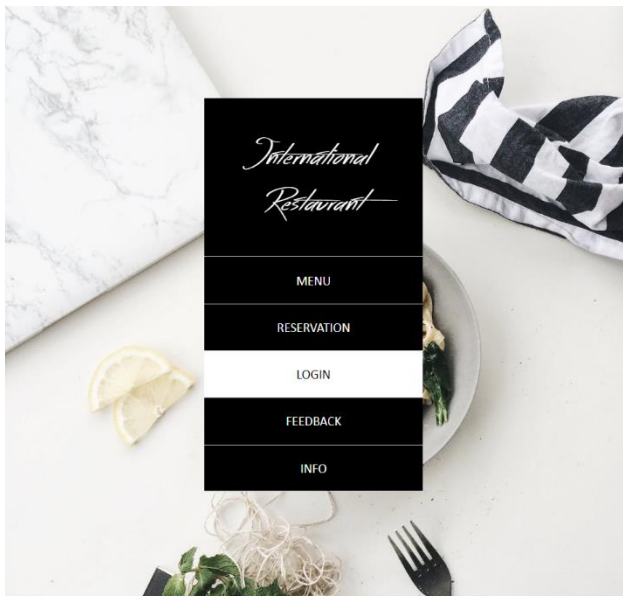
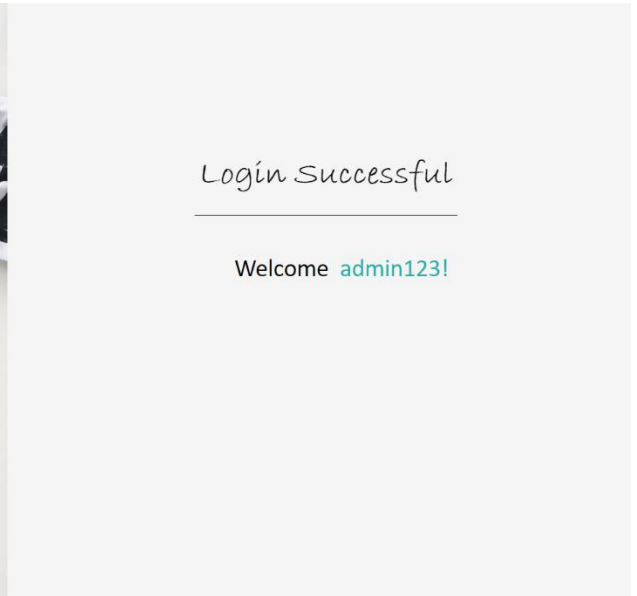
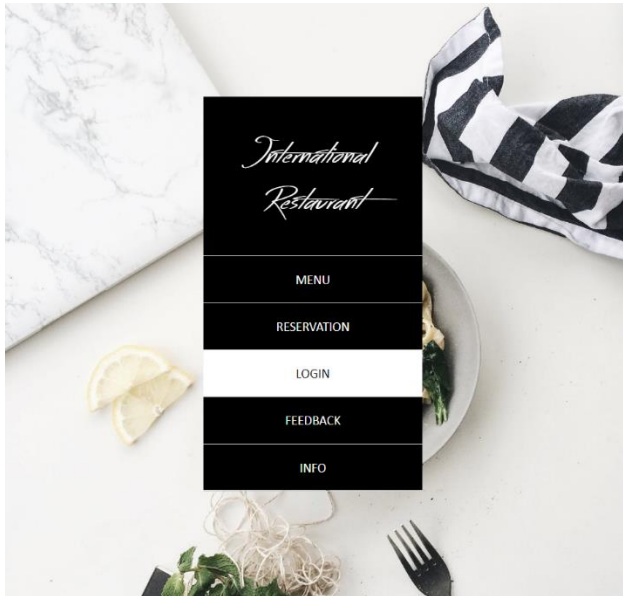
1. Username: admin123
2. Password: adminres
3. Click on login button
Refer to screenshot #input 1

Case 2:

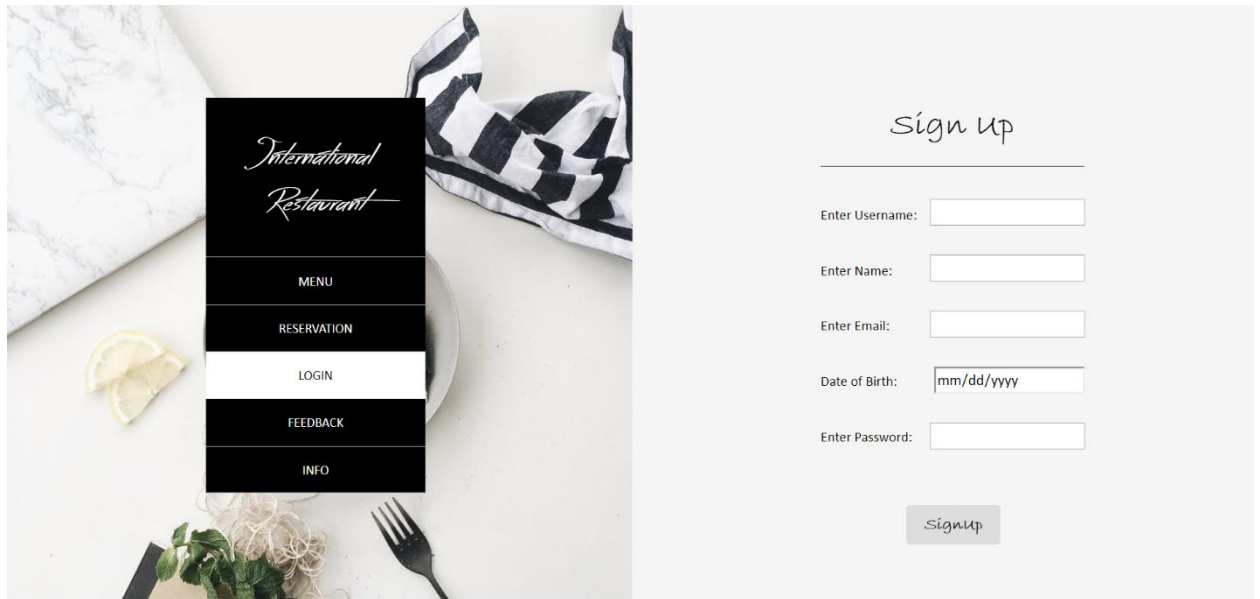
1. Username: john123
 2. Password: johnres
 3. Click on login button
- Refer to screenshot #input 1

3.8 Output

- Screenshot 4
- Screenshot 5



- SignUp
- Screenshot #input 2



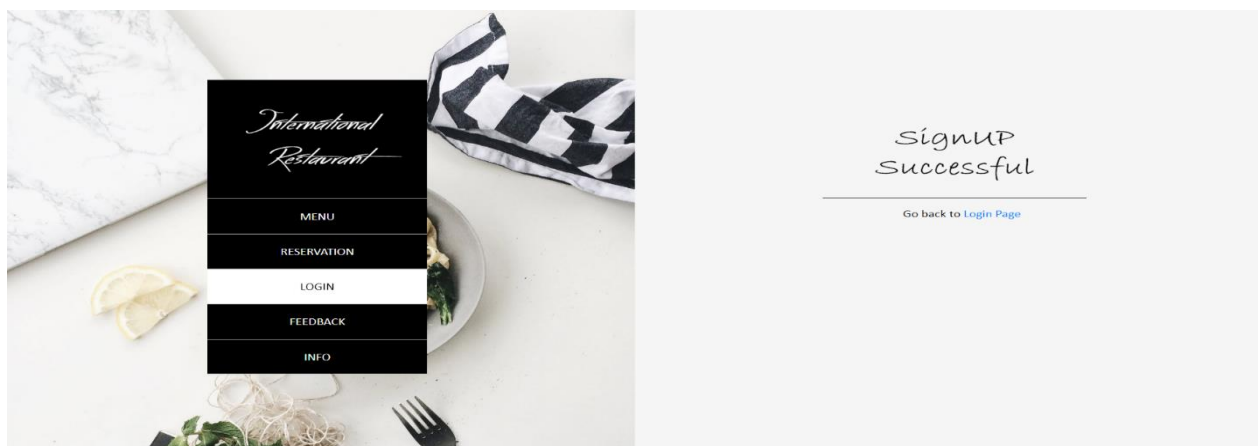
3.9 Input

- Check for correct signup details
 1. Username: Alex456
 2. Name: Alex
 3. Email: alex49@hotmail.com
 4. Date of Birth: 10/09/1995
 5. Password: Alexwade
 6. Click on SignUp button

