LOVELY
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Web Design Conference 2022

End Term Report G-15

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Student Declaration

This is to declare that this report has been written by me. No part of the report is copied from other sources. All information included from other sources has been duly acknowledged. I aver that if any part of the report is found to be copied. I shall take full responsibility for it.

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Lovely Professional University,

Jalandhar April-2022

BONAFIDE CERTIFICATE

Certified that this project report "Web Design Conference 2022" is the Bonafede work of "Ayan Ruzdan (RKOC06B43)" who carried out the project work under my supervision.

Ashish Srivastava

Professor

(UID: 25703)

Division of Information Technology

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Background and Objective

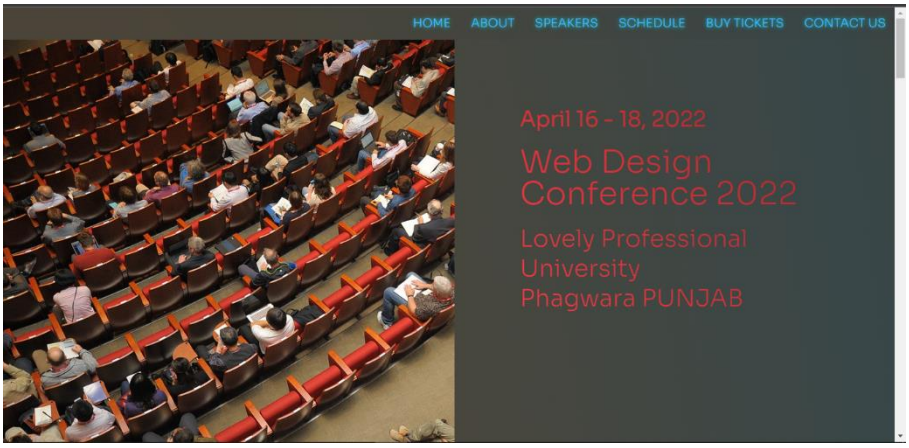
Web Design Conference or WDC2022 is a website created for a 3-day conference at our university. Conferences are about gathering information and knowledge; but are also opportunities to meet and learn from other like-minded folks in the web design community. Plus, people will be exposed to a large amount of new information, which will help you to advance in their career.

The website is therefore a welcome website or the users where they can learn more, contact the administration, book tickets, now who will be speaking and much more. Each element of the website is carefully designed to make it look intuitive, compact as well as simplistic. The design of the site will even inspire people to join the conference.

Description of the Modules

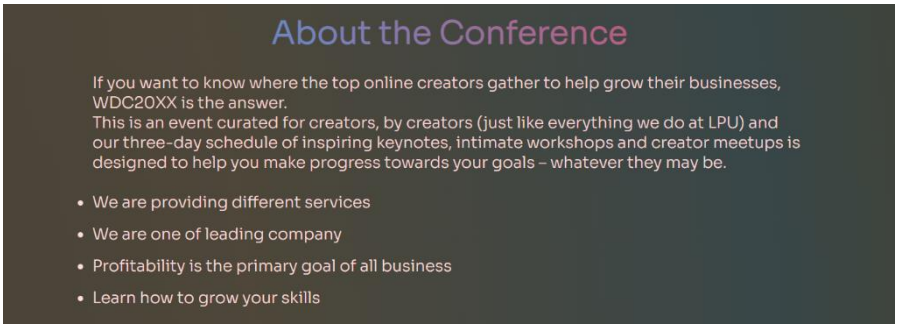
1. Main Section

As the name suggest, the Main section is the first section users see when they open our page. With limited functionality, the main section shows the titles and a top-most navigation bar.



