

Övning Modul 1

Task 1: Explore the web pages for the application by using Visual Studio

1. Open the project in Mod01\Labfiles\Solution.
2. In Visual Studio, in Solution Explorer, expand the **ContosoConf** project.
3. Double-click **index.htm**.
4. In the **index.htm** file, at the start of the **<body>** section, find the **<nav>** element.

5. Verify that the **<nav>** section contains the following HTML markup:

```
<nav class="page-nav">
<div class="container">
<a href="/index.htm" class="active">Home</a>
<a href="/about.htm">About</a>
<a href="/schedule.htm">Schedule</a>
<a href="/register.htm">Register</a>
<a href="/location.htm">Location</a>
<a href="/live.htm">Live</a>
<a href="/feedback.htm">Feedback</a>
</div>
</nav>
```

6. Find the **<section>** element with the **video** class, and verify that this section contains the following

HTML markup:

```
<section class="video">
<h2>Video from last year</h2>
<video
src="http://ak.channel9.msdn.com/ch9/265b/9a76fccd-
941e-4285-ad00-
9ea200aa265b/MIX09KEY01_high_ch9.mp4"></video>
<div class="video-controls" style="display: none">
<button class="video-play">Play</button>
<button class="video-pause">Pause</button>
<span class="video-time"></span>
</div>
</section>
```

7. In the **<head>** section near the top of the file, find the **<link>** elements.

8. Verify that the **<head>** section contains the following links:

```
<head>
...
<link href="/styles/site.css" rel="stylesheet"
type="text/css" />
<link href="/styles/nav.css" rel="stylesheet"
type="text/css" />
<link href="/styles/header.css" rel="stylesheet"
type="text/css" />
<link href="/styles/footer.css" rel="stylesheet"
type="text/css" />
<link href="/styles/pages/index.css" rel="stylesheet"
type="text/css" />
<link href="/styles/mobile.css" rel="stylesheet"
type="text/css" />
<link href="/styles/print.css" media="print"
rel="stylesheet" type="text/css" />
</head>
```

9. Near the end of the file, find the **<script>** elements.

10. Verify that the following scripts are referenced:

```
<script src="/scripts/offline.js"
type="text/javascript"></script>
<script src="/scripts/_namespace.js"
type="text/javascript"></script>
<script src="/scripts/datetime.js"
type="text/javascript"></script>
<script src="/scripts/pages/video.js"
type="text/javascript"></script>
```

11. In Solution Explorer, double-click **about.htm**.

12. In the about.htm file, at the start of the **<body>** section, find the **<nav>** section.

13. Verify that the **<nav>** section contains the following HTML markup:

```
<nav class="page-nav">
<div class="container">
<a href="/index.htm">Home</a>
<a href="/about.htm" class="active">About</a>
<a href="/schedule.htm">Schedule</a>
<a href="/register.htm">Register</a>
<a href="/location.htm">Location</a>
<a href="/live.htm">Live</a>
```

```
<a href="/feedback.htm">Feedback</a>
</div>
</nav>
```

14. In the **<head>** section near the top of the file, find the **<link>** elements.

15. Verify that the **<head>** section includes the following link:

```
<head>
...
<link href="/styles/pages/about.css" rel="stylesheet"
type="text/css" />
...
</head>
```

16. In Solution Explorer, double-click **schedule.htm**.

17. In the schedule.htm file, find the **<section class="page-section schedule">** element.

18. Verify that this element contains the following HTML markup:

```
<section class="page-section schedule">
<div class="container">
<h1>Schedule</h1>
<ul id="schedule"></ul>
</div>
</section>
```

19. Verify that the schedule.htm file contains the **<script src="/scripts/pages/schedule.js" type="text/javascript">** element near the end.

20. In Solution Explorer, double-click **register.htm**.

21. In the register.htm file, find the **<section class="page-section register">** element.

22. Verify that this element contains the following HTML markup:

```
<section class="page-section register">
<div class="container">
<h1>Register for the conference</h1>
<form method="post" action="/registration/new"
id="registration-form">
<div class="field">
<label for="first-name">First name:</label>
<input type="text" id="first-name" name="FirstName"
required="required"
autofocus="autofocus"/>
</div>
```

```

<div class="field">
<label for="last-name">Last name:</label>
<input type="text" id="last-name" name="LastName"
required="required"/>
</div>
<div class="field">
<label for="email-address">Email address:</label>
<input type="email" id="email-address"
name="EmailAddress"
required="required"/>
</div>
<div class="field">

<label for="password">Choose a password:</label>
<input type="password" id="password" name="Password"
required="required"
pattern="[a-zA-Z0-9]{5,}" title="At least 5 letters
and numbers"/>
</div>
<div class="field">
<label for="confirm-password">Confirm your
password:</label>
<input type="password" id="confirm-password"
name="ConfirmPassword"
required="required"/>
</div>
<div class="field">
<label for="website">Website/blog:</label>
<input type="url" id="website" name="WebsiteUrl"
placeholder="http://"/>
</div>
<div>
<button type="submit">Register</button>
</div>
</form>
</div>
</section>

```

23. In Solution Explorer, double-click **location.htm**.

24. Verify that the location.htm file contains the **<script src="/scripts/pages/location.js"**

type="text/javascript"> element near the end.