Refer to screenshot #input 2

3.10 Output

- Screenshot 6

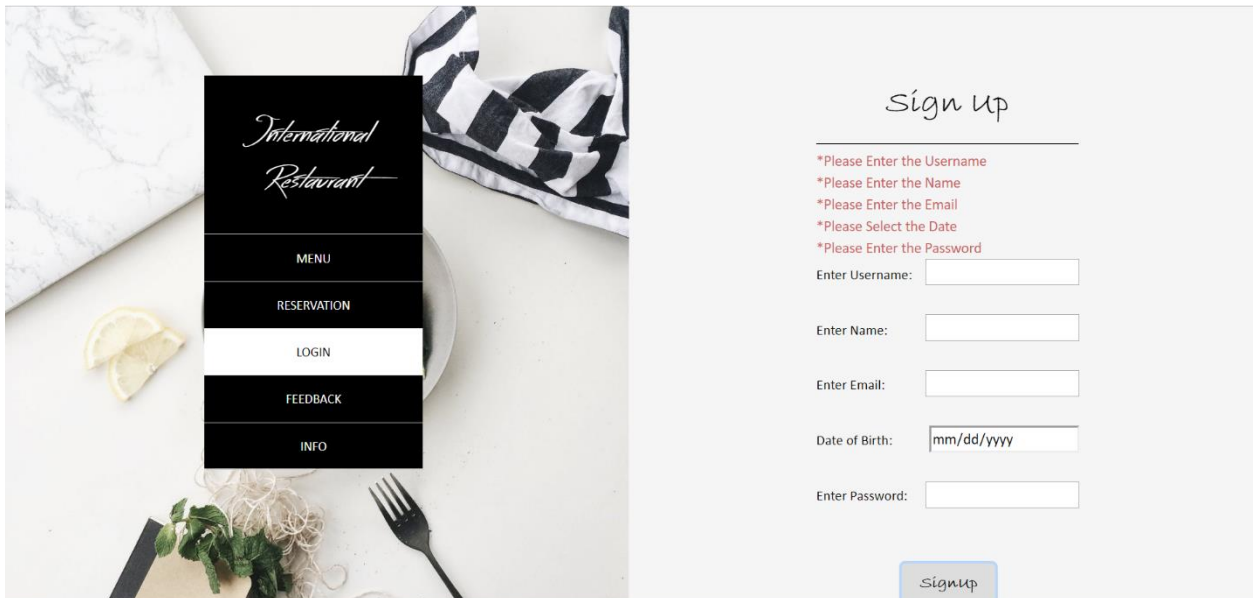


3.11 Input

- Check for empty fields while Signing Up
 1. Username: "blank"
 2. Name: "blank"
 3. Email: "blank"
 4. Date of Birth: "blank"
 5. Password: "blank"
 6. Click on SignUp buttonRefer to screenshot #input 2

3.12 Output

- Screenshot 7

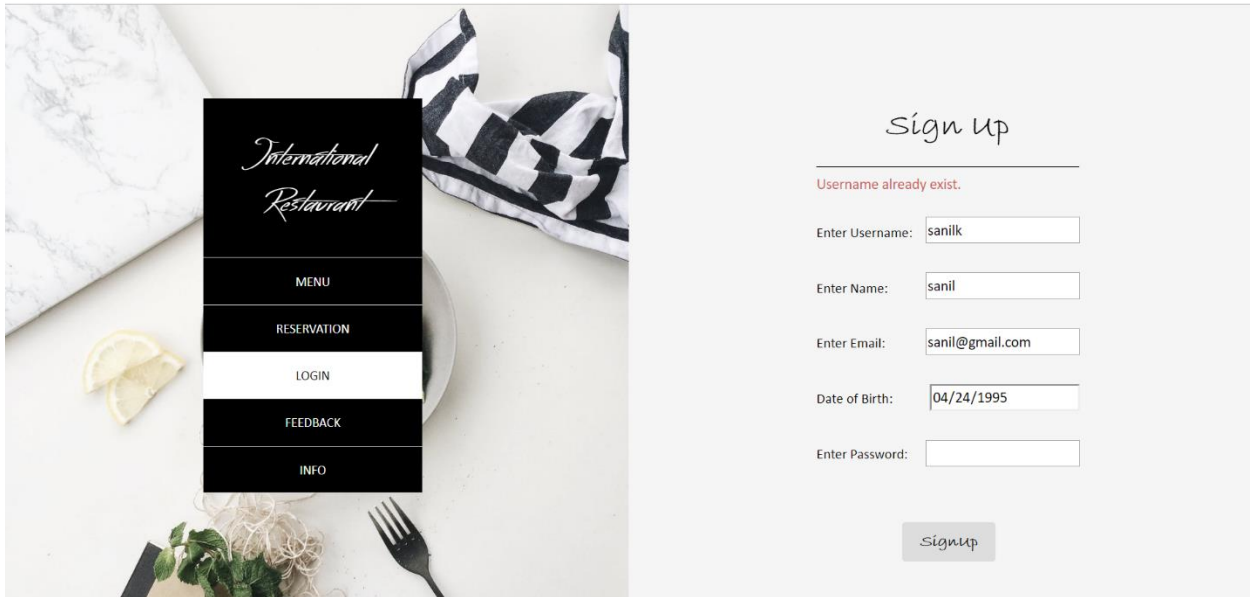


3.13 Input

- Check if user already exists
 1. Username: sanilk
 2. Name: sanil
 3. sanil@gmail.com
 4. Date of Birth: 04/24/1995
 5. Sanilres
 6. Click on SignUp buttonRefer to screenshot #input 2

3.14 Output

- Screenshot 8

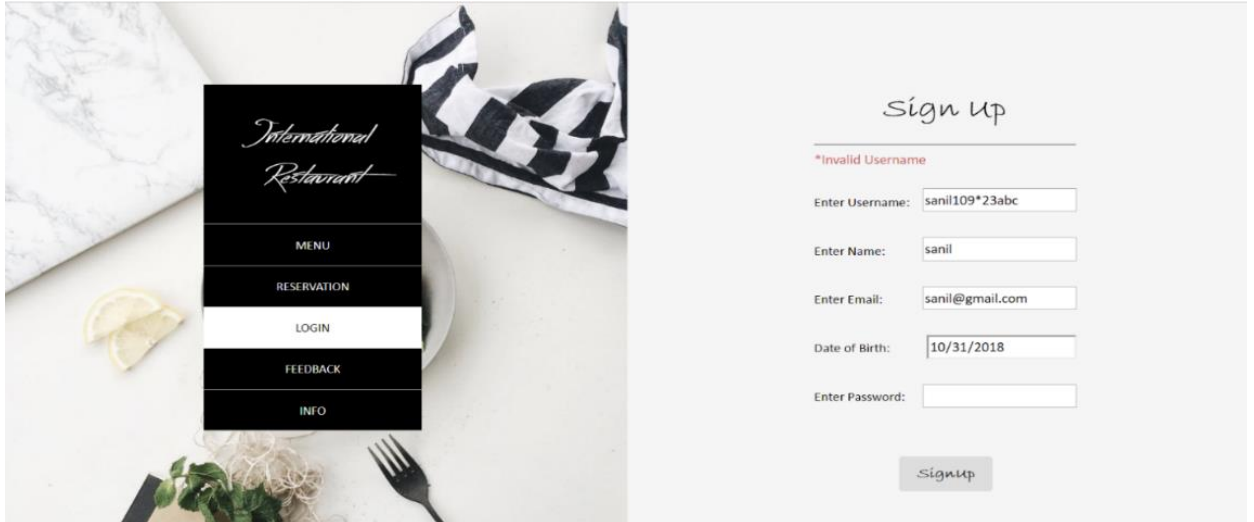


3.15 Input

- Check if Username is Valid
 1. Username: sanil109*23abc
 2. Name: sanil
 3. Email: sanil@gmail.com
 4. Date of Birth: 10/31/2018
 5. Password: sanilres
 6. Click on SignUp buttonRefer to screenshot #input 2

