

## Assignment 3

### Part 1: code review

The first part that of my website that can be improved are as following:

1)

The field of input for email does not have any validation. In the part of Assignment 2 I have used form tags, So the form tag was only capturing the input but does not stores in the backend.

So we I can just add the validation with the help of Java Script. And this will make my website professional.

Code Snippet: -

```
<form>
  <input type="email" name="email" id="mail"
placeholder="Type your email">
</form>
```

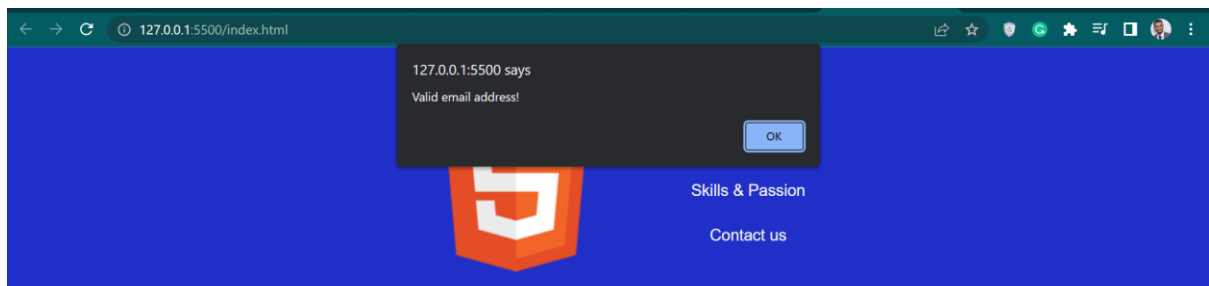
This is the Code snippet from Assignment 2.

New Code Snippet:- <form>

```
  <input type="email" name="email" id="mail"
placeholder="Type your email">
  <button onclick="validateEmail()">Submit</button>
</form>
```

```
<script>
function validateEmail() {
  const email =
document.getElementById('mail').value;
  const regex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
  if (regex.test(email)) {
    alert('Valid email address!');
  } else {
    alert('Please enter a valid email address.');
```

And this is the desired outcome.



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I want to become an IT project manager.

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2)

Embedding video

```
Current code snippet:- <iframe src="../videos/videoplayback.mp4"
width="560" height="315" allow="autoplay;
fullscreen"></iframe>
```

```
<audio controls>
  <source src="../videos/videoplayback.mp3"
type="audio/mpeg">
  Your browser does not support the audio element.
</audio>
```

```
<iframe
src="https://www.youtube.com/embed/VD1RajgSWmQ"
width="560" height="315"
allow="autoplay; fullscreen"></iframe>
```

The current web page embeds video using iframe and audio tags only.

Instead of using iframe we can use JS to create an HTML5 video player.

```
Updated code snippet:- <video controls>
```

```

<source src="../../../videos/videoplayback.mp4"
type="video/mp4">
  Your browser does not support the video tag.
</video>
<audio controls>
  <source src="../../../videos/videoplayback.mp3"
type="audio/mpeg">

</audio>

```

The web page will now embed video using HTML5.

The screenshot shows a web page with a blue header containing navigation links: Home, Reach me, Skills & Passion, and Contact us. Below the header, the page is titled "Skills". A paragraph of text explains the purpose of the skills page. Below this, there is a video player showing a video titled "A day in the life of an IT Project Manager | Niks Pro...". The video player has a red play button and a red banner that says "DAY IN THE LIFE". To the right of the video player is a large image of a sunset over the ocean. Below the video player, there is a table titled "A basic HTML table Showcasing Skills". The table has three columns: Skills, Habits, and Adaptability. The table contains two rows of data. Below the table, there is a paragraph of text and a row of social media icons (Facebook, Instagram, LinkedIn).

Skills

The main reason for choosing this page of skills sets is to provide a brief overview of what it takes and what qualities one should have to be a good Project Manager.

The main skills and columns of Skills and sets in a **PM's life**. Interested people can have a brief overview of what a Project Manager's life is.

A day in the life of an IT Project Manager | Niks Pro...  
Share

DAY IN THE LIFE

Watch on YouTube

0:01 / 18:41

**A basic HTML table Showcasing Skills**

Skills	Habits	Adaptability
Active Listening	Decision Making	Deep Thinking
Analysis	Understanding	Extraordinary Networking

Thanks for reaching me and visiting our website.

Facebook Instagram LinkedIn

There are not many visible changes in this web page. But the main change that has happened is on the backend as the website uses proper HTML5 video tags.