The George Washington University
School of Business

GW | Business

GWU Community Hub Website

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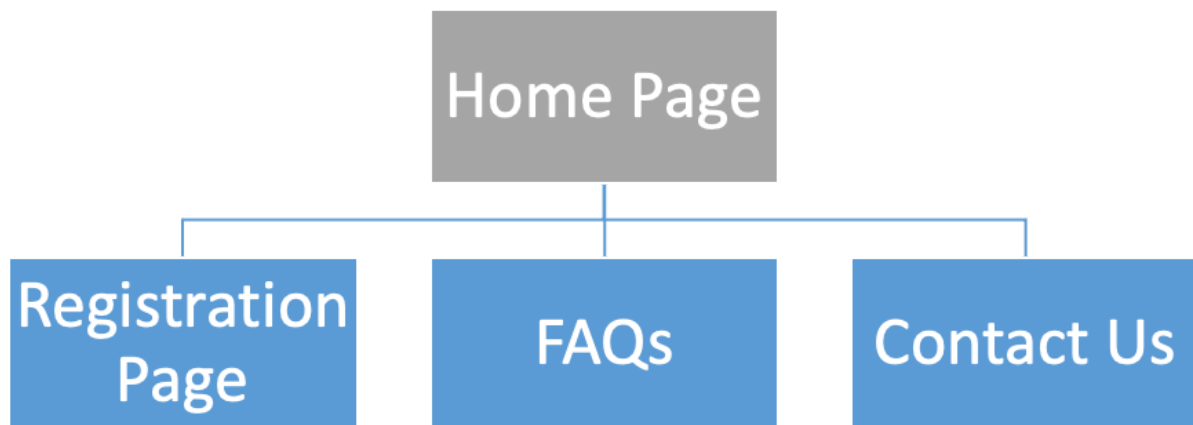
ISTM 6205
Professor Chen
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TABLE OF CONTENT

OBJECTIVES

When you step onto the George Washington University campus, you see that there are different opportunities to get involved on campus and meet new people. Some students do have a difficult time adjusting to the college environment and getting to know the city you are in, how to find activities to do, searching for textbooks, and making friends. The main objective of this GWU Community Hub is to help incoming and current students who may struggle with making new friends within their program and adjust to college and graduate school life.

SCOPE & STRUCTURE OF THE WEBPAGE

Home Page

Registration Page

FAQs

Contact Us

KEY DELIVERABLES

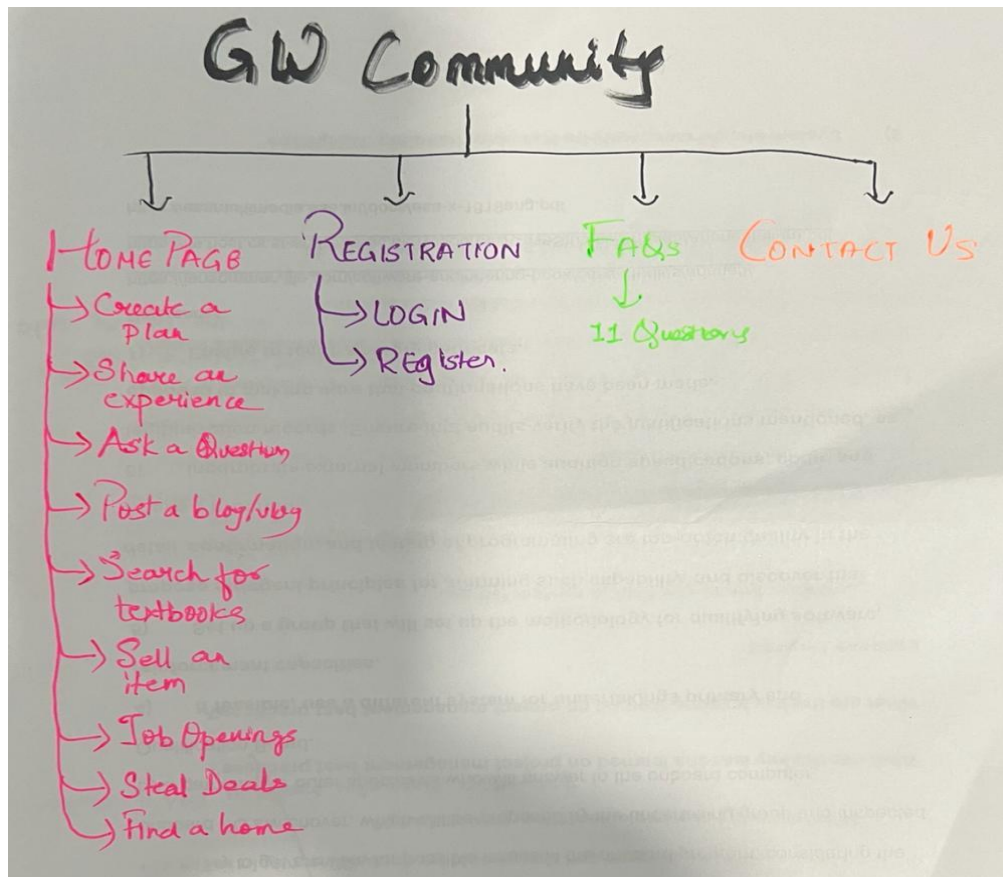The key deliverables are as follows-

1. The homepage will have description of the website and will allow the user to select from nine options:
   i) Create a Plan: This tab will allow students to see the activities/events happening in and around the DMV area. Students can check details, create a plan, and invite their friends or other students from the peer group to join the event. Informal group outings can help them build a network and make new friends.

   ii) Share an experience: Students get the opportunity to share their experiences on the platform.
   iii) Ask a Question: Students can ask questions on any topic to their peer group. They can communicate with their seniors for career advising and much more.
   iv) Search for textbooks: Students can also find resources such as e-books, apartments for sublets, and apartments for rent. Buy books from their seniors, which could help them to save expenses.
   v) Sell an item: Students can sell within the GW community their art pieces, old furniture, electronics, etc.
   vi) Job Opening: Students can also share the job opening that could help other students in the community with new opportunities.
   vii) Steal Deals: Students can also share steal deals that could help other students save money.
   viii) Post a blog/vlog: Students can share their experiences through blogs and vlogs on this platform.

   ix) Find a home: It becomes difficult for students to fnd a home when they are moving from a different country so this platform allow students to search for a home and communicate with other students.