3.16 Output

- Screenshot 9

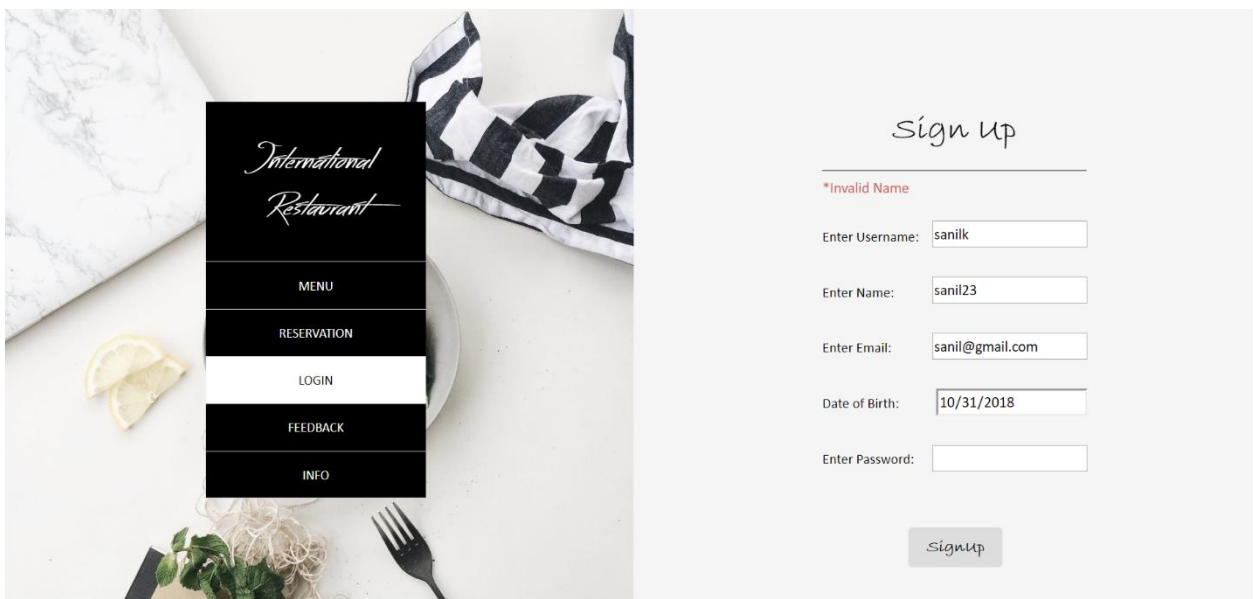


3.17 Input

- Check if Name is Valid
 1. Username: sanilk
 2. Name: sanil23
 3. Email: sanil@gmail.com
 4. Date of Birth: 10/31/2018
 5. Password: sanilres
 6. Click on SignUp buttonRefer to screenshot #input 2

3.18 Output

- Screenshot 10

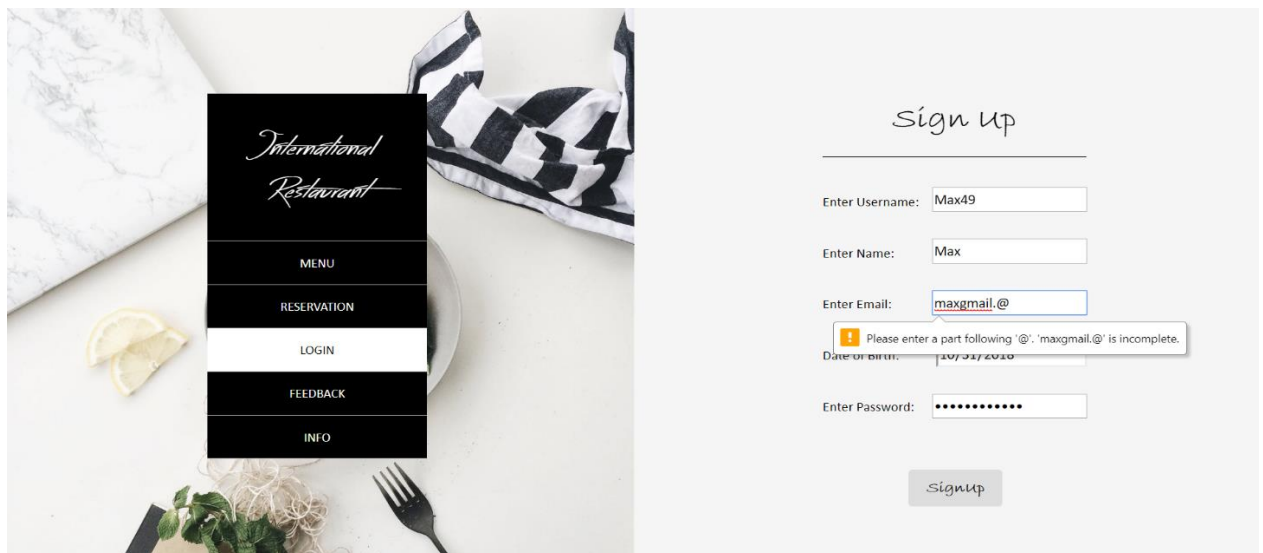


3.19 Input

- Check for Valid Email address
 1. Username: Max49
 2. Name: Max
 3. Email: maxgmail.@
 4. Date of Birth: 10/31/2018
 5. Password: Maxbay29
 6. Click on SignUp buttonRefer to screenshot #input 2

3.20 Output

- Screenshot 11

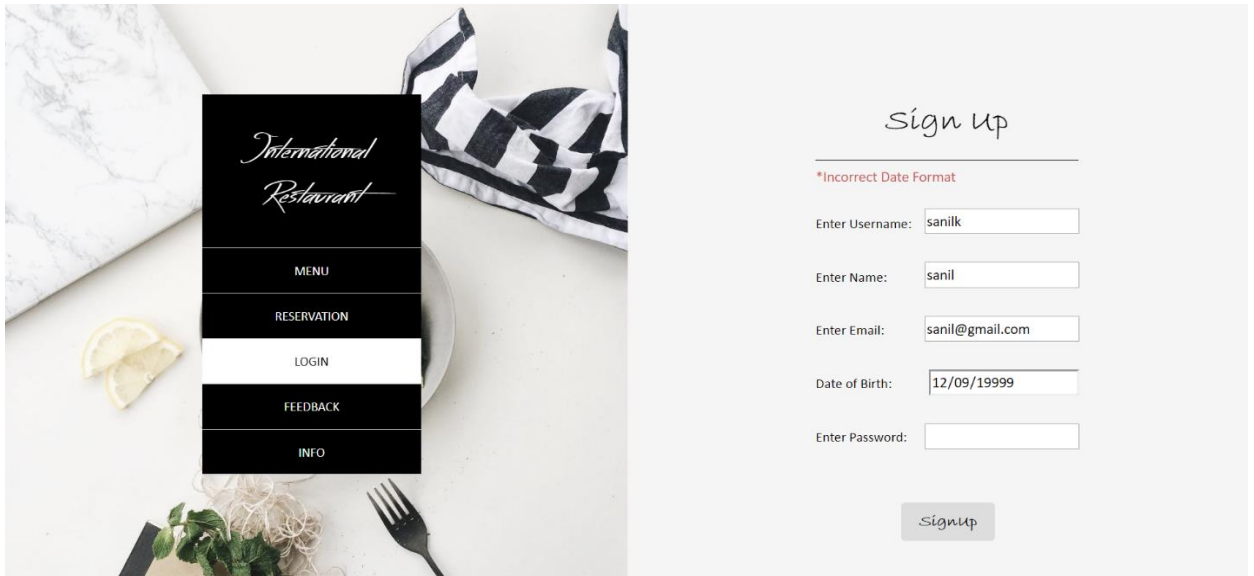


3.21 Input

- Check for Invalid Date Format
 1. Username: sanilk
 2. Name: sanil
 3. Email: sanil@gmail.com
 4. Date of Birth: 12/09/19999
 5. Password: sanilres
 6. Click on SignUp buttonRefer to screenshot #input 2