25. Find the **<section class="travel">** element.

26. Verify that this element contains the following HTML markup:

```
<section class="travel">
<h1>Travelling to ContosoConf</h1>
<h2 id="distance"></h2>
...
</section>
```

27. Find the **<section class="venue">** element.

28. Verify that this element contains the following HTML markup:

```
<section class="venue">
<h1>Interactive conference venue map</h1>
<div id="venue-map">
<svg viewBox="-1 -1 302 102" width="100%"
height="230">
<!-- Room A -->
<g id="room-a" class="room">
<rect fill="#fff" x="0" y="0" width="100"
height="100"/>
<text x="13" y="55" font-weight="bold" font-
size="20">ROOM A</text>
</g>
<!-- Room B -->
<g id="room-b" class="room">
<rect fill="#fff" x="200" y="0" width="100"
height="100"/>
<text x="213" y="55" font-weight="bold" font-
size="20">ROOM B</text>
</g>
<!-- The outline of the building -->
<polyline fill="none" stroke="#000" points="135,95
140,100 0,100 0,0 100,0
100,80 130,80 130,70 110,70 110,30 190,30 190,70
170,70 170,80 200,80 200,0 300,0
300,100 160,100 165,95"/>
<text x="150" y="55" font-size="12" style="text-
anchor:
middle">Registration</text>
</svg>
```

```
...
</div>
</section>
```

29. In Solution Explorer, double-click **live.ht**

30. Find the **<section class="page-section live">** element.

31. Verify that this section contains the following HTML markup:

```
<section class="page-section live">
<div class="container">
<h1>Attending the conference right now? Get
involved!</h1>
<form action="#">
<label for="ask-question-text">Ask a question</label>
<input id="ask-question-text" type="text" />
<button type="submit">Ask</button>
</form>
<ul>
<!-- Questions will be displayed here when received
by the web socket. -->
</ul>
</div>
</section>
```

32. Verify that the live.htm file contains the following **<script>** element near the end:

```
<script src="/scripts/pages/live.js"
type="text/javascript">
```

33. In Solution Explorer, double-click **feedback.htm**.

34. Find the **<section class="page-section feedback">** element.

35. Verify that this section contains the following HTML form:

```
<form method="post" action="/send-feedback">
<div class="field feedback-question">
<label>How would you rate the speaker's knowledge of
the topic?</label>
<input name="question" type="range" min="1" max="5"/>
</div>
<div class="field feedback-question">
<label>How well could you hear the speaker?</label>
<input name="question" type="range" min="1" max="5"/>
</div>
<div class="field feedback-question">
<label>How useful did you find the information in
```

```

this talk?</label>
<input name="question" type="range" min="1" max="5"/>
</div>
<div class="field feedback-question">
<label>How would you rate the overall
session?</label>
<input name="question" type="range" min="1" max="5"/>
</div>
<div class="field comments">
<label>Any additional comments?</label>
<textarea name="comments" cols="30"
rows="5"></textarea>
</div>
<div class="field actions">
<button type="submit">Send Feedback</button>
</div>
</form>

```

36. Verify that the feedback.htm file contains the following **<script>** elements near the end:

```

<script src="/scripts/StarRatingView.js"
type="text/javascript">
<script src="/scripts/pages/feedback.js"

```

Task 2: Run the application and make live modifications

1. In Solution Explorer, double-click **index.htm**.
2. On the **Debug** menu, click **Start Without Debugging**.
3. Switch to Visual Studio.
4. In Solution Explorer, find the following markup on the **index.htm** page:

```
<span class="free"> Free </span>
```

5. Change the word **Free** to **Now**, as shown below in bold:

```
<span class="free"> Now </span>
```

6. In Solution Explorer, in the **styles** folder, double-click **nav.css**.

7. Find the following style:

```

nav.page-nav {
background-color: #1d1d1d;
line-height: 6rem;
font-size: 1.7rem;
}

```

8. Change the value of the **background-color** property to **blue**, as shown below

in bold:

```
nav.page-nav {  
background-color: blue;  
line-height: 6rem;  
font-size: 1.7rem;  
}
```

9. On the **File** menu, click **Save All**.

10. Return to Internet Explorer and press F5 on the keyboard.

11. Verify that the Register button now contains the text **Register Now** and that the background color of the menu bar is blue.

12. Close Internet Explorer.