

## **COMP 9783 Front-end Development**

### **Lab-2-3 - CSS Frameworks (Web App Form). (4% of the course mark)**

Name:

Student Number:

The CSS Framework (Web App Form) Lab is a hands-on workshop designed to familiarize participants with the usage and implementation of popular CSS frameworks. In this lab, participants will have the opportunity to explore different CSS frameworks, understand their features, advantages, and learn how to integrate them into web projects efficiently.

#### **Lab objectives:**

1. Participants will be introduced to the concept of CSS frameworks, understanding their purpose and significance in modern web development.
2. The lab will provide an overview of various popular CSS frameworks such as Bootstrap, Bulma, or Tailwind CSS. Participants will explore the features, components, and customization options offered by each framework.
3. Analyze an existing form and build a new web app form based on the chosen framework.

## Form Analysis:

- See the following form images (Fig1 Fig2, and Fig3) below:

		2024	
<b>MEMBERSHIP FORM</b>			
<b>MUST BE COMPLETED IN FULL</b>			

  

MEMBER TYPE	Age as of January 1"
Senior	Single member 60 years of age & older
Adult	Single member 18 to 59 years of age
Junior	Single member 17 years of age & under
Family	Two adults & children 17 years of age & under (Immediate family & living at the same address)

  

FEES	QTY	SUB-TOTAL	
\$70	x 0	=	\$ 0 -
\$85	x 2	=	\$ 170 -
\$50	x	=	\$ 0 -
\$200	x	=	\$ 0 -
<b>Total</b>			\$ 170 -

Fig 1

RETURNING	NEW	FREE LESSONS
<div> <div>Street:</div> <div>City:</div> <div>Zip:</div> </div>		
<div> <div>Primary Contact #</div> <div>Alternate #</div> </div>		
<div> <div>MEMBER INFORMATION</div> <div> <div>FIRST NAME</div> <div>LAST NAME</div> </div> <div> <div>GENDER</div> <div>BIRTH DATE</div> </div> </div>		
<div> <div>1</div> <div>Cell # &amp; Email Address</div> </div>		
<div> <div>2</div> <div>Cell # &amp; Email Address</div> </div>		
<div> <div>3</div> <div>Cell # &amp; Email Address</div> </div>		
<div> <div>4</div> <div>Cell # &amp; Email Address</div> </div>		

Fig 2

PRIVACY POLICY	MEMBERSHIP INFORMATION	E-Transfer to:
<p>The personal information you provide to the Thomas Park Tennis Club (TPTC) will be used by the TPTC and available to the TPTC's Executive, other members of the TPTC and non-members who need such information for legitimate operational purposes including running league leagues, STP matches, lessons, tournaments, tennis fairs and other TPTC activities. By submitting your membership, you consent to such uses as well as the use of personal images and personal pictures if available and used on the TPTC web site and information boards. The TPTC, however, understands your privacy concerns and does not sell its membership list to commercial organizations. As a member you agree to abide by the TPTC Code of Conduct and it's by-laws.</p>	<div> <div>Any applicant under 18 years of age as of Jan. 1st of current year requires the consent of a parent or guardian of the applicant.</div> <div> <div>Signature of Applicant – Print &amp; Sign</div> <div>Signature of Parent or Guardian – Print &amp; Sign</div> </div> </div>	<div> <div>Date</div> <div>Date</div> </div>

Fig 3

- Evaluate the form based on the following criterias:

- Background
- Colors
- Font

- d. Layout
  - e. Data it needs to collect
3. Based on the form evaluation, what recommendations do you have for each criteria?
  4. Use the file: **form-evaluation.html** to answer the questions on **step 2** and **3**.

#### **Form Implementation:**

1. Based on the recommendations on **Form Analysis step 3**, Use the file: **form-redesign.html** to implement the web app form.
2. Use **any CSS framework** of your choice to implement the redesigned form.

#### **Submission:**

1. Create a new folder named **submit** and copy all the **HTML**, **CSS** and **PNG** files used in this lab.
2. Create a **zip file** of the **submit folder**.
3. Submit the **zip file** to **GBC - D2L**.