3.22 Output

- Screenshot 12

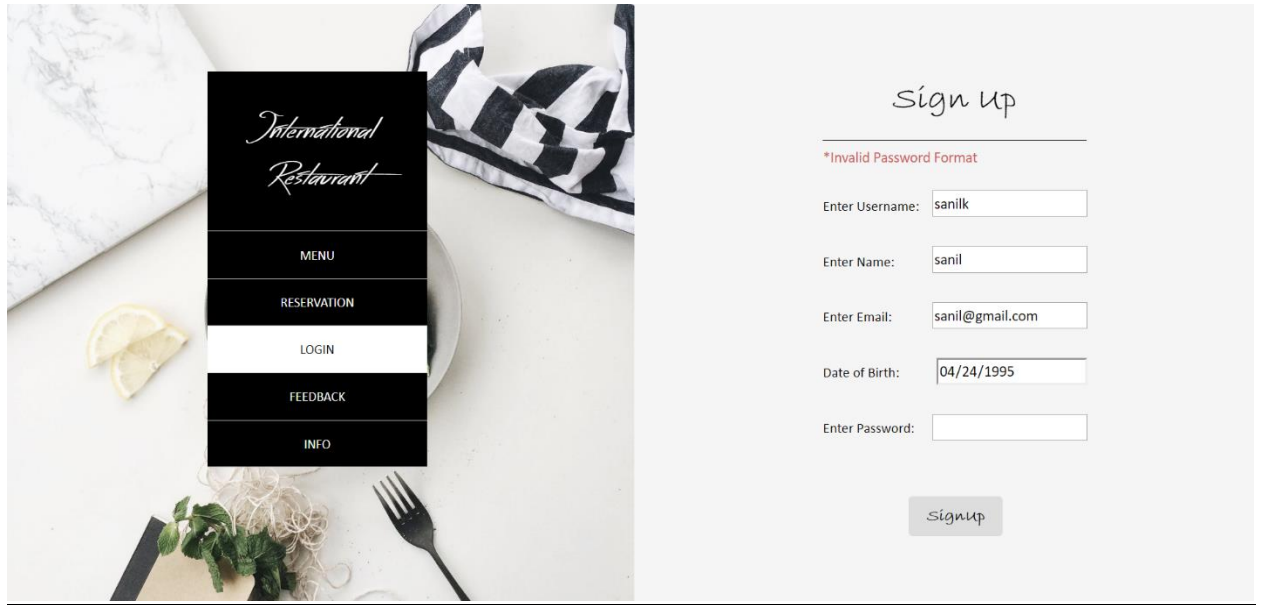


3.23 Input

- Check for Invalid Password Format
 1. Username: sanilk
 2. Name: sanil
 3. Email: sanilgmail.com
 4. Date of Birth: 04/24/1995
 5. Password: sanil1234@.?
 6. Click on SignUp buttonRefer to screenshot #input 2

3.24 Output

- Screenshot 13



Client Signature

Developer Signature

Date: __/__/__

Comments: _____

T14 FWBS 5.0 Smart Reservation (F5.1, F5.2, F5.5)

T15 FWBS 5.1.2 Guest Reservation (F5.1, F5.2, F5.5)

1. Test Purpose

- Do the reservation without customer login
- To make reservation in various circumstances for check there are any invalid reservation is working in system.
- Check if all input data handles correctly
- Missing input shows alert after clicks a 'submit' button.

2. Program set-up:

- A Desktop having Microsoft Windows 10 Pro with 4GB DDR3 RAM and 1TB of Memory.

3. Input / Output

- Reservation
- Screenshot #input 3

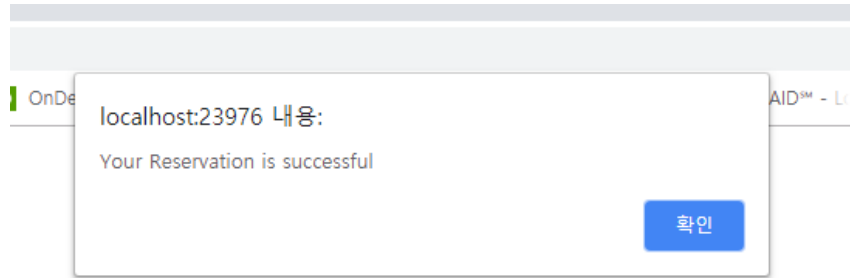
The screenshot shows a web form for making a reservation. At the top is the title 'Reservation' in a cursive font. Below it are input fields for 'First Name', 'Last Name', and 'Phone Number'. Further down are fields for 'Email Address' and 'Special Card Number'. A section titled 'Select the date for Reservation' contains a calendar for October 2018, with the 31st highlighted. Below the calendar is a dropdown menu for 'Select Lunch or Dinner' (currently set to 'None') and a text input for 'How many people with you?'. At the bottom, there is a 'Table Recommendation for you' section displaying a grid of 20 table icons arranged in two rows of ten. Each icon shows a table with two chairs. A 'Submit Reservation' button is located at the very bottom.

3.1 Input

- Check if inputs are correct
 1. First name: Sanil
 2. Last name: Khamkar
 3. Phone number: 123-456-7890
 4. Email: abc@defg.com
 5. Date: select today from calendar
 6. Time: select lunch and select 02:00PM
 7. Number of people: 4
 8. Select a table from restaurant map.
 9. Click submit buttonRefer to screenshot #input 3

3.2 Output

- Screenshot 14

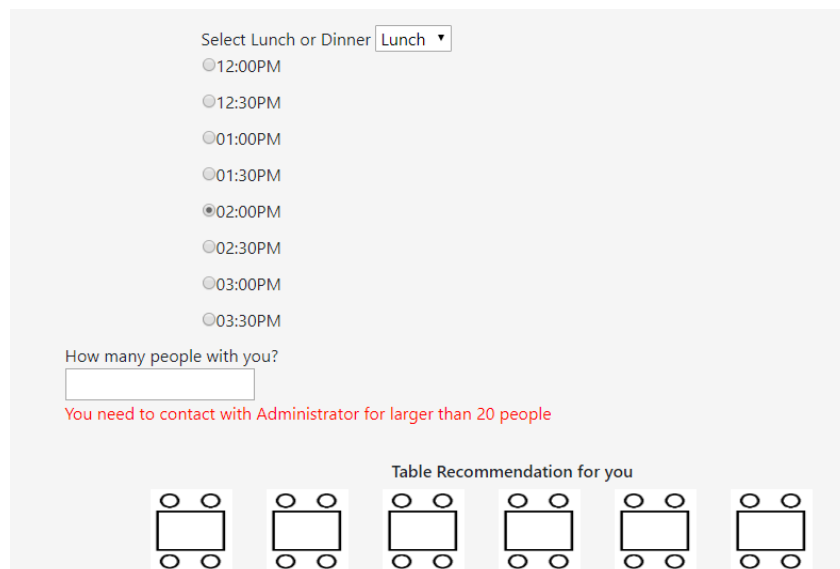


3.3 Input

- Check if number of people > 20
 1. First name: Sanil
 2. Last name: Khamkar
 3. Phone number: 123-456-7890
 4. Email: abc@defg.com
 5. Date: select today from calendar
 6. Time: select lunch and select 02:00PM
 7. Number of people: 40
 8. Select a table from restaurant map.
 9. Click submit buttonRefer to screenshot #input 3

3.4 Output

- Screenshot 15



3.5 Input

- Check email format without @
 1. First name: Sanil
 2. Last name: Khamkar
 3. Phone number: 123-456-7890
 4. Email: abcdefg.com
 5. Date: select today from calendar
 6. Time: select lunch and select 02:00PM
 7. Number of people: 5
 8. Select a table from restaurant map.
 9. Click submit buttonRefer to screenshot #input 3

3.6 Output

- Screenshot 16

The screenshot shows a web form titled "Reservation" with the following fields and values:

- First Name: Sanil
- Last Name: Khamkar
- Phone Number: 123-456-7890
- Email Address: abcdefg.com
- Special Card Number: (empty)

Below the form is a calendar titled "Select the date for Reservation" showing the month of October 2018. The calendar has a header row with days of the week in Korean (일, 월, 화, 수, 목, 금, 토) and a row of dates from 1 to 11. The date 11 is highlighted in blue.

