# CS 6314 - Assignment#2
# Due Date: 10/19/25, 11:59 pm

In this assignment, you are supposed to develop a web application for travel deals using HTML, CSS and Javascript. The app should have 6 web pages, including stays, flights, cars, cruises, and contact-us.

Using an external css (mystyle.css), add the following layout to all web pages. Please note for the navigation bar, you must have links to all 6 web pages in your web application.

| Header | |
|---|---|
| **Horizontal Navigation Bar** | |
| **Side** | **Main Content** |
| **Footer** | |

1. Display current local date and time in your web application.

2. Validate user inputs in the contact-us page as following ( You are supposed to use regular expression for validation in this part)
• The user must enter first name, last name, phone number, gender ( as a radio box), email address, and comment.
• The first name and last name should be alphabetic only
• The first letter of first name and last name should be capital
• The first name and the **last** name can not be the same
• Phone number must be formatted as ( ddd) ddd- dddd
• Email address must contain @ and .
• Gender must be selected
• The comment must be at least 10 characters

You should validate the user inputs when the user clicks a "submit" button in the contact page. If the user doesn't enter valid information as specified above, you must prompt the user to enter valid information.

3. Allow users to change font size of main content and background color of your web application.

4. In the book webpage, the user should be able to choose the type of trip. If the user chooses one way trip, the user should be able to enter the origin, destina-

tion, and departure date. If the user chooses a round trip, the user should be able to enter the origin, destination, departure date for departing flight and arriving flight. In the flight webpage, there should be a passenger icon. If the user clicks on the passenger icon, a form should be displayed. In this form, the user also should be able to enter the number of passengers for each category (adults, children, or infants). When the user clicks search button, after validating the user inputs, you should display all the above information entered by the user. If any user input is not valid, you should inform the user.

Validate user inputs for this page as following . ( You are supposed to use regular expression for validation in this part)
• The user must enter departure date anytime between Sep 1, 2024 to Dec 1st 2024.
• Origin and destination must be a city in Texas or California
• Number of passengers for each category can not be more than 4

5. In the stays webpage, the user should be able to enter the name of city, the check in date, check out date, number of guesses for each category (adults, children, or infants). When the user clicks a search button, after validating the user inputs, you should display all the information entered by the user. You should also display the number of rooms the user needs. If any user input is not valid, you should inform the user.

Validate user inputs for this page as following . ( You should not use regular expression for validation in this part)
• The user must enter check in date, and check out date anytime between Sep 1, 2024 to Dec 1st 2024.
• The city must be a city in Texas or California
• Number of guesses can not be more than 2 for each room. However infants can stay with adults even if the number of guesses exceeds 2

6. In the car webpage, the user should be able to enter the name of city, type of car, the check in date, and check out date . When the user clicks a submit button, after validating the user inputs, you should display all the information entered by the user. If any user input is not valid, you should inform the user. Please note that you are supposed to use DOM methods to develop this page.

Validate user inputs for this page as following
• The user must enter check in date, and check out date anytime between Sep 1, 2024 to Dec 1st 2024.
• The type of car can be economy, SUV, Compact or midsize

7. In the cruise page, the user should be able to enter a destination , enter departing between, duration of cruise (minimum and maximum), and number of guesses per category. When the user clicks a submit button, after validating the user inputs, you should display all the information entered by the user. If any user input is not valid, you should inform the user. Please note that you are supposed to use jQuery methods to develop this page.

Validate user inputs for this page as following
• The destination should be Alaska, Bahamas, Europe, or Mexico
• For duration of cruise (minimum and maximum), minimum can not be less than 3 and maximum can not be greater than 10 days
• Departing between can be anytime between Sep 1, 2024 to Dec 1st 2024.
• Number of guesses can not be more than 2 for each room. However infants can stay with adults even if the number of guesses exceeds 2