

CENG388 Web Programming

2022-2023 Spring

Homework #1


Due date: 23.04.2023, 11:59 pm

In this homework, you are expected to implement a single-page website according to the specifics given below. You should try to stay as faithful as possible to the screenshots and specification (e.g., color codes) given below. If something is not explicitly shown, you are allowed to change that as you like without going overboard. All the pictures shown below are provided alongside this pdf file.


G lbah e Burger

[About Us](#)[Switch to Dark Mode](#)


Please enter your name for a personalized experience:




Cheeseburger 70 TL




Onion Rings 30 TL




French Fries 25 TL



Chicken Burger 60 TL



Fizzy Drink 20 TL

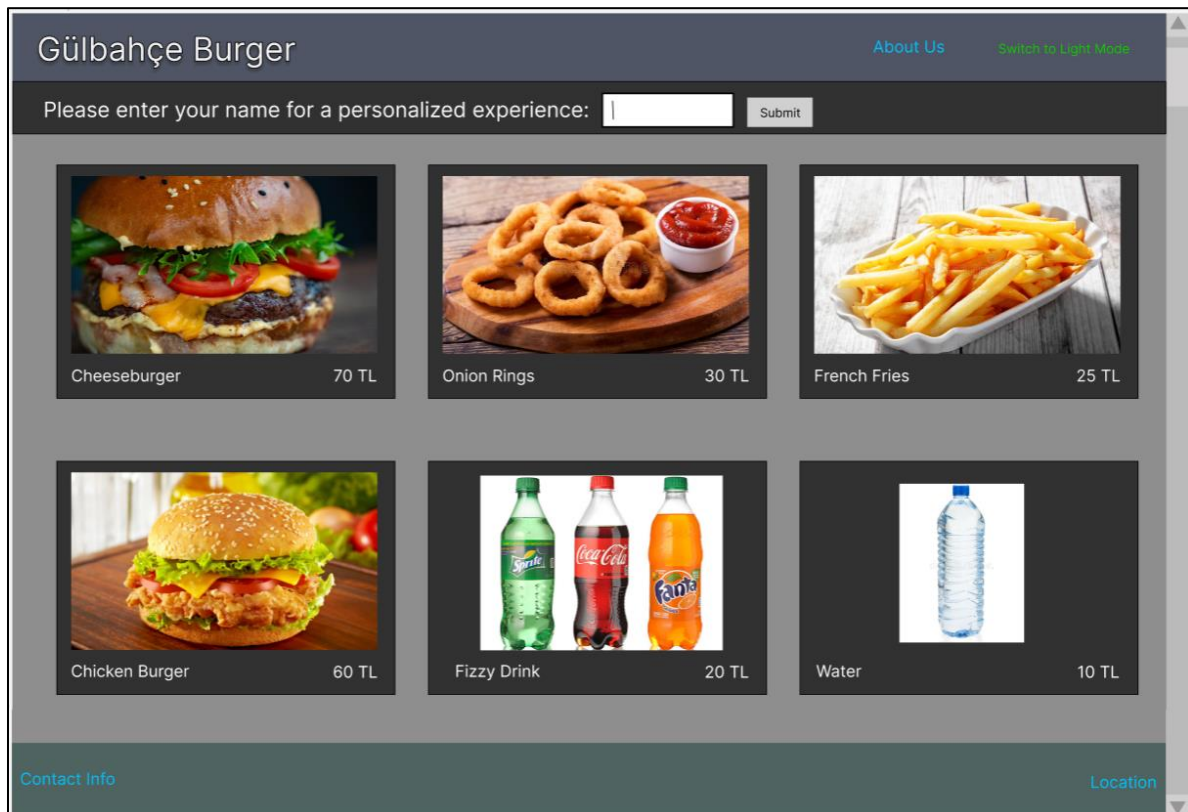


Water 10 TL

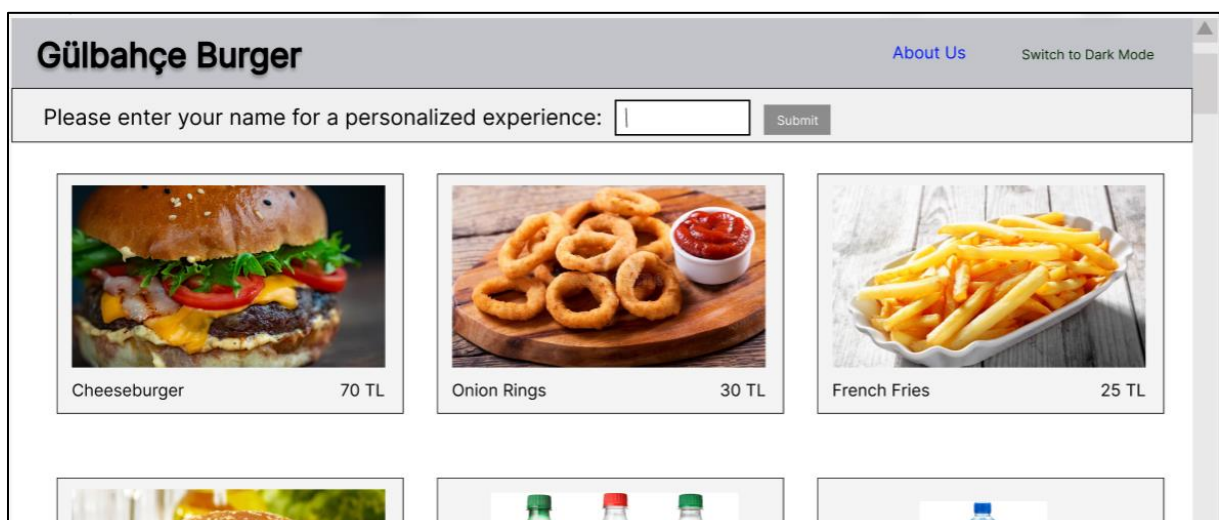
[Contact Info](#)[Location](#)




- Color codes:
 - Black: 000000
 - Blue: 001AFF
 - Dark Green: 032900
 - Grey areas: You can use any tone of grey as long as it is fitting for the light mode.

- The webpage should be able to switch between light and dark mode using the button on the top right. The color scheme of the dark mode:
 - Light blue: 00C2FF
 - Light green: 10CB00
 - Grey/black areas: You can use any tone of grey and black as long as it is fitting for the dark mode.
 - The features (explained in the remainder of this pdf) also require proper dark mode integration as well. For them, you can use any tone of grey and black as long as it is fitting for the dark mode.



- The webpage should be scrollable for when the browser window size is smaller. Here is an example scenario:



Cheeseburger 70 TL	Onion Rings 30 TL	French Fries 25 TL
		
Chicken Burger 60 TL	Fizzy Drink 20 TL	Water 10 TL
Contact Info	Location	

- The bar below the header that says “Please enter your name for a personalized experience:” also contains a textbox and a Submit button. When the user enters their name and presses Submit, this whole bar should be updated as shown below. <Name> should be the input that is received from the textbox. You should add a sanity check to this input so that no special characters or numbers will be accepted. In case of an incorrect input, the textbox should be emptied and Submit button should become red (to expect another input).