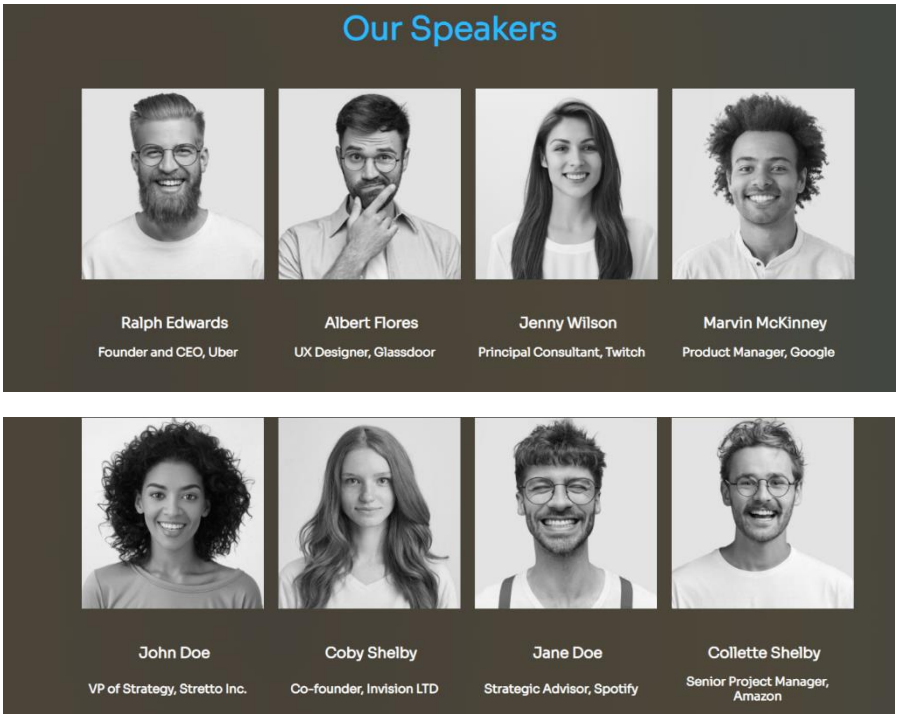
2. About Section

Like the Main section, the About section contains a descriptive paragraph about the conference. Below that is a list of all the benefits of joining the conference.



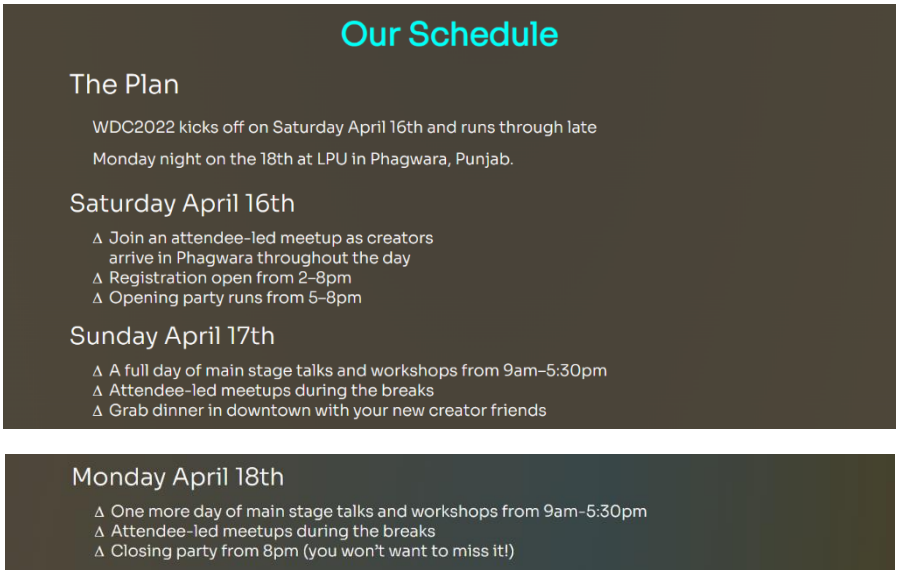
3. Speakers Section

The speaker section shows all the speakers that will be delivering their ideas during the conference. Being the prototype, currently it shows unrelated people just for reference.



