



Web-Based Interface Design

(CSF 3133)

LAB REPORT 8

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GROUP: K4

PROGRAMME: COMPUTER SCIENCE (SOFTWARE ENGINEERING)

8.3 Create First Web Page from Bootstrap

Google Meet x Lab_Module_Ch7.pdf x Basic Bootstrap 4 Page x +

File C:/Users/Asus/OneDrive/Desktop/SEM3/CSF3133%20Web-based%20Interface%20Design/CSF3133Lab8/basic-bootstrap.html?#

Import favorites YouTube Translate Instagram Telegram Google Meet Maps EpermitHtml Google Books

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- Cloud Computing
- Cybersecurity Consulting
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Contact Us

Name:

..

Contact Us

Name:

Email:

Message:

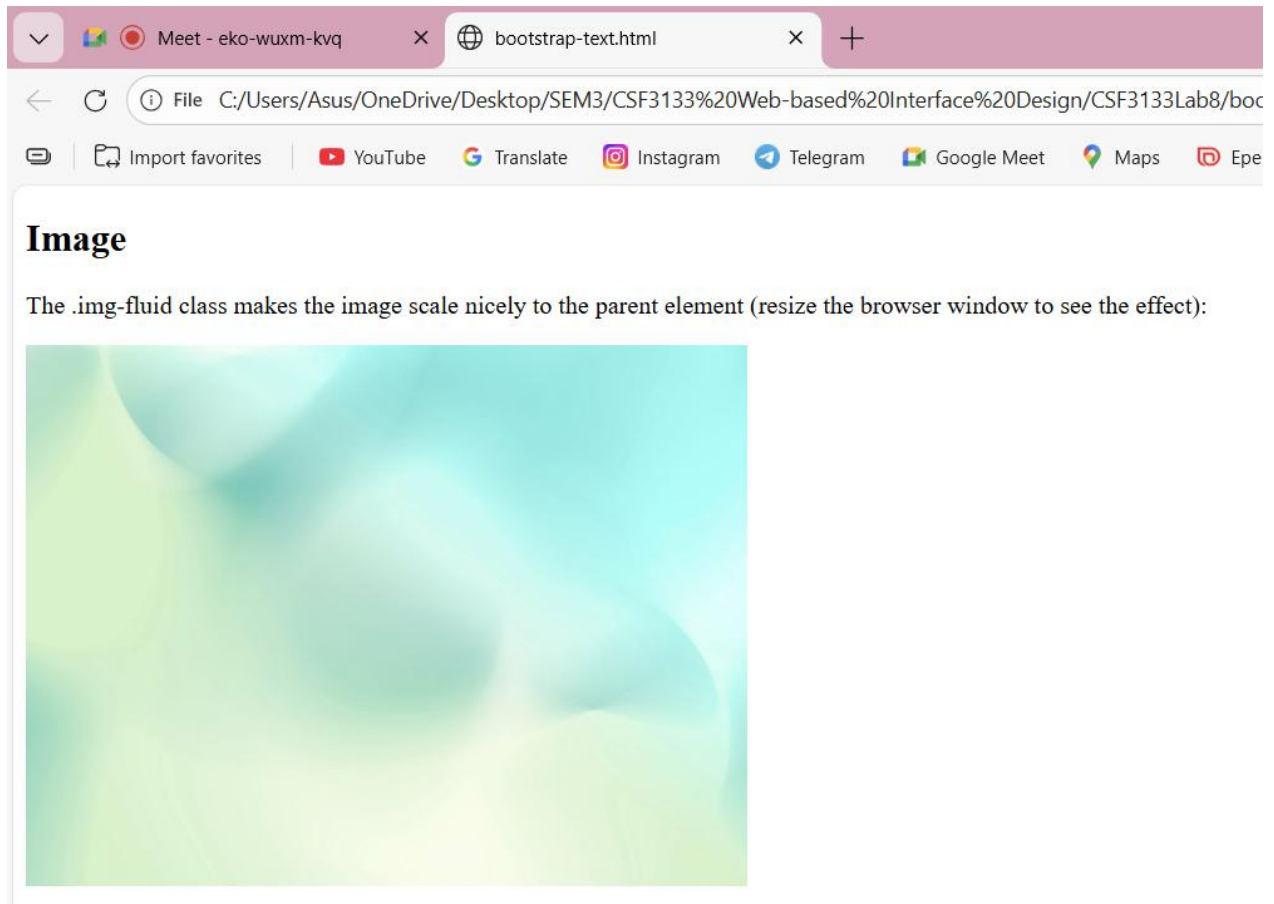
Submit

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8.4 Responsive Image

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>

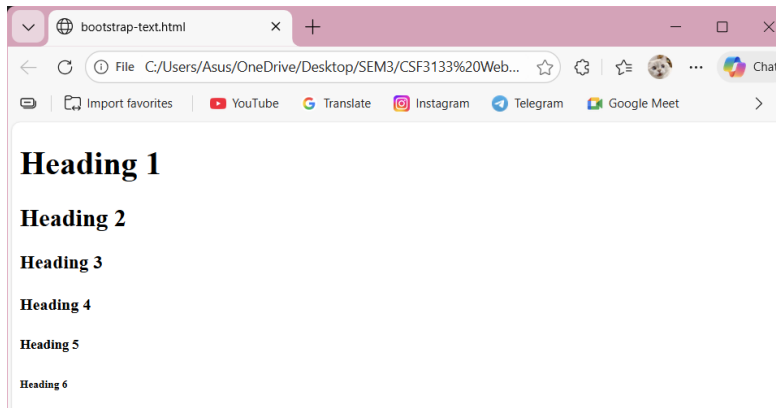
    <div class="imgFluid">
      <h2>Image</h2>
      <p>The .img-fluid class makes the image scale nicely to the parent element (resize the browser window to see the effect):</p>
      
    </div>
```



8.5 Bootstrap Text/Typography

8.5.1 Headings

```
<div>  
  <h1 class="h1">Heading 1</h1>  
  <h2 class="h2">Heading 2</h2>  
  <h3 class="h3">Heading 3</h3>  
  <h4 class="h4">Heading 4</h4>  
  <h5 class="h5">Heading 5</h5>  
