**Circus Restaurant**

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**Overview :**

As a part of the Lexicon web development course for UI and UX design, the team will be designing a real-world project.The project is to design a new website for a new Circus Restaurant opening in the middle of Stockholm city.The project will be designed following the scrum methodology.

The concept of the new Circus Restaurant is to create a new website and allow users to get contact details about the restaurant , book a table for dining in , food menu system to select any dish, advertisement about the upcoming circus shows scheduled every Friday or Saturday , book tickets for the circus show,book a taxi and finally create a login account to have more preferences and choices.The website is also accessible from any mobile devices

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**Goals:**

The goal is to design a website for the new Circus Restaurant and to attract as many users as possible to dine in and watch the circus show and have a great time.

In order to achieve this the website of the new Circus Restaurant should have the following features:

1. Food Ordering System:

* Every table in the restaurant should have a tablet.
* The customer should be able to see the menu in the tablet and order his/her food.

1. Circus Booking System:

* The customer should be able to book tickets for the circus show organized every Friday or Saturday.

1. About the Circus Restaurant:

* The website should contain all the details of the new Circus Restaurant like phone number,address,map and contact details.

1. Advertisement of the Upcoming circus show.

* The home/landing page should contain an advertisement for the upcoming circus shows.
* The customer should be able to click on the advertisement and should be able to book tickets for the circus show.

**Phases:**

**Phase 1: Implementing the scrum methodology**

* Creating a scrum board to manage,organize and track the project flow.
* Creating an account in “**Trello”**. It is an online tool for managing projectsby filling and tracking the backlogs.
* Daily stand up meeting for about 10 -15 mins to discuss on the current working status of the project.
* Meetings along the way to track the progress and /or to discuss any issues related to the project.
* Updating Trello for each and every project activity by adding cards for each activity in Backlog and moving the card through the different phases of To Do ,Work in Progress and Done.
* The link to the Trello Scrum board is [Trello Scrum Board](https://trello.com/b/I1dosTuc/circus-restaurant).

**Phase 2: Survey and Analysis for the new Circus Restaurant**

* The first and the most important step is “**Customer Satisfaction”.**
* For best customer satisfaction ,we need to design a website which takes care of the choice and interests of the customers apart from the specified requirement.
* In order to achieve that we need to conduct a survey from various people around about their views and suggestions on the new restaurant which helps to get a clear,defined and organized way to design an user attractive and user friendly website.
* Inorder to get the best of the survey results,right questions has to be put on the survey form.
* The survey form built from the google doc form named as **“Circus Restaurant Survey “** is made and shared across the family,friends,neighbours and others for their valuable inputs which will in turn help in the analyzing,defining ,prioritizing and designing of the website accordingly.
* The link to the **“Circus Restaurant Survey “** form is [Circus Restaurant Survey](https://docs.google.com/forms/d/e/1FAIpQLSfFrEFd-mORjuLT9dLbthqJjCyuTiAo7-Rqj3s4o-OXMM26PA/viewform).

**Phase 3: Survey Results and Final Analysis**

* Once the survey is completed the data of the survey along with the responses is analyzed by the team and the corresponding graph is generated.
* As per the survey data,response and graphs the features of the website is planned.
* The link to the final Survey Result is [Survey Data Result](https://docs.google.com/spreadsheets/d/1m6emINj-G2VgesJszAOXaRlu3AxqcHxFo7h-8Kd9kqQ/edit?usp=sharing).
* The outcome of the final survey result is used to build the new website of the Circus Restaurant

**Phase 4: UI/UX Design**

* A mock up design of the website is first created with the Balsamiq Wireframe program.
* Balsamiq Wireframes is a rapid low-fidelity UI wireframing tool.
* An account login is created to start working with the Balsamiq wireframe tool.
* A new wireframe project for the website as well as the mobile version of the website is created in the Balsamiq cloud [Restaurant Circus](https://balsamiq.cloud/st3z5rh/px9f5hk).
* The website is designed by dragging and dropping the required controls to the specific webpage.
* The web pages for each requirement are designed.
* After the designing of the webpages of the new Circus Restaurant using Balsamiq wireframe is completed the team then discussed which programming language to be used to code the web pages.
* HTML ,CSS,Javascript and Jquery is used to code the web pages of the new Circus Restaurant website.
* The Trello is updated accordingly to the task assigned to each team member and is tracked.
* The team has created the 7 main pages namely Home,Menu,Book Table,Circus Acts,Book Taxi ,Login and Book Circus page for the circus booking system.
* As the last part, we decided to implement the mobile version of the website.

**Content:**

**Pages,Templates and Layouts**

The new Circus Restaurant website has the following pages and layouts:

* Landing Page
* Home Page
* Menu Page
* Book Table Page
* Circus Acts
* Book Circus Ticket
* Book Taxi
* Login Page
* Register Page
* Forgot Your Password Page
* Circus Logo
* Mobile Version Link
* Navigation Bar

The content type of each page is described below:

1. **Landing Page:**The landing page is the main page which loads when the website is opened.

* The Landing Page has the following fields:

1. Navigation Bar at the top right which redirects to the other pages.
2. Circus Logo at the top left corner of the page.
3. Description of the Upcoming Circus shows every Friday and Saturdays.
4. Book Now button which redirects to the Circus Acts Page which in turn redirects to the Book Ticket Page where the user can book tickets for the circus show.
5. Contact Information about the Circus Restaurant like site map,address,telephone,fax and email.
6. **Home Page:** It is the first link in the Navigation Bar which also redirects to the Landing page of the website as described above.
7. **Menu Page**: The Menu Page is the second link in the Navigation Bar.