Select the date for Reservation						
9	2018년 10월					11
일	월	화	수	목	금	토
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20

3.7 Input

- Check number and character combination in First name and Last name
 1. First name: Sanil123
 2. Last name: 123Khamkar
 3. Phone number: 123-456-7890
 4. Email: abc@defg.com
 5. Date: select today from calendar
 6. Time: select lunch and select 02:00PM
 7. Number of people: 5
 8. Select a table from restaurant map.
 9. Click submit buttonRefer to screenshot #input 3

3.8 Output

- Screenshot 17

The screenshot shows a reservation form with the following fields and content:

- First Name:** Input field containing "Sanil123". Below it is a red error message: "*Please enter correct name".
- Last Name:** Input field containing "123Khamkar". Below it is a red error message: "*please enter correct name".
- Phone Number:** Input field containing "123-456-7890".
- Email Address:** Input field containing "abcdefg.com".
- Special Card Number:** An empty input field.
- Select the date for Reservation:** A calendar for October 2018. The header shows "9", "2018년 10월", and "11". The days of the week are listed in Korean: 일 (Sun), 월 (Mon), 화 (Tue), 수 (Wed), 목 (Thu), 금 (Fri), 토 (Sat). The dates 1 through 20 are visible in the calendar grid.

3.9 Input

- Check if date not selected
 1. First name: Sanil
 2. Last name: Khamkar
 3. Phone number: 123-456-7890
 4. Email: abc@defg.com
 5. Date: not selected
 6. Time: select lunch and select 02:00PM
 7. Number of people: 5
 8. Select a table from restaurant map.
 9. Click submit buttonRefer to screenshot #input 3

3.10 Output

- Screenshot 18

The screenshot displays a restaurant booking interface. At the top, a date picker shows the month of September with the 29th selected. Below the date picker is a red error message: "*Please select date correctly". The form includes a section for "Select Lunch or Dinner" with a dropdown menu set to "Lunch", and a "How many people with you?" input field containing the number "5". A list of time slots is provided, with "02:00PM" selected. At the bottom, a "Table Recommendation for you" section shows six table icons, with the fourth and fifth tables marked with checkmarks.

21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

*Please select date correctly

Select Lunch or Dinner

How many people with you?

☐ 12:00PM
☐ 12:30PM
☐ 01:00PM
☐ 01:30PM
☒ 02:00PM
☐ 02:30PM
☐ 03:00PM
☐ 03:30PM

Table Recommendation for you

Table icons: 1, 2, 3, 4 (checked), 5 (checked), 6

3.11 Input

- not selects time
 1. First name: Sanil
 2. Last name: Khamkar
 3. Phone number: 123-456-7890
 4. Email: abc@defg.com
 5. Date: select today from calendar
 6. Time: not selected
 7. Number of people: 5
 8. Select a table from restaurant map.
 9. Click submit buttonRefer to screenshot #input 3

3.12 Output

- Screenshot 19

The screenshot displays a restaurant booking interface. At the top, a calendar grid shows the month of October, with the 29th highlighted in blue. Below the calendar, a text box displays "Monday, 10/29". Underneath, there is a dropdown menu for "Select Lunch or Dinner" currently set to "None", and a red text prompt "*Please select time". To the right, a label "How many people with you?" is followed by an input field containing the number "5". Below these elements, a section titled "Table Recommendation for you" shows a 3x6 grid of table icons. Each icon represents a table with four seats. The fourth and fifth tables in the first row are marked with a checkmark, indicating they are selected.

14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

Monday, 10/29

Select Lunch or Dinner None ▾

*Please select time

How many people with you?

Table Recommendation for you

3.13 Input

- Check if table not selected
 1. First name: Sanil
 2. Last name: Khamkar
 3. Phone number: 123-456-7890
 4. Email: abc@defg.com
 5. Date: select today from calendar
 6. Time: select lunch and select 02:00PM
 7. Number of people: 5
 8. Not selects any table
 9. Click submit buttonRefer to screenshot #input 3

3.14 Output

- Screenshot 20

Monday, 10/29

Select Lunch or Dinner Lunch ▾

How many people with you?
5

☐ 12:00PM
☐ 12:30PM
☐ 01:00PM
☐ 01:30PM
☒ 02:00PM
☐ 02:30PM
☐ 03:00PM
☐ 03:30PM

Table Recommendation for you

*Please select tables

Submit Reservation

Client Signature

Developer Signature

Date: __/__/__

Comments: _____

T14 FWBS 5.1 User Reservation (F5.1, F5.2, F5.5)

1. Test Purpose

- Do reservation after customer logged in
- To make reservation in various circumstances for check there are any invalid reservation is working in system.
- Check if all input data handles correctly
- Missing input shows alert after clicks a 'submit' button.

2. Set Up

- A Desktop having Microsoft Windows 10 Pro with 4GB DDR3 RAM and 1TB of Memory.

3. Input/Output

- Reservation
- Screenshot #input 4

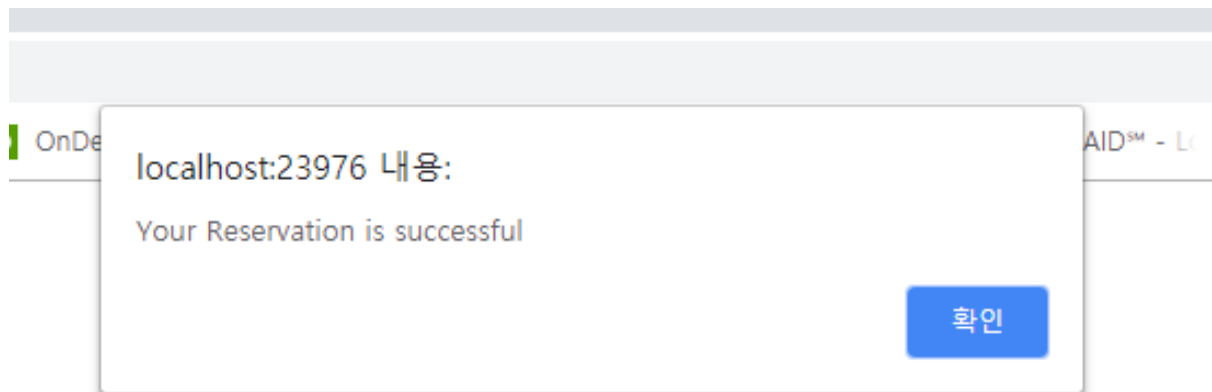
The screenshot displays the 'Reservation' system interface. At the top, the word 'Reservation' is written in a stylized font. Below it, there are input fields for 'First Name', 'Last Name', 'Phone Number', 'Email Address', and 'Special Card Number'. A calendar widget is present for selecting the date for reservation, showing the month of October 2018. Below the calendar, there is a dropdown menu for 'Select Lunch or Dinner' (currently set to 'None') and a text input for 'How many people with you?'. At the bottom, there is a 'Table Recommendation for you' section showing a grid of 20 table icons (each with two seats) and a 'Submit Reservation' button.

3.1 Input

- Check for all correct inputs
 1. Date: select week after today from calendar
 2. Time: select dinner and select 08:00PM
 3. Number of people: 4
 4. Select a table from restaurant map.
 5. Click submit buttonRefer to screenshot #input 4

3.2 Output

- Screenshot 21



3.3 Input

- Check if the number of people > 20
 1. Date: select today from calendar
 2. Time: select lunch and select 02:00PM
 3. Number of people: 40
 4. Select a table from restaurant map.
 5. Click submit buttonRefer to screenshot #input 4

3.4 Output

- Screenshot 22

Select Lunch or Dinner

☐ 12:00PM

☐ 12:30PM

☐ 01:00PM

☐ 01:30PM

☒ 02:00PM

☐ 02:30PM

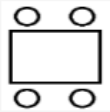
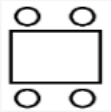
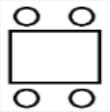
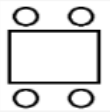
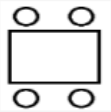
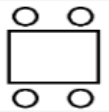
☐ 03:00PM

☐ 03:30PM

How many people with you?

You need to contact with Administrator for larger than 20 people

Table Recommendation for you

3.5 Input

- Check if date not selected
 1. Date: not selected
 2. Time: select lunch and select 02:00PM
 3. Number of people: 5
 4. Select a table from restaurant map.
 5. Click submit buttonRefer to screenshot #input 4

3.6 Output

- Screenshot 23

The screenshot displays a restaurant booking interface. At the top, a calendar grid shows dates from 21 to 27. The date 29 is highlighted. Below the calendar is a date input field with the text '*Please select date correctly' in red. Underneath, there is a section for selecting the time of the meal. It includes a dropdown menu labeled 'Select Lunch or Dinner' with 'Lunch' selected, and a text input field labeled 'How many people with you?' with the value '5'. Below these are radio buttons for various times: 12:00PM, 12:30PM, 01:00PM, 01:30PM, 02:00PM (which is selected), 02:30PM, 03:00PM, and 03:30PM. At the bottom, a section titled 'Table Recommendation for you' shows six table icons. Each icon represents a table with two seats. The fourth and fifth tables from the left have a checkmark on them, indicating they are recommended.