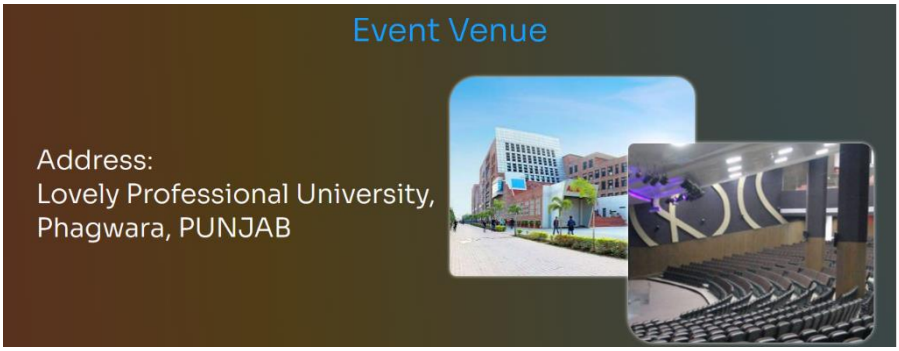
4. Schedule Section

Below the speaker section lies the schedule for the conference. In the first half it contains the full plan for the conference, and below it lies the full description of the full three-day event.



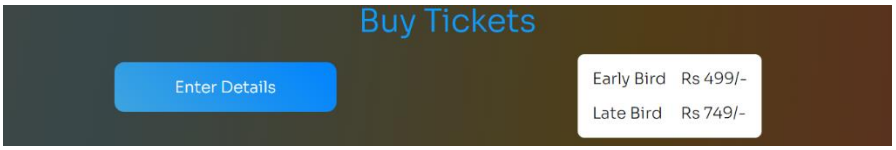
5. Address Section

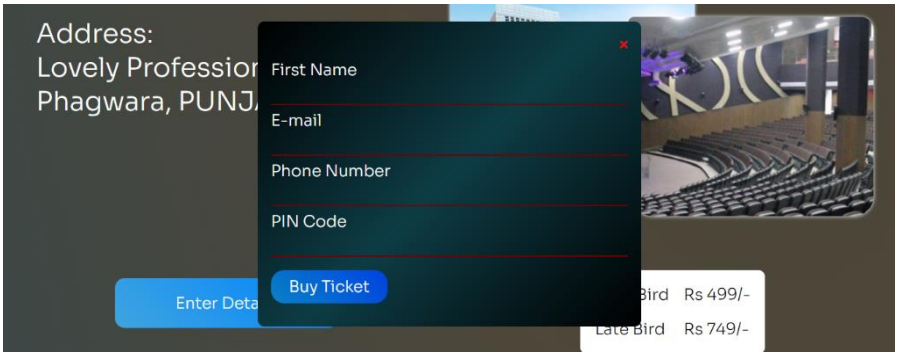
Next, we have the address and event venue section with details of the venue and images of the conference venue.



6. Buy Ticket Section

In the lower end of the page, we have the ticket cost and detail section. This section contains ticket cost and a JavaScript modal which allows the user to enter their details for making the ticket purchase.