  <h6 class="h6">Heading 6</h6>  
</div>
```



8.5.2 Display Headings

```
<div>  
  <h1 class="display-1">Display 1</h1>  
  <h2 class="display-2">Display 2</h2>  
  <h3 class="display-3">Display 3</h3>  
  <h4 class="display-4">Display 4</h4>  
  <h5 class="display-5">Display 5</h5>  
  <h6 class="display-6">Display 6</h6>  
</div>
```

Display 1

Display 2

Display 3

Display 4

Display 5

Display 6

8.5.3 Inline Text Elements

```
<div>
  <p class="text-start">
    <u>Left-aligned text</u> <s>hahahaha!</s>
  </p>
  <p class="text-center">
    We want to make a few words stand out and
    <span class="fw-bold">center the whole line</span>.
    The phrase <em>"stand out"</em> is italicized,
    and this entire last part is <small>written in smaller font.</small>
  </p>
  <p class="text-end">
    <u>Right-aligned text</u> <code>Hello World!</code>
  </p>
</div>
```

Left-aligned text hahahaha!

We want to make a few words stand out and **center the whole line**. The phrase "stand out" is italicized, and this entire last part is written in smaller font.

Right-aligned text Hello World!

8.5.4 Text Color and Background

```
<div>
  <p class="text-primary">Primary colored text.</p>
  <p class="bg-warning text-dark">Text with background color.</p>
</div>
```

Primary colored text.

Text with background color.

8.5.5 Text Wrapping and Overflow