3.7 Input

- Check if time not selected
 1. Date: select today from calendar
 2. Time: not selected
 3. Number of people: 5
 4. Select a table from restaurant map.
 5. Click submit buttonRefer to screenshot #input 4

3.8 Output

- Screenshot 24

The screenshot displays a reservation form with the following elements:

- Calendar:** A calendar grid showing dates from 14 to 31. The date 29 is highlighted in blue.
- Date Selection:** A text box containing "Monday, 10/29".
- Time Selection:** A dropdown menu labeled "Select Lunch or Dinner" with "None" selected. Below it, a red error message reads "*Please select time".
- Number of People:** A text box labeled "How many people with you?" containing the number "5".
- Table Recommendations:** A section titled "Table Recommendation for you" showing a 3x6 grid of table icons. Each icon represents a table with four seats. The second and fifth tables in the first row are marked with a checkmark, indicating they are recommended.

3.9 Input

- Check if table not selected
 1. Date: select today from calendar
 2. Time: select lunch and select 02:00PM
 3. Number of people: 5
 4. Not selects any table
 5. Click submit buttonRefer to screenshot #input 4

- Screenshot #T14-12

Client Signature

Developer Signature

36 | Page



Client Details:

Name: _____ Address: _____

Email: _____

Phone: _____

Order No: _____ Date: ____/____/____

Order Requested by: ____/____/____

Order Received by: ____/____/____

Test Number	Description	Date (occurrence)

Signature: _____ Date: ____/____/____

VI. LOG OF MEETINGS, REVIEWS AND MEETINGS

• Group Meeting Log

Date	Participants	Agenda
Oct 4, 2018	<ul style="list-style-type: none"> • MinSup Kim • Junmo Kim • Sanil Khamkar 	<ul style="list-style-type: none"> • Revise Proposal • Revise Requirement Documentation • Task allocation
Oct 5, 2018	<ul style="list-style-type: none"> • MinSup Kim • Junmo Kim • Sanil Khamkar 	<ul style="list-style-type: none"> • Discussion for design documentation specification • Select the language and how to make program code for webpage • Review individual work • Task allocation
Oct 6, 2018	<ul style="list-style-type: none"> • MinSup Kim • Junmo Kim • Sanil Khamkar 	<ul style="list-style-type: none"> • Discussion about presentation contents • Review individual work • Task allocation
Oct 10, 2018	<ul style="list-style-type: none"> • MinSup Kim • Junmo Kim • Sanil Khamkar 	<ul style="list-style-type: none"> • Update Proposal for presentation • Update Requirement Documentation for presentation • Make the functionality of five main deliverables • Review individual work • Task allocation
Oct 11, 2018	<ul style="list-style-type: none"> • MinSup Kim • Junmo Kim • Sanil Khamkar 	<ul style="list-style-type: none"> • Revise and finalize the functionality of five main deliverables • Make the presentation template • Discuss about files and tables • Review individual work • Task allocation
Oct 12, 2018	<ul style="list-style-type: none"> • MinSup Kim • Junmo Kim • Sanil Khamkar 	<ul style="list-style-type: none"> • Discuss about design priority • Discuss about data flow diagram and data dictionary • Update the presentation template • Working on Design legend

		<ul style="list-style-type: none"> • Working on Top level design • Working on Medium level design • Review individual work • Task allocation
Oct 13, 2018	<ul style="list-style-type: none"> • MinSup Kim • Junmo Kim • Sanil Khamkar 	<ul style="list-style-type: none"> • Finalize the presentation template • Rehearsal the presentation • Working on Design legend • Working on Top level design • Working on Medium level design • Review individual work • Task allocation
Oct 14, 2018	<ul style="list-style-type: none"> • MinSup Kim • Junmo Kim • Sanil Khamkar 	<ul style="list-style-type: none"> • Rehearsal the presentation • Working on Design legend • Working on Top level design • Working on Medium level design • Review individual work • Task allocation
Oct 16, 2018	<ul style="list-style-type: none"> • MinSup Kim • Junmo Kim • Sanil Khamkar 	<ul style="list-style-type: none"> • Rehearsal the presentation • Working on Design legend and Implementation • Working on Top level design and Implementation • Working on Medium level design and Implementation • Review individual work • Task allocation
Oct 17, 2018	<ul style="list-style-type: none"> • MinSup Kim • Junmo Kim • Sanil Khamkar 	<ul style="list-style-type: none"> • Rehearsal the presentation • Design legend Implementation and revise • Top level design Implementation and revise • Medium level design Implementation and revise • Review individual work • Task allocation
Oct 18, 2018	<ul style="list-style-type: none"> • MinSup Kim • Junmo Kim • Sanil Khamkar 	<ul style="list-style-type: none"> • Write Design legend document • Write Top level design document • Medium level design document • Update FWBS • Update files and tables • Update meeting logs • Review individual work • Task allocation

Oct 19, 2018	<ul style="list-style-type: none"> • MinSup Kim • Junmo Kim • Sanil Khamkar 	<ul style="list-style-type: none"> • Revise and Write Design legend document • Revise and Write Top level design document • Revise and Write Medium level design document • Update Proposal • Update Requirement Documentation • Review individual work • Task allocation
Oct 20, 2018	<ul style="list-style-type: none"> • MinSup Kim • Junmo Kim • Sanil Khamkar 	<ul style="list-style-type: none"> • Revise and Write Design legend document • Revise and Write Top level design document • Revise and Write Medium level design document • Update Proposal • Update Requirement Documentation • Review individual work • Task allocation

VII. PROJECT ACCEPTANCE SIGNATURES FOR CLIENT AND DEVELOPER

By Signing this document, International Restaurant Inc. and JSK Inc. agreed that the proposed testing within the software environment has been delivered the expected functionalities and requirements as mentioned in the document. Since required features are fully provided, any additional feature and functionality will result in necessitate an additional payment towards the product. The total amount of International Restaurant Inc. project is USD 99,212 and required to be paid by, no later than, 3rd of December 2018.

If the payment has not been made by the mentioned date, JSK Inc, will charge an extra 7% of the total cost for the next week and 7.5% increase for every coming Monday.

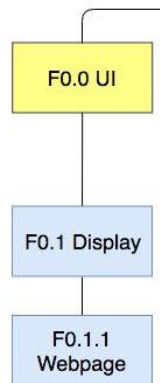
Sung Shin,
International Restaurant Inc. Owner

Sanil Khamkar,
CEO, JSK Company Inc.