 - Red: FF4545

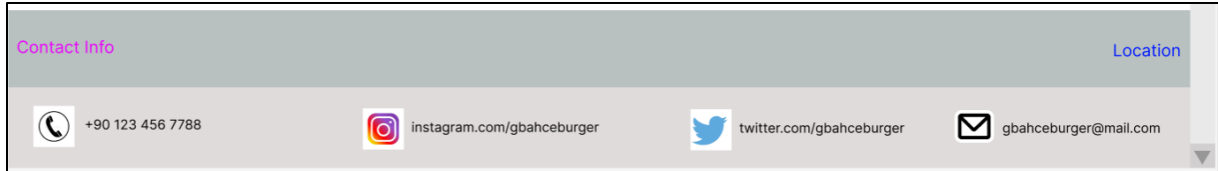
Gülbağçe Burger	About Us	Switch to Dark Mode
Welcome, <Name>		

Gülbağçe Burger	About Us	Switch to Dark Mode
Please enter your name for a personalized experience: <input type="text"/> <input type="button" value="Submit"/>		

- When “About Us” button is pressed, a new box should appear directly under the header. This box should push down personalized name bar and have the contents shown below. Also, the button should turn purple (EB00FF). If the is pressed again, the new box should become hidden, and button should turn back to blue.

Gülbağçe Burger	About Us	Switch to Dark Mode
About Us: Gülbağçe Burger is a fast food joint in Urla/İzmir. It opened for business in 2023.		

- The same situation as above should also apply to the “Contact Info” and “Location” buttons as well. The contents of the boxes of these buttons are shown below. These boxes should appear at the bottom of the webpage. Only extra feature here should apply when clicking one of these two buttons while the other is already showing its contents. In this case, the former is returned to its blue state and the newly clicked button should go into its purple state and show its contents.



Additional Information:

You can find the design details of the webpage on Figma.

Link: <https://www.figma.com/file/20FxMz4Ymz32W5TYNGnNwv/CENG388-HW1-Draft?node-id=0%3A1&t=20ybm8VAiOOghxFt-1>

Submission Rules:

1. You should submit your assignments through Teams until due date. No late submissions will be accepted.
2. You have to submit your solution in a single zipped file. It should be names in the following format: “ceng388_hw1_studentID.zip”.
For example, “ceng388_hw1_123456789.zip”
3. Cheating or collaborative work with others will not be tolerated and will be considered a zero grade.