2. The second webpage is the registration page where the new students can register and existing students can login. The page has a toggle button for new users and existing users.

In the registration form, we kept the option for students to choose their course to get an opportunity to connect with students, seniors, and juniors from the same program.

3. The third webpage will list the frequently asked questions about using the platform.
4. The fourth page is the contact us form.

SKELETON

WEBSITE INFORMATION ARCHITECTURE

1. Home Page

   1.1 Create a Plan

   1.2 Share experience

   1.3 Ask a Question

   1.4 Post a blog/vlog

   1.5 Search for textbook

   1.6 Sell an item

   1.7 Job Opening

   1.8 Steal Deals

   1.9 Find a home

2. Registration Page

   2.1 Login

   2.1.1 User Id

   2.2.2 Password

   2.2 Registration

   2.2.1 First Name

   2.2.2 Last Name

   2.2.3 GWID

   2.2.4 E-mail id

IMPLEMENTATION AND REFLECTION

The website is developed by 3 team members using HTML, CSS and Javascript. The home page is developed using HTML and CSS. The registration page, FAQs and Contact Us page have been developed using HTML, CSS and Javascript. We have validated the contact us form using javascript validation codes.

We have submitted our code files, stylesheets and Images as per the guidelines provided.

In terms of how the work was divided, each group member did at least one page on the website that contained HTML, CSS, and Javascript. In the form, we added functions to validate the inputs of each field. Below are the codes to validate the Full name input fields. We have added validation for full name, mobile number, e-mail and count for letters in the message field.

```javascript
function validateName(){
    var name =
document.getElementById('contact-name').value;

    if(name.length == 0){
        nameError.innerHTML = "name is required";
        return false;
    }
    if(!name.match(/^[a-zA-Z]+ [a-zA-Z]+$/)){
        nameError.innerHTML = "Write full name";
        return false;
    }
    nameError.innerHTML = '<i class="fa
fa-check-circle"></i>';
    return true;
```

The registration page also has onclick toggle buttons invoked using javascript.

```
<div id="btn"></div>
            <button type="button"
class="toggle-btn" onclick="login()">Login</button>
            <button type="button"
class="toggle-btn"
onclick="register()">Register</button>
```

In the FAQ section we decided to use the accordion method, because an accordion is used to show (and hide) HTML content. We thought it would help a future user to be able to see each question and close the answer up and not read up and down. Down below is an example of how the accordion was set up through html.

```
<div class="accordion-body">
<div class="accordion">
  <h1> GWU Community HUB FAQs</h1>
  <hr>
  <div class="container">
    <div class="label">How to Utilize the Platform</div>
    <div class="content">There is a "things to do" section at the top
    of the website: Create a plan, Share Experience, Ask a question,
    Post a Blog/Vlog, Search for Textbooks, Sell an item, Job
    Openings, Local Deals, and apartment leases. In order to do any
    of these nine options, you would have to create an account. Know
    in real-time about developments in your areas of interest. Share,
    comment and be part of a GWU community conversation that extends
    beyond people you are friends with.
    </div>
```

Footer: In the footer, the information about the author of the webpage in the address element is given. In addition, footer links elements are added, where hyperlinks are provided for different attributes.To provide style and font to the footer CSS styling has been provided.

```
<footer>
    <div id="footer-department">
      <div id="footer-logo">
        <img alt="Logo" src="Images/logo-name.png">
      </div>
      <div id="footer-name">
        <h3>GW Student Network</h3>
        <h4>Department of Student Engagement</h4>
      </div>
    </div>
    <div id="footer-links">
      <a href="#">Our Story</a>
      <a href="#">Contact Us</a>
      <a href="#">FAQs</a>
      <a href="#">Create an Account</a>
      <a href="#">Sign In</a>>
    </div>
    <div id="footer-address">
      <address>
        Chaitali Damani</br>
        chaitali2706@gwu.edu</br>
        2486 Fairwind drive <br />
        Washington, DC  32175 <br />
        (386) 556 - 7999
      </address>
    </div>
</footer>
</html>
```

LESSONS LEARNED

In this project this was a tall task, because each member of our group are new to the coding world and this was the first time we all created a code from scratch and gathering different images that we didn't have to do for our assignments, because we were given the specific images, the css file being done before we had work on a html file, and referencing the our other labs that we did in class to create our own webpage. One of the benefits from doing this project was that we got to use the knowledge that we learned throughout this semester with the use of in-class lab and assignments and apply that to this project. The first thing we did was draw out the ideal layout of the three pages for a website, so then we can get an idea of what each page will look like when we do the coding portion. We all had a meeting to discuss the different methods that can be used to develop the website and it was a challenge to come up with the entire vision because we made so many modifications such as the colors of each image block, how the buttons will look on the top of the tab, and how to do verification for the signup/login page and the contact us page. Since this was our first time starting a website from scratch I think we did a pretty good job.