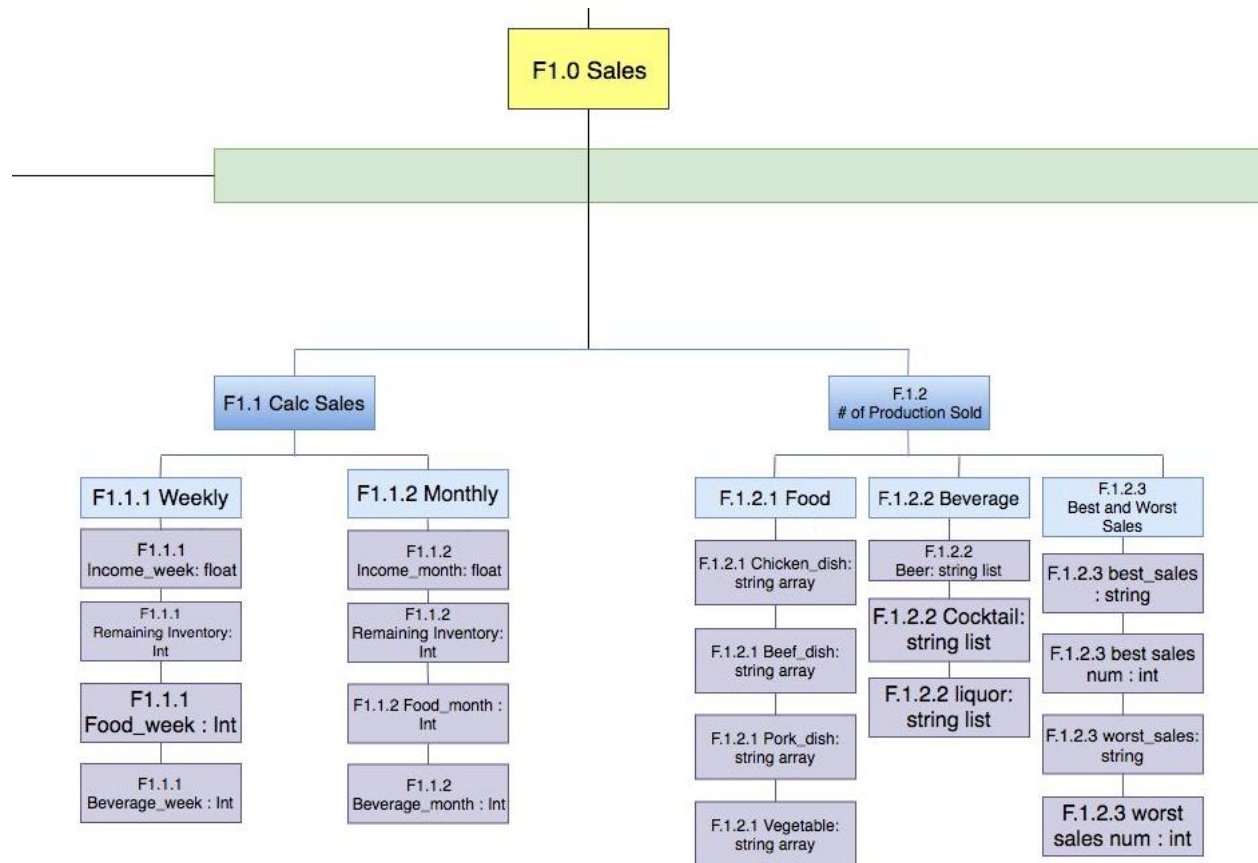
VIII. APPENDIX

VIII.I FWBS

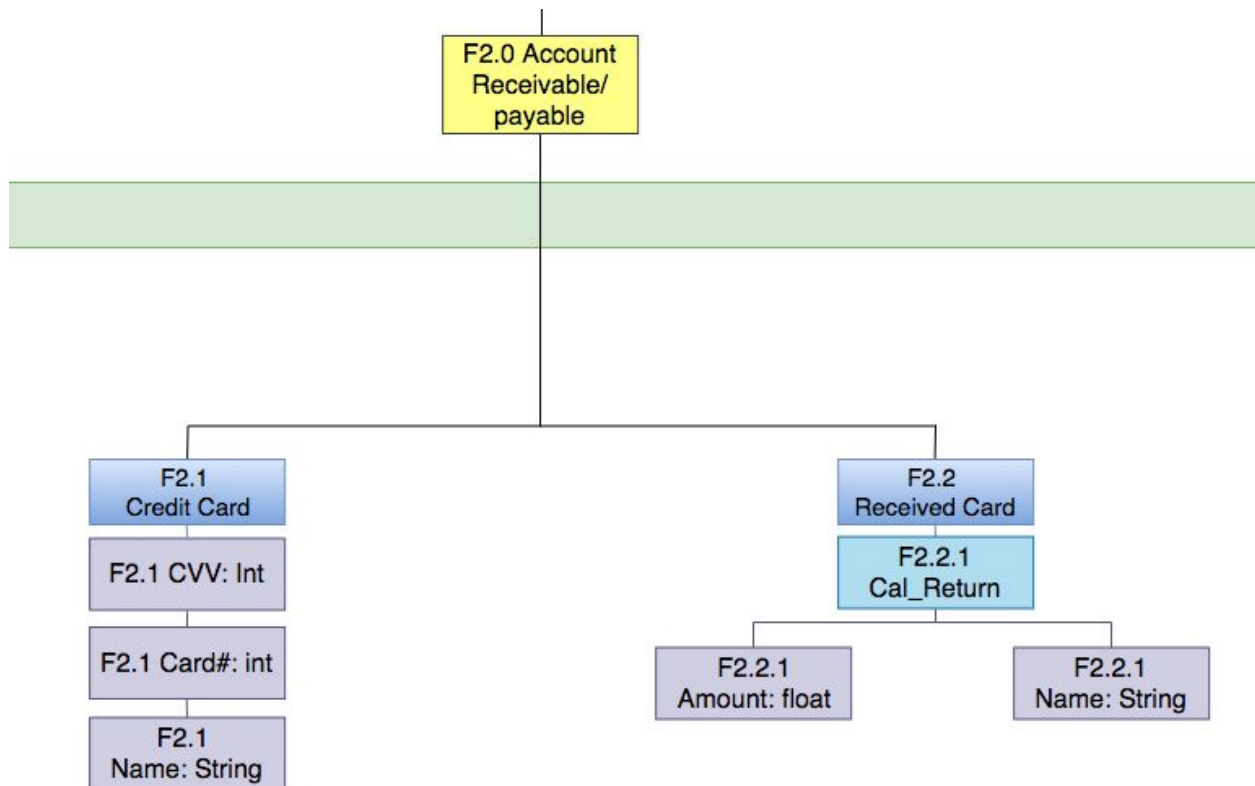
FWBS F0.0 User Interface



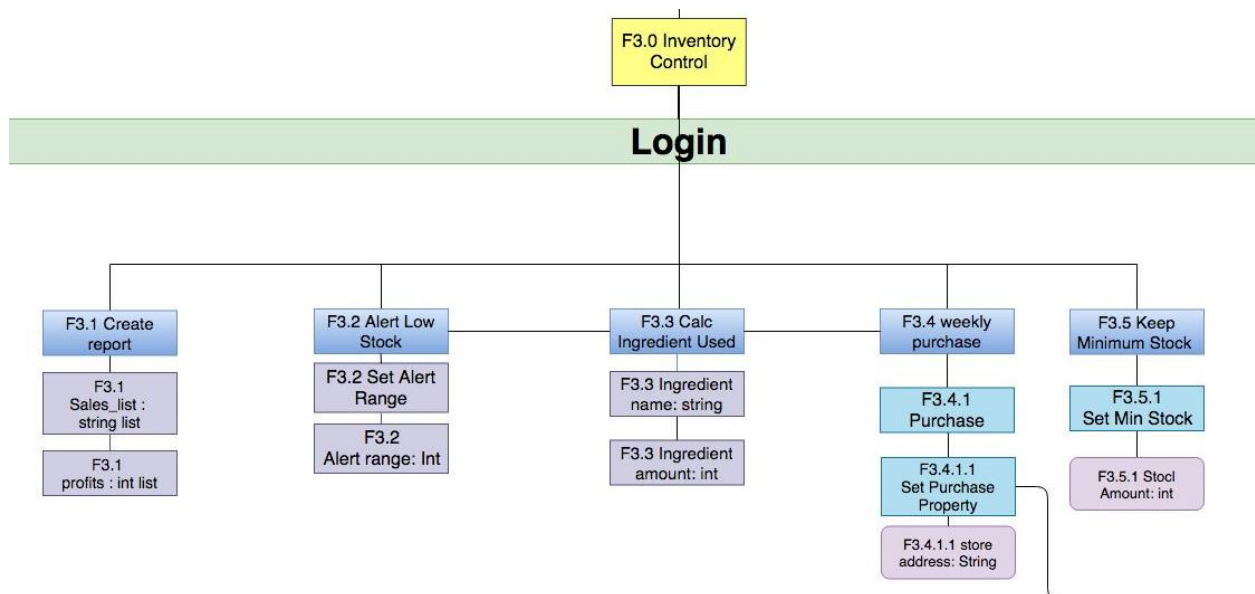
FWBS F1.0 Sales



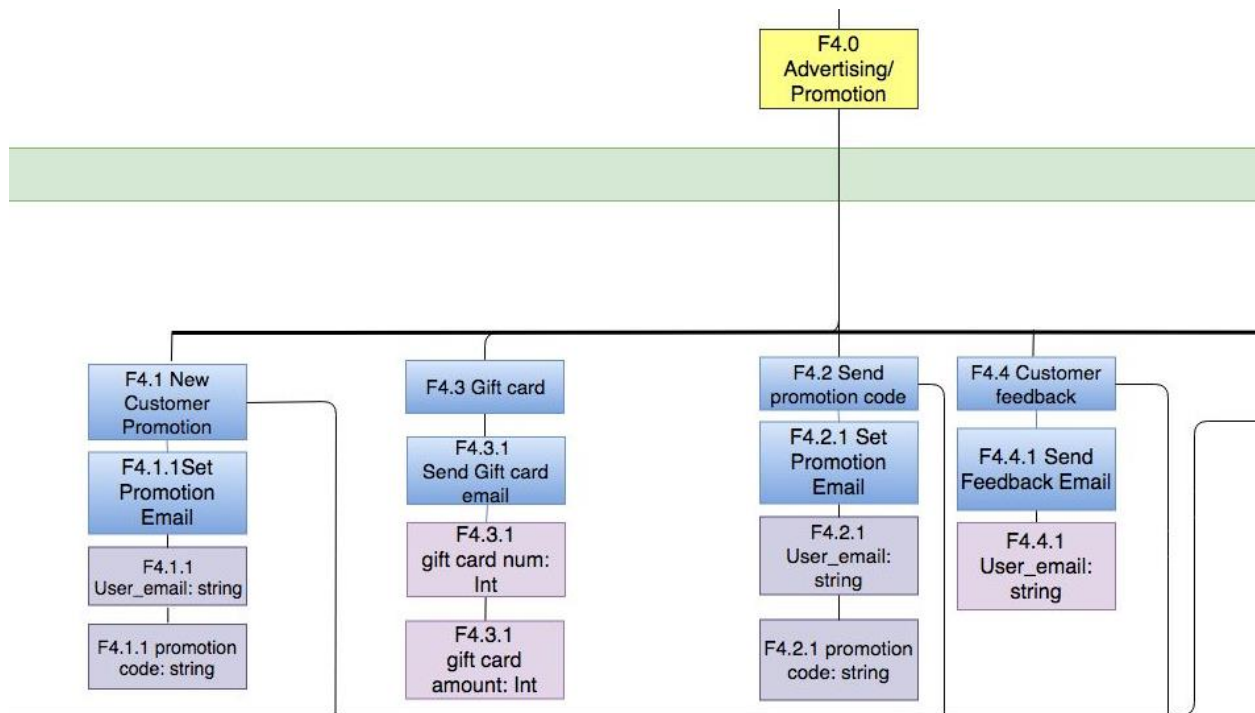
FWBS F2.0 Account Receivable/Payable



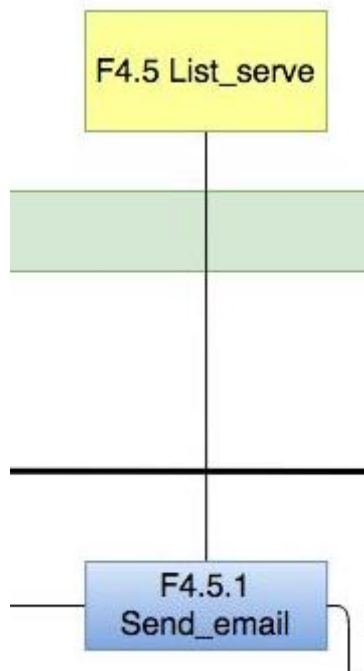