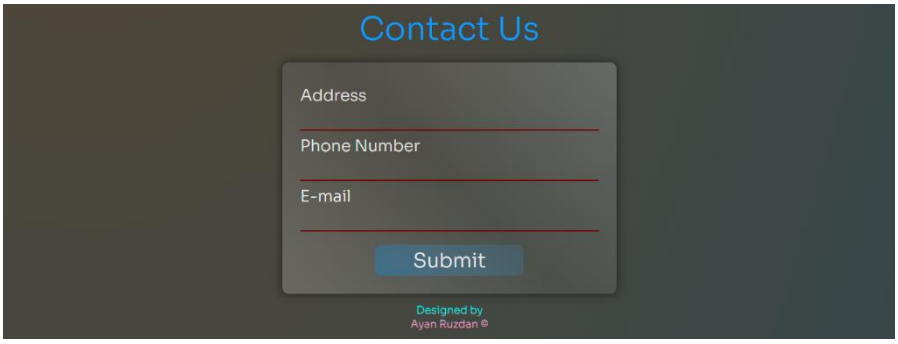


7. Sponsors Section

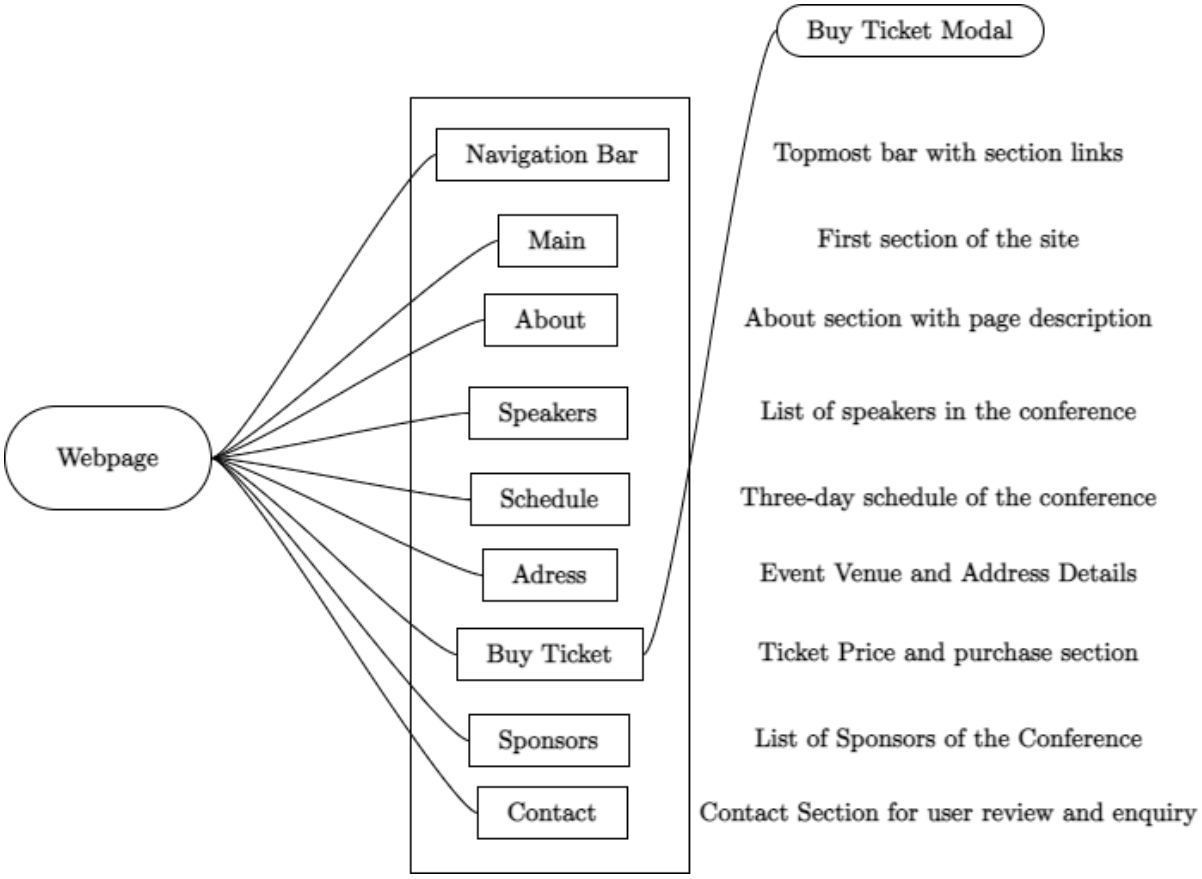
The second last section of the page is the sponsor list which will be participating and sponsoring the conference and the various events happening in the conference.

8. Contact Section

In the end there is a contact section which allows the user to reach out to the organizers and ask their respective queries.