```
<div class="text-nowrap">This text will not wrap.</div>
<div class="text-truncate" style="width: 200px;">This text will truncate if it is too long to fit in the available width.</div>
<div class="text-break">ThisIsAREallyLongWordThatWillBreakOntoANewLine.</div>
```

This text will not wrap.

This text will truncate if it i...

ThisIsAREallyLongWordThatWillBreakOntoANewLine.

8.5.6 Font Size

Large text

Medium text

Small text

8.5.7 Font Weight and Style

Bold text

Light and italic text

8.5.8 Line Height

This text has a large line height

8.5.9 Lists

Unstyled List

Item 1

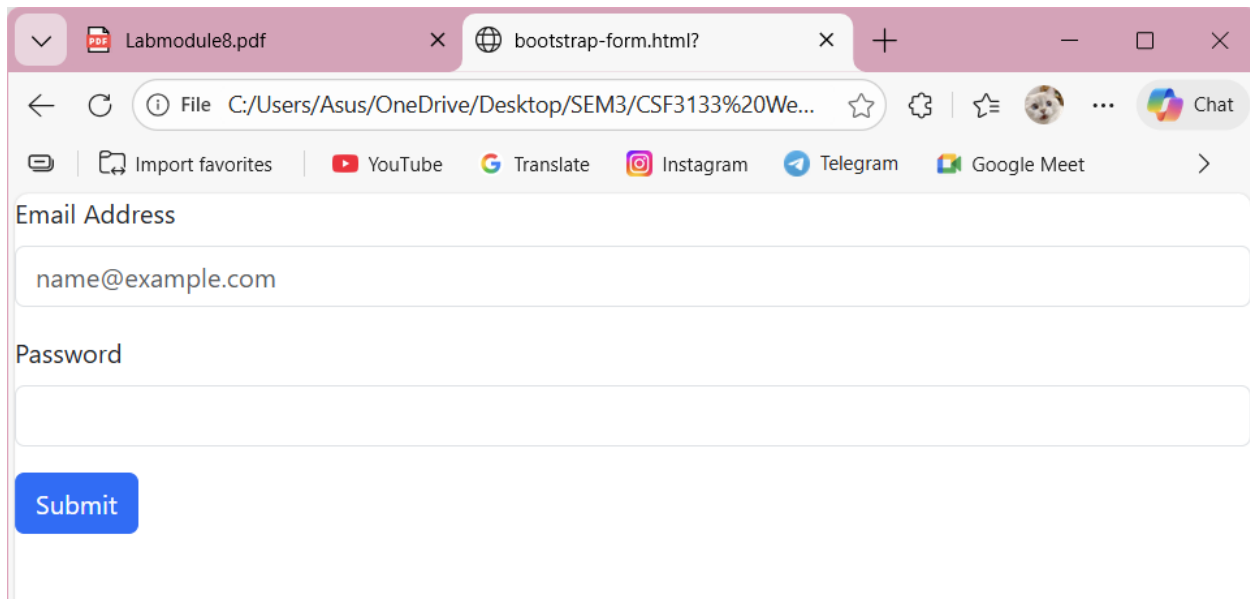
Item 2

Inline List

Item 1 Item 2

8.6 Bootstrap CSS Form

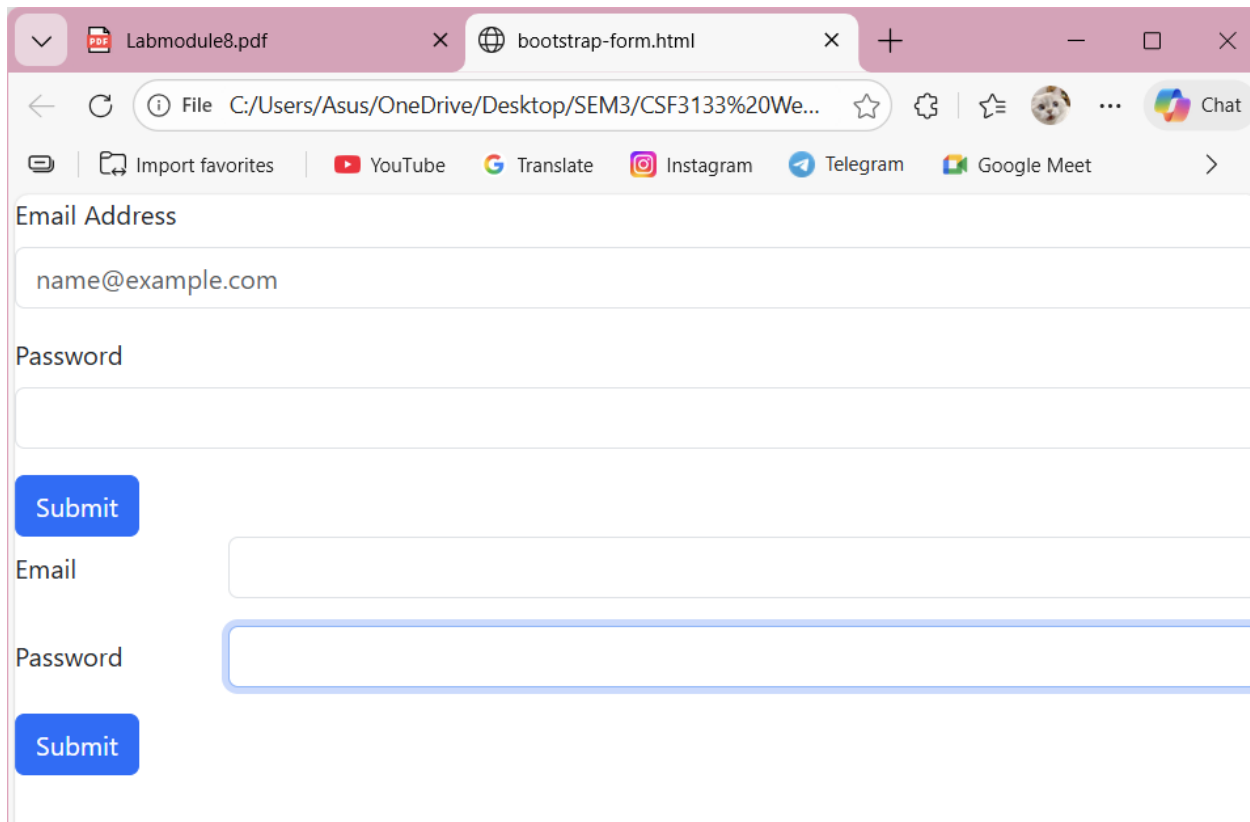
8.6.1 Basic Form Structure



