UNIVERSIDAD PANAMERICANA

Web Application Development

Design document

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University Search

Objective: _____

Career: [_____ ▾]   Area: [_____ ▾]

1: [_____ Learn More]

2: [_____ Learn More]

3: [_____ Learn More]

4: [_____ Learn More]

How it started:

Our idea came from remembering the need we had when looking for our own career to study. It was tedious having to open so many web pages and go back and forth between pages to find the information we were interested in at the time, and, as is the case for many, not knowing what to study yet, we didn't really know where to look out for information.

That's why we thought it would be useful to create a virtual university fair, where all those who were interested could see all the career possibilities they could choose from, as well as the universities that have them available.

As we moved forward with the project, we realized that another aspect that could be useful when choosing a university is the ambient within it; we cannot know this aspect until we are already studying. Therefore, we thought it would be a good idea to add a section dedicated to the university we already know, giving future students a closer, direct view coming from their possible future classmates, sharing opinions and some photographs of projects carried out in their degree that have made them feel proud, a kind of virtual "open doors." That way, new students can have a better vision of what studying here would be like.

Our website went through several changes until we found a version that was compelling to both of us. An introductory page was added to convey this same purpose for its creation. We changed the way we would present the different degrees and their corresponding study plans; we also made changes to the color selection and added extra features, taking into account the feedback we received in the second installment of the project.

The coding itself, it's too long to put in here, but we can show some parts of the different files that were needed to create the website, including the main homepage, the one dedicated to our university, some design with CSS and java functions.

```html
2    <html lang="en">
11   <body>
19       <div id= "bodyUP" class = "container">
20           <h2 class = "card-container"> Engineering </h2>
21
22
23           <div class="carousel">
24               <button class="prev">←</button>
25               <div class="carousel-container">
26
27                   <div class = "box">
28                       <img src="../IMG/CivilE.webp">
29                       <h2 class = "CareerTitle"> Civil Engineering </h2>
30                       <p> Civil engineering is the branch of engineering that designs, builds,
31                           From roads, bridges, and dams to buildings and water systems, civil e
32                           It combines technical expertise with creativity to shape the environ
33
34                       <h3> What UPcians said: </h3>
35                       <p> "I love knowing that my projects will have a lasting impact on commun
36                       <p> "The structural analysis classes are tough, but seeing my designs com
37
38                       <a href="https://movil.up.edu.mx/gdl/ingenieria-civil-y-administracion" a
39                   </div>
```

```css
1    /* Centering h1 headers */
2    h1 {
3        text-align: center;
4        margin: 0;
5    }
6
7    /* Centering h2 headers */
8    h2 {
9        text-align: center;
10       margin: 0;
11   }
12   h3{
13       background-color: #c14747;
14   }
15
16   .card-container {
17       width: 80%; /* Puedes ajustar el ancho */
18       padding: 20px;
19       margin: 0 auto; /* Centra el contenedor en la página */
20       border: 1px solid #fe9e9e;
21       border-radius: 8px;
22       box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
23       background-color: #c14747;
```

```javascript
document.querySelectorAll('.accordion-button').forEach(button => {
    button.addEventListener('click', function(){
        const activeButton = document.querySelector('.accordion-button.active');

        // Desactivar el botón activo anterior
        if (activeButton && activeButton !== this){
            activeButton.classList.toggle('active');
            activeButton.nextElementSibling.style.maxHeight = null;
        }

        // Activar/desactivar el botón actual
        this.classList.toggle('active');
        const content = this.nextElementSibling;

        // Ajustar la altura del contenido
        if (this.classList.contains('active')) {
            content.style.maxHeight = content.scrollHeight + 'px';
        } else {
            content.style.maxHeight = null;
        }
    });
});
```

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title> Prototype </title>
    <link href="../css/style.css" type = "text/css" rel ="stylesheet"/>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="

    <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
        <div class="container-fluid">
            <a class="navbar-brand" href="/">
                <img src="../IMG/home.png" alt="Logo" width="30" height="30" class="d-inline-b
            </a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-tar
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNavDropdown">
                <ul class="navbar-nav">
                    <li class="nav-item">
                        <a class="nav-link" href="../html/up.html">Universidad Panamericana</a
                    </li>
```