Flowchart of the website



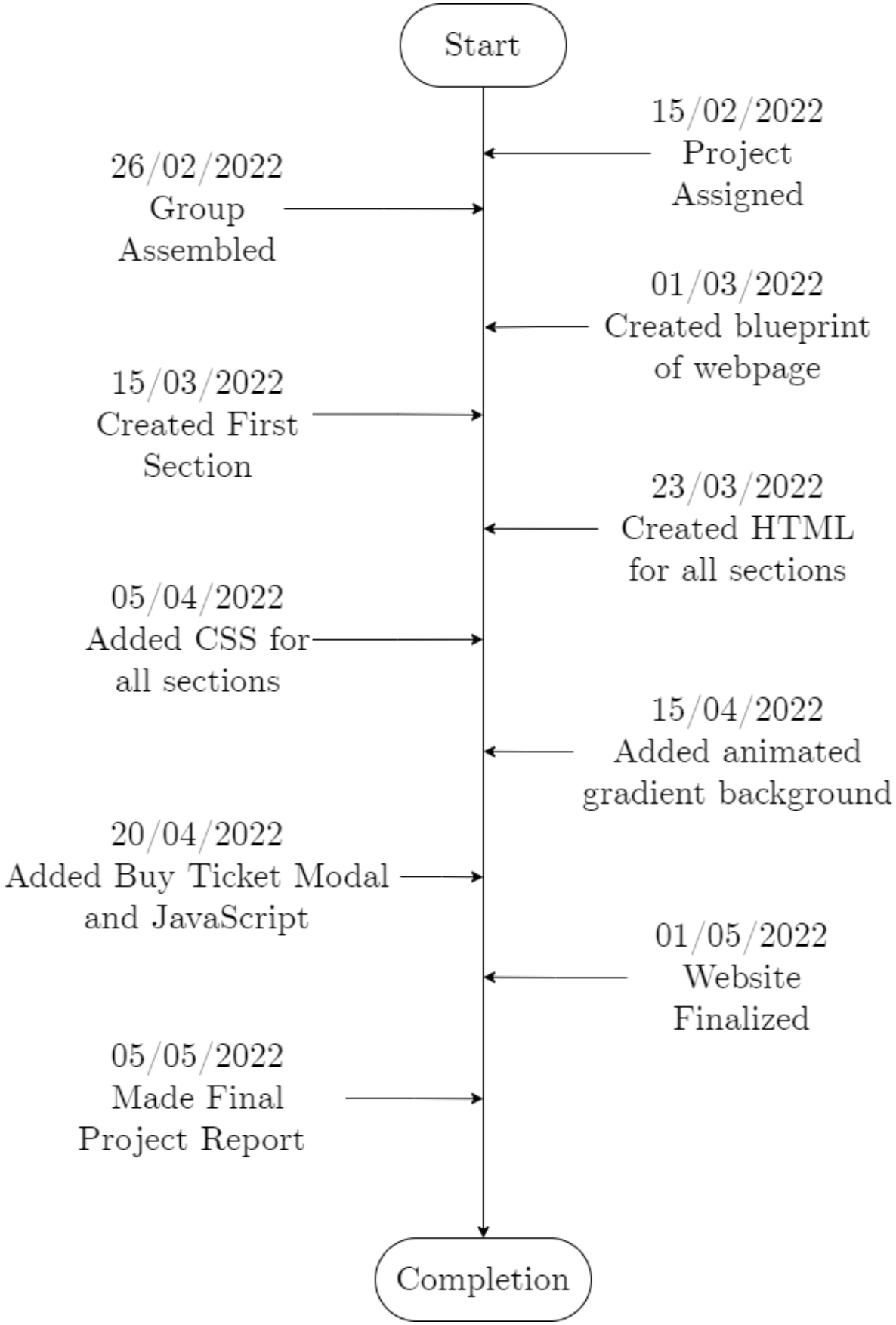
Role of each member

As I was the only member in my group, the time duration for this project gave me ample time to prioritise the different sections of this project and work on them accordingly. I also got the time to learn new things and implement them in the project.