The screenshot shows a web browser window with two tabs: 'Labmodule8.pdf' and 'bootstrap-form.html?'. The address bar displays the file path 'C:/Users/Asus/OneDrive/Desktop/SEM3/CSF3133%20We...'. Below the address bar is a toolbar with icons for 'Import favorites', 'YouTube', 'Translate', 'Instagram', 'Telegram', and 'Google Meet'. The main content area contains a form with the following elements:

- A label 'Email Address' above a text input field containing 'name@example.com'.
- A label 'Password' above an empty password input field.
- A blue 'Submit' button.

8.6.2 Form Layouts



The screenshot shows a web browser window with two tabs: 'Labmodule8.pdf' and 'bootstrap-form.html'. The address bar displays the file path 'C:/Users/Asus/OneDrive/Desktop/SEM3/CSF3133%20We...'. Below the address bar is a toolbar with icons for 'Import favorites', 'YouTube', 'Translate', 'Instagram', 'Telegram', and 'Google Meet'. The main content area displays two different form layouts:

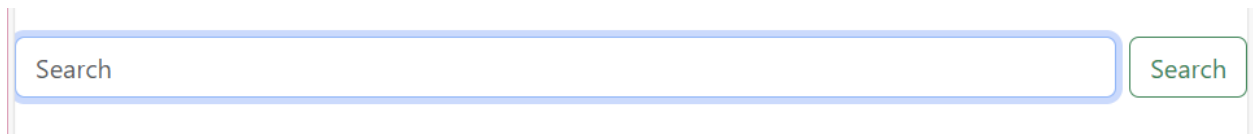
Layout 1:

- A label 'Email Address' above a text input field containing 'name@example.com'.
- A label 'Password' above an empty password input field.
- A blue 'Submit' button.

Layout 2:

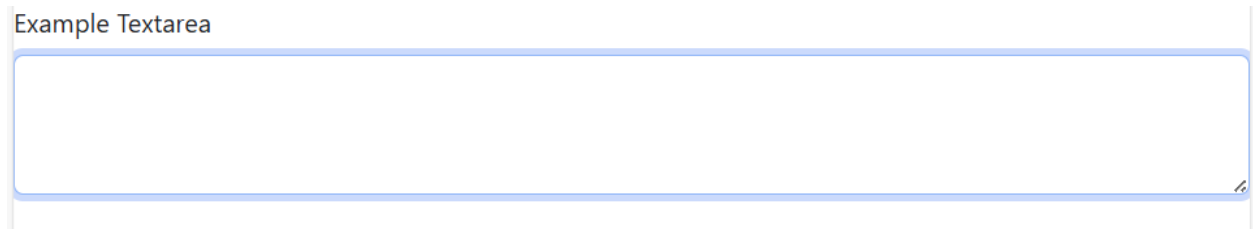
- A label 'Email' above a text input field.
- A label 'Password' above a password input field.
- A blue 'Submit' button.

8.6.3 Inline Form



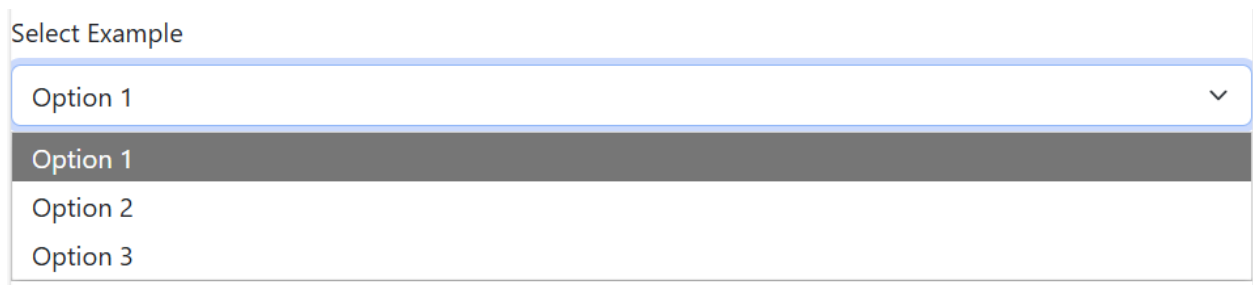
An inline form consisting of a text input field with the placeholder text "Search" and a green "Search" button to its right.

8.6.4 Form Controls



A form control example labeled "Example Textarea" showing a large, empty text area with a blue border and a small icon in the bottom right corner.

8.6.5 Select Menus