FWBS F3.0 Inventory



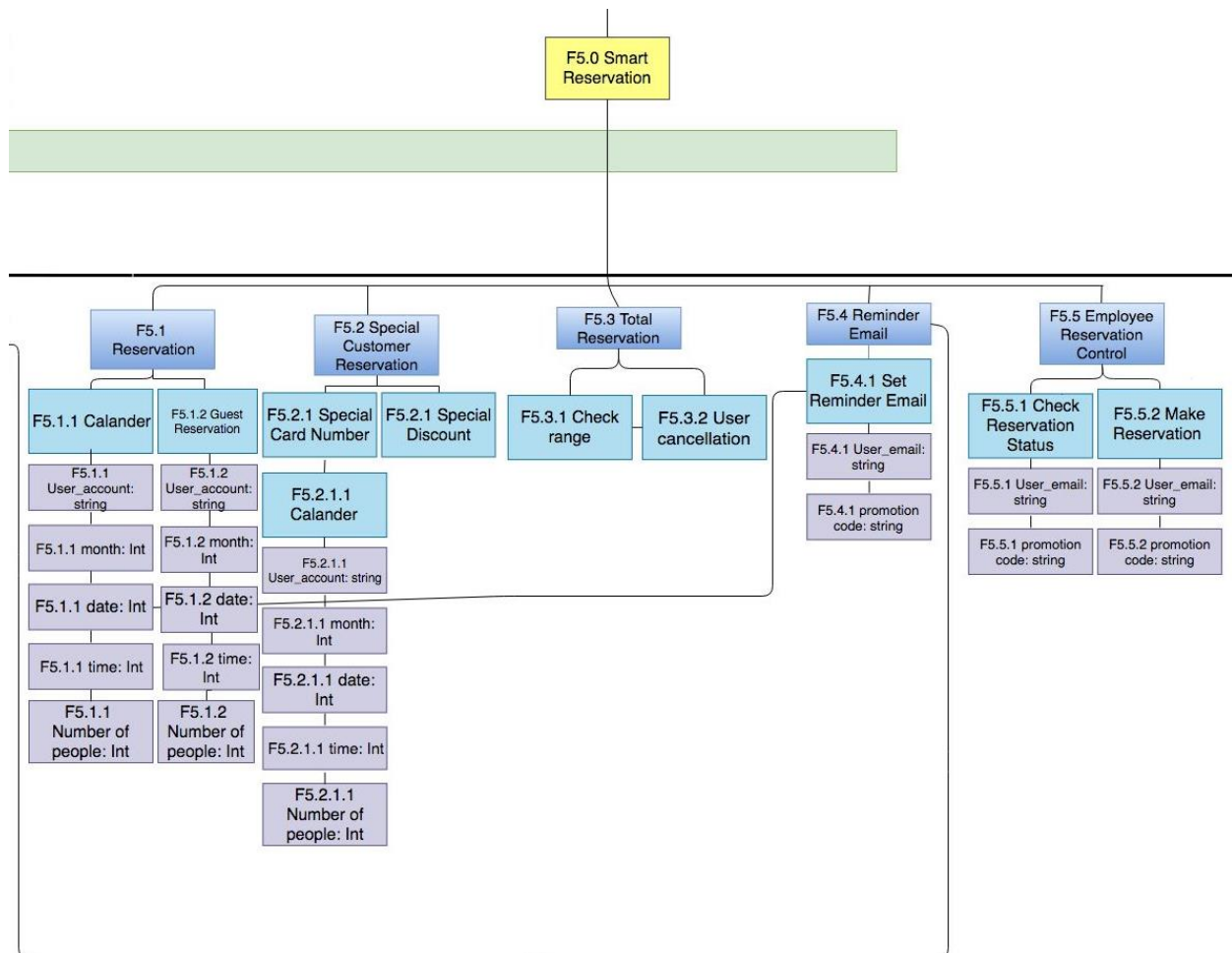
FWBS F4.0 Advertisement/Promotion



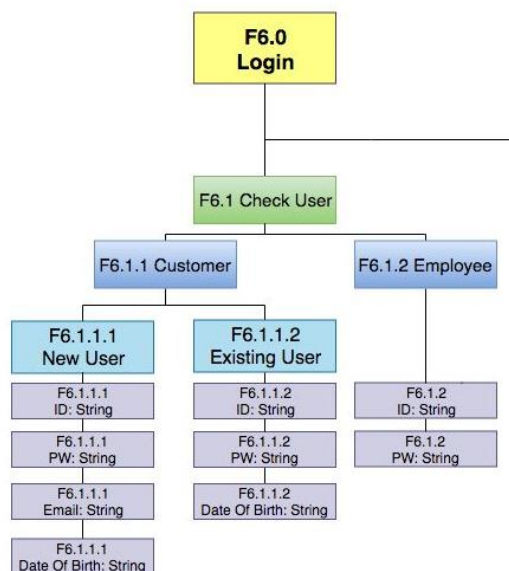
FWBS F4.5 List Server



FWBS F5.0 Smart Reservation



FWBS F6.0 Login



VIII.II References

1. https://www.researchgate.net/publication/46280097_Software_Testing_-_Goals_Principles_and_Limitations