Ayan Ruzdan

- Created Navigation Bar
- Created all sections
- Created styling for the sections
- Created footer
- Added JavaScript modal for the ticket section
- Put up the website for live preview on GitHub
- Made final report

Timeline of the project



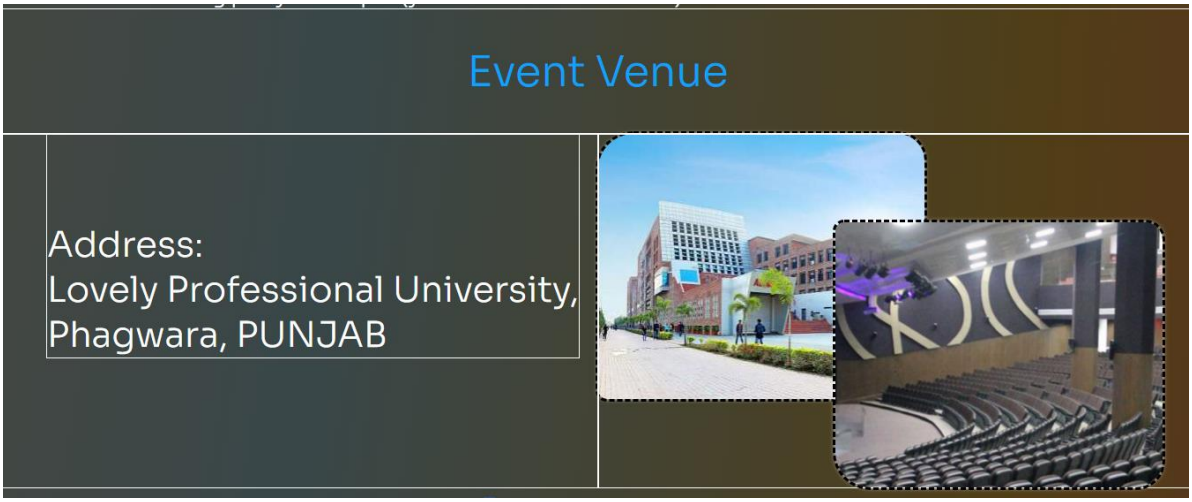
Implementation of the Project

To create this project, we used Visual Studio Code. The complete website has been created using HTML, CSS, JavaScript only. When I received this project, I decided to stick to the layout provided. Therefore, my style tends to be like the sample image. I made my site look as simplistic as possible to create a vivid user experience. The complete website's layout has been created over sections, divisions and common CSS styling such as padding, margin, borders and text formatting. I also used some JavaScript to make the site more intuitive. I also sticked to a single font style and colour palette for the site which are shown below.

Font Used: Sora

Colours Used: #09a1ff, #00fff7, #ff3b48

The site is created over simple divisions as shown below:



Apart from the layout the CSS is also created using simple codes as shown below:

```
.scheduledate {
  color: white;
  font-size: 36px;
  font-weight: 450;
  padding: 20px 15px 15px 100px;
}
.scheduleData ul {
  color: white;
  list-style-type: "\2206";
  padding-left: 150px;
  font-size: 24px;
  line-height: 64/49;
}
.scheduleData li {
  padding-left: 10px;
}
```

Page Sections:

I decided to use <section> instead of using different pages to make the website more compact. Then I added <a href=”#section”> to link to those sections and added smooth scrolling to the html for a smooth navigation experience. Below is the code for the different sections used:

```
<body>
    <section class="header">···
    </section>
    <section class="about" id="about">···
    </section>
    <section class="Speakers" id="speakers">···
    </section>
    <section class="schedule" id="schedule">···
    </section>
    <section class="venue">···
    </section>
    <br>
    <section class="ticket" id="ticket">···
    </section>
    <section class="sponsor">···
    </section>
    <section class="contact" id="contact">···
    </section>
</body>
```

Navigation Bar:

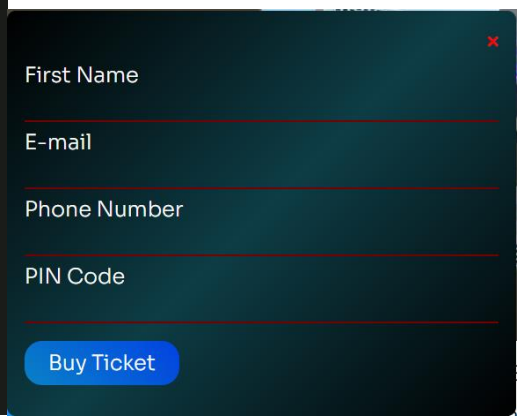
The topmost navigation bar is positioned at the top of the page by putting it in the topmost division of the topmost section, so that it remains at the top and does not interfere with other sections and elements.