A form control example labeled "Select Example" showing a dropdown menu. The menu is open, displaying four options: "Option 1", "Option 1", "Option 2", and "Option 3". The first "Option 1" is highlighted with a dark background.

8.6.6 Form Validation



A form validation example showing two input fields. The first field, labeled "Username", contains the text "Correct Input" and has a green checkmark icon to its right, with the feedback text "Looks good!" below it. The second field, labeled "Password", is empty and has a red border and a red exclamation mark icon to its right, with the feedback text "Please choose a stronger password." below it. A blue "Submit" button is at the bottom left.

8.6.7 Checkboxes and Radios

☒ Check me out

☒ Option 1

☐ Option 2

8.6.8 Input Groups

Username

8.6.9 Floating Labels

Email Address

8.6.10 Disabled and Read only Inputs

Disabled input

Readonly input

8.6.11 Example Forms

Labmodule8.pdf x Bootstrap \index(Bootstrap) Form: x + - □ x

File C:/Users/Asus/OneDrive/Desktop/SEM3/CSF3133%20We... ☆ ↺ ☆ Chat

Import favorites YouTube Translate Instagram Telegram Google Meet >

Email Address

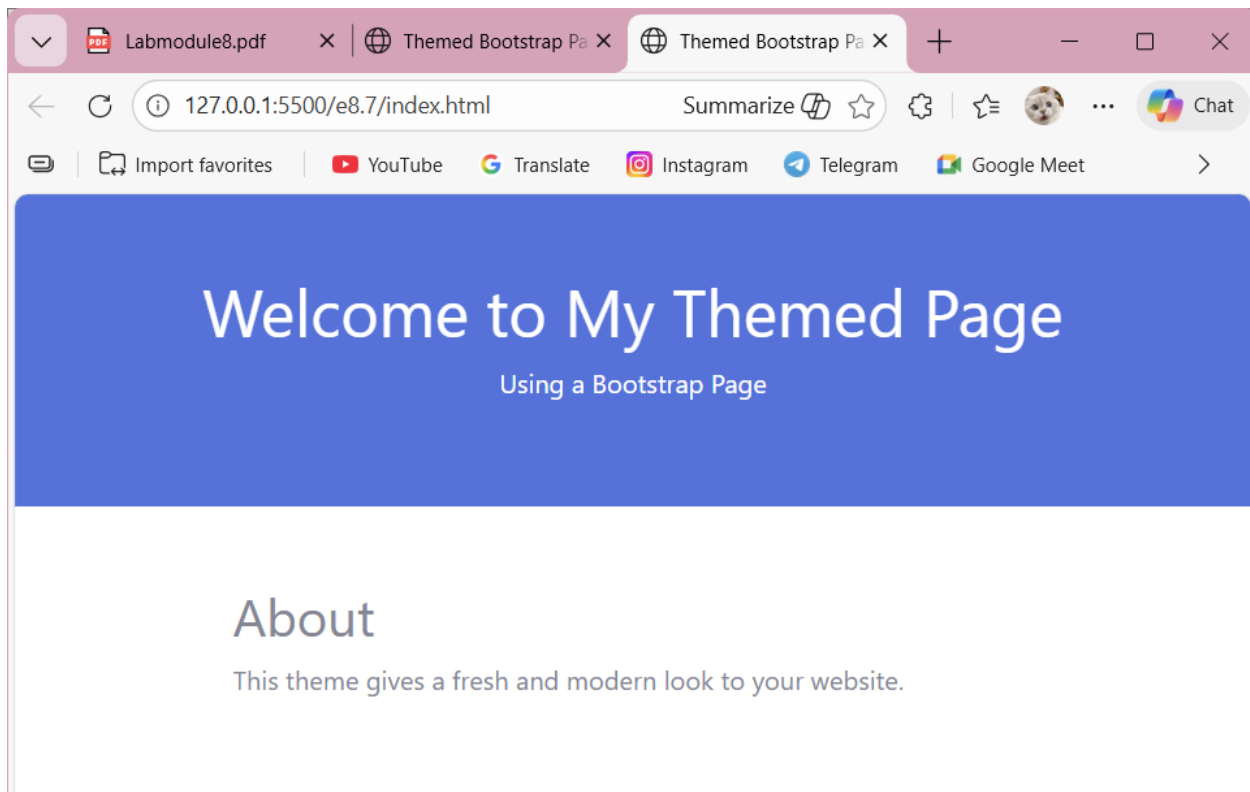
name@example.com

Password

☐ Remember me

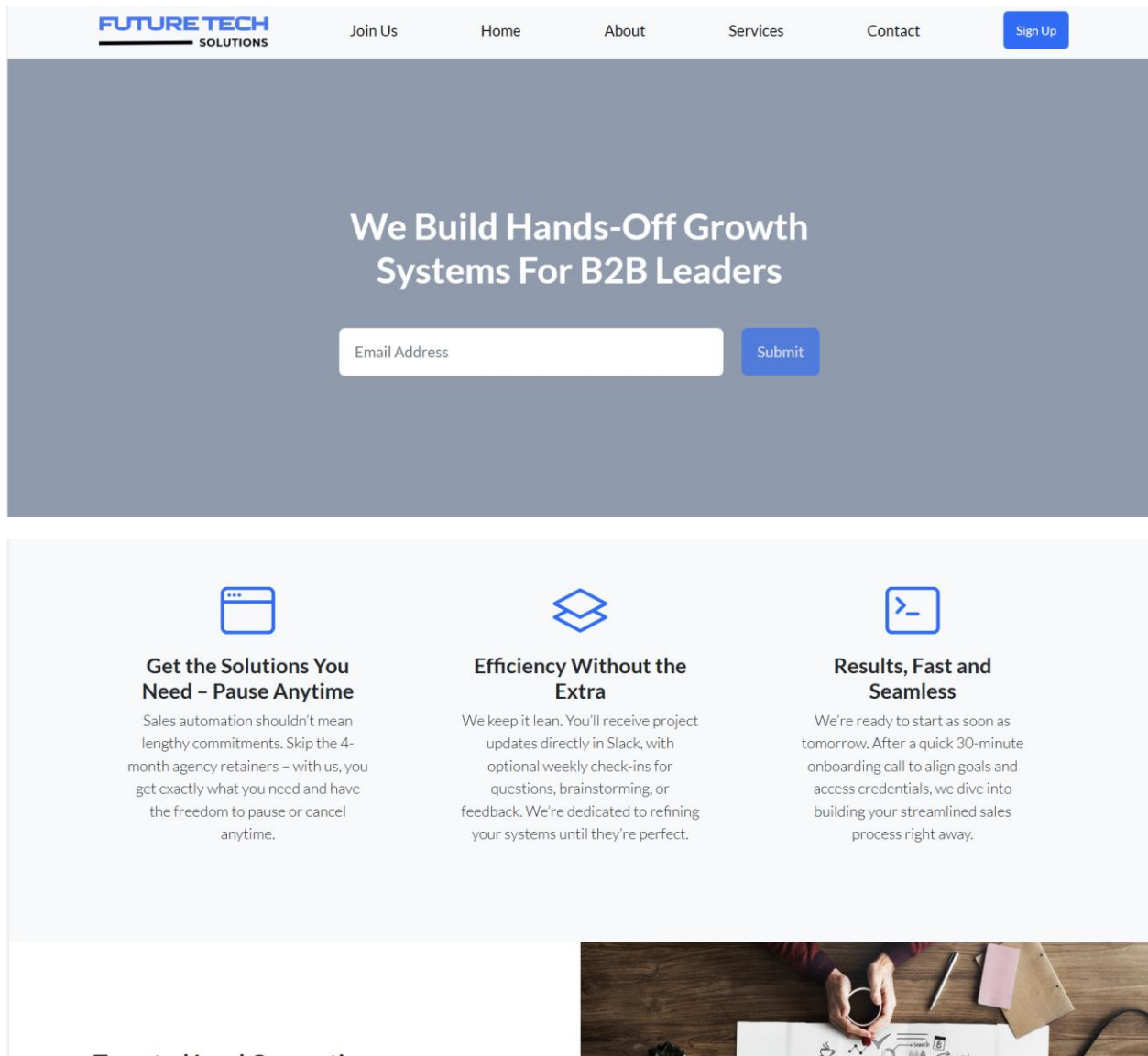
Submit

8.7 Using Bootstrap Theme



8.8 Lab Exercise 8

8.8.1 Building a Themed Website for a Fictional Business



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Fred S.

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Sarah W.

"Thanks so much for making these free resources available to us!"

"This is fantastic! I thank so much guys!"

"This website is very useful. I've been using it to solve a lot of problems."

"I thank so much for making these free resources available to us!"

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