* The user can see the list of all the menu items served for dinner along with the price.
* Onclick of any item of the menu, the selected item is listed along with an option to select the quantity and the price of the selected item from the menu is also displayed.
* Place Order Button is to place the selected order by the user.
* Onclick of the Place Order button a message with “Thank you for your order! Your Total price is:\*sek is displayed.
* A confirmation message with “Thank You ! Your order is on its way!” and “Your total is \*sek “ is also displayed.

1. **Book Table Page**: The Book Table page is the third link in the Navigation Bar.

* The user can use The Book Table to book a date and time for dining in.
* It has a Booking date field to select the date and time.
* It has a Number of Guests input field to select the number of guests.
* It has 4 checkboxes namely Kids,Vegan,Gluten Free, Dairy Free to choose from to book a table.
* It has a Book Button to the book table.
* Displays a confirmation message once the Book button is clicked.

1. **Circus Acts Page**:The Circus Acts Page is the fourth link in the Navigation bar.

* It contains the list of Upcoming Circus Shows.
* It contains the circus acts along with an image for each circus act.
* Onclick of an image of the circus acts , the page redirects to the Book Circus Page to allow the user to book tickets for the upcoming shows.

1. **Book Taxi Page**:The Book Taxi Page is the fifth link in the Navigation Bar

* The user can book a taxi by providing all the details in this page.
* The user needs to fill the following fields :

1. First Name
2. Last Name
3. Address
4. Email Address
5. City
6. Area/Country
7. PostCode
8. Country
9. Telephone

* After filling the details the user needs to click on the Book button.
* An alert message “Taxi is on the way” is displayed.
* A check box with “Pick me at the Restaurant” is also available for the user to have the taxi picked up near the Restaurant.

7. **Login Page:** The Login page is the sixth link of the Navigation bar.

* The user can login into the Circus Restaurant Page by entering his/her username and password.
* The Login Page has the following fields:

1. Enter UserName
2. Enter Password
3. Check box to Remember Password
4. Login Button
5. Register Link
6. Forgot Your Password Link.

8. **Register Page:** Register Page is a link down in the Login Page.

* A new user can login into the Circus Restaurant Page by registering himself/herself in the Register Page.
* The Register Page has the following fields:

1. First Name
2. Last Name
3. Password
4. Confirm Password
5. Address
6. Email Address
7. City
8. Region
9. Postcode
10. Country
11. Telephone
12. Register Button

* The user needs to fill in the details and click the Register button.
* Onclick of Register “You are Registered” Message is displayed.

9. **Forgot Your Password Page:** Forgot Password Page is a link down in the

Login Page.

* If the user forgets his/her password while logging in , he/she can click on the forgot your password link down under the Login button.
* On click of the Forgot Your Password link the Forgot Your Password page is opened.
* It has an input field to Enter your email to recover your password.
* The user needs to enter his/her email address to recover his password.
* Onclick of Recover Button a message “Email sent” is displayed.

10. **Circus Logo:**The circus logo is an image at the left top corner of the Landing Page.

* Onclick of the Circus Logo redirects to the Landing Page.

11. **Mobile Version Link:**The Mobile version link redirects to the mobile version of the

Circus Restaurant website.

12. **Navigation Bar:**The Navigation Bar at the right top corner of the Landing Page

shows up Five links onclick of which redirects to the corresponding web pages.

The navigation bar has the following links

* Home
* Menu
* Book Table
* Circus Acts
* Book Taxi
* Login

**Responsive Design:**

**Mobile Version**

The new Circus Restaurant Mobile website design responds to the user’s behaviour and environment based on screen size , platform and orientation.The team has used Bootstrap to design the mobile version of the website.

Note:Bootstrap is the web’s most popular framework for designing responsive web applications. It gives front end developers the ability to quickly build fluid web pages with a set of common HTML and CSS components.

The following design changes were made for the mobile version of the Circus Restaurant using bootstrap:

* HTML and CSS files were modified according to the bootstrap.
* Collapsible Navigation Bar
* Adjustable images and layouts

**Functionality:**

The new Circus Restaurant website allows a user with the following functionality:

The user Can:

* Know the details about the restaurant like the upcoming circus shows on Fridays and Saturdays.
* Get the contact information and the site map of the restaurant.
* Click on the Menu link from the navigation bar to select any food item from the dinner menu and place an order.
* Book a table for dining in the restaurant by clicking on the Book Table link of the navigation bar.
* See the list of the upcoming circus shows in the Circus Acts link of the navigation bar.
* Click on any of the images in the Circus Acts page to book the tickets for the show.
* Book a taxi to/from the restaurant using the Book Taxi link in the navigation bar.
* Login into the website with his/her username and password in the Login page by clicking on the Login link from the navigation bar.
* In the case of a new user, register by providing all the details in the Register Page and can create a login account.
* The user can also recover his/her forgotten password by clicking on the Forgot Your Password link in the Login page.
* Provide his/her email address to recover the password.
* Access the website from other mobile devices .

**Accessibility:**

The website is accessible for anyone ,regardless of technology,location or ability.

**Browser and Device Support:**

The website supports all mobile devices, tablets, etc and browsers like Chrome,IE,Firefox,Safari.

**Bug Fixes ,Changes and Future Enhancement:**

Modifications, bug fixes and improvements for future versions :

* Include a corporate/gift card which was planned for our website but we missed it.
* Automatically display mobile web pages for mobile devices.
* Validation for all the Pages.
* Fix counters on the menu page to update the cost of multiple items.
* Implement the back end system.
* Provide a payment system for redeeming gift cards in lieu of cash.
* Automatically populate web site data such as restaurant menu specials and upcoming acts and events from a SQL database.
* Provide an online boutique for the sale of souvenirs, t-shirts, beer mugs

and gift cards.