Buy Ticket Modal:

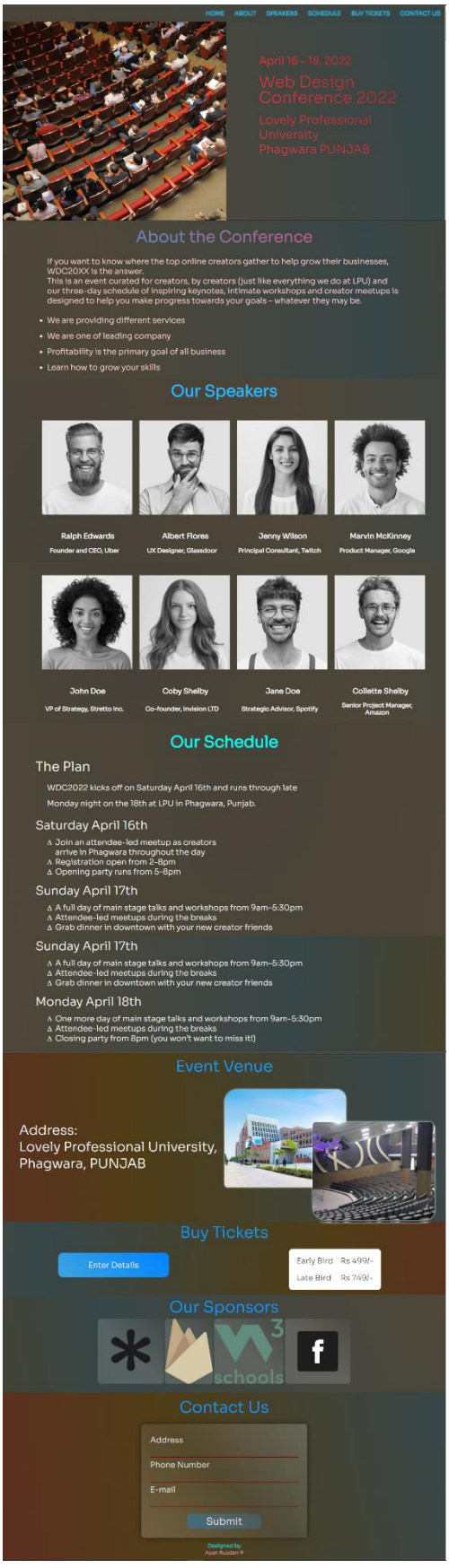
The buy ticket module is a modal that takes the details of the user and allows the user to buy the ticket. Presently the button is not functional and requires more knowledge. Remaining part is styled using CSS. Some important code is shown below

```css
.modal{
  display: none;
  position: fixed;
  padding-top: 10%;
  left: 0;
  top: 0;
  width: 100%;
  height: 100%;
  margin: auto;
}
.modal-content{
  position: relative;
  background: linear-gradient(-45deg, #000000, #0e3d46, #000000);
  border-radius: 10px;
  padding: 20px;
  margin: auto;
  width: 40%;
  z-index: 1;
  -webkit-animation-name: animatetop;
  -webkit-animation-duration: 0.4s;
  animation-name: animatetop;
  animation-duration: 0.4s;
}
input[type=submit]{
  position: relative;
  border: none;
  background-color: transparent;
  text-align: left;
  width: fit-content;
  padding: 0% 5%;
  height: 50px;
```

```html
<script>
    let modalBtn = document.getElementById("ticketBox")
    let modal = document.querySelector(".modal")
    let closeBtn = document.querySelector(".close")
    modalBtn.onclick = function () {
        modal.style.display = "block"
    }
    closeBtn.onclick = function () {
        modal.style.display = "none"
    }
    window.onclick = function (x) {
        if (x.target == modal) {
            modal.style.display = "none"
        }
    }
</script>
```



Site Screenshot



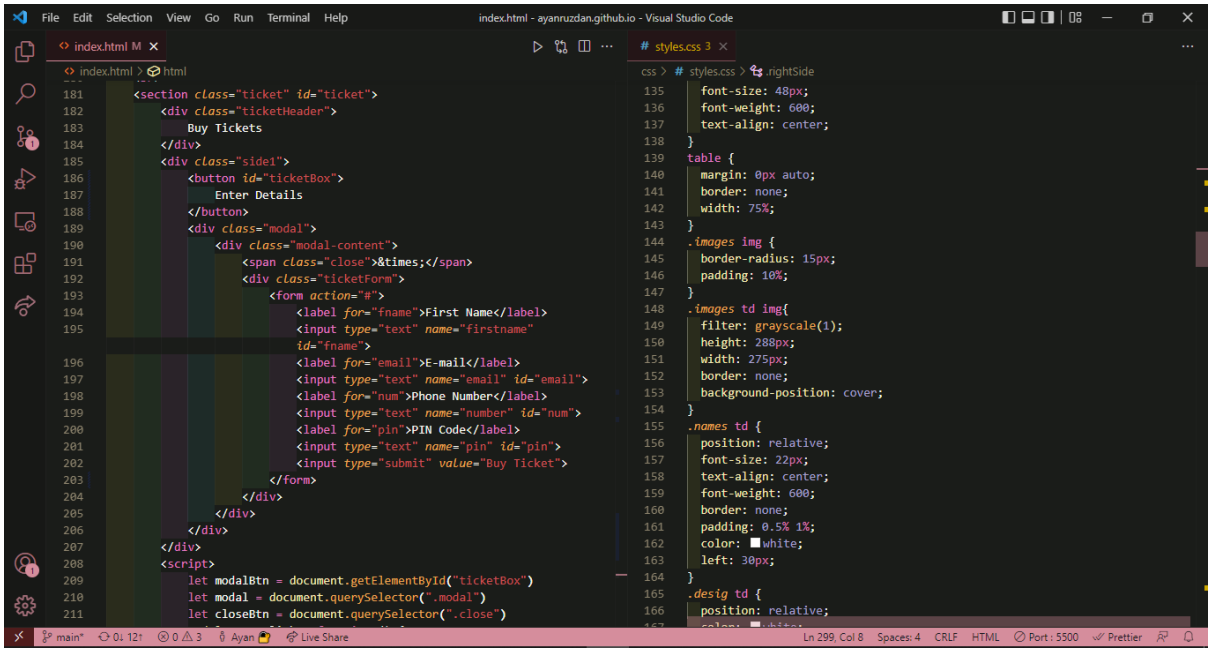
Technologies and Frameworks Used

The website has been created in Visual Studio Code and is written using:

For reference and knowledge, I used these sites:

- https://www.w3schools.com/
- https://css-tricks.com
- https://medium.com
- Google Fonts

Screenshot of my coding screen:



I also temporarily hosted my site using GitHub, which you can access by clicking on the button below:

[WDC2022]

(The website was designed for desktop viewing. It does not look that good on phones.)

Strengths:

- Responsive Website
- Intuitive and Compact
- Great UI

Weaknesses:

- The Buy Ticket does not do much except user input
- Site animations could be much better

References:

1. How to create a smooth scrolling effect: https://www.w3schools.com/howto/howto_css_smooth_scroll.asp#section2
2. CSS z-index property: https://www.w3schools.com/cssref/pr_pos_z-index.asp
3. How to modal boxes with JavaScript, HTML & CSS: https://medium.com/@nerdplusdog/a-how-to-guide-for-modal-boxes-with-javascript-html-and-css-6a49d063987eSource for text gradient
4. Publish and share your own website for free on GitHub https://medium.com/@svinkle/publish-and-share-your-own-website-for-free-with-github-2eff049a1cb5
5. List Style Recipes: https://css-tricks.com/list-style-recipes/