Assignment 2 Individual Report

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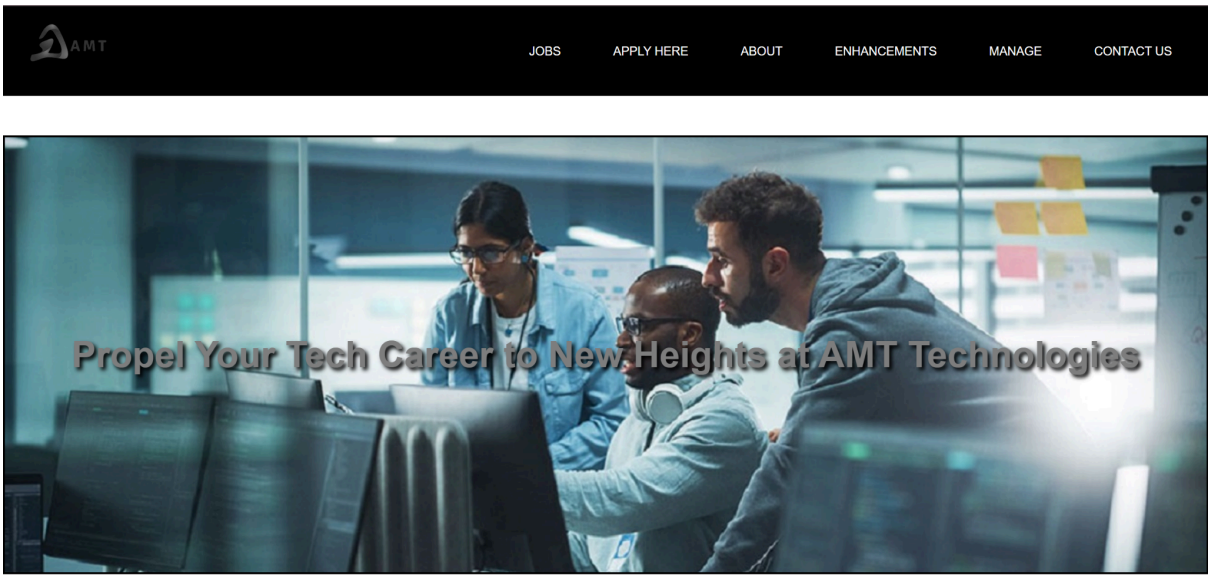
I. Introduction

This is a web site of a database company called AMT. This webpage serves as the homepage for AMT Technologies, a dynamic platform dedicated to IT job recruitment.
The purpose of this report is to introduce the presentation of the AMT website, explain the accessibility guidelines step by step to follow, provide website content and style,also provide a summary of key features,what was my role on this website, what are my contributions, and challenges encountered during the project.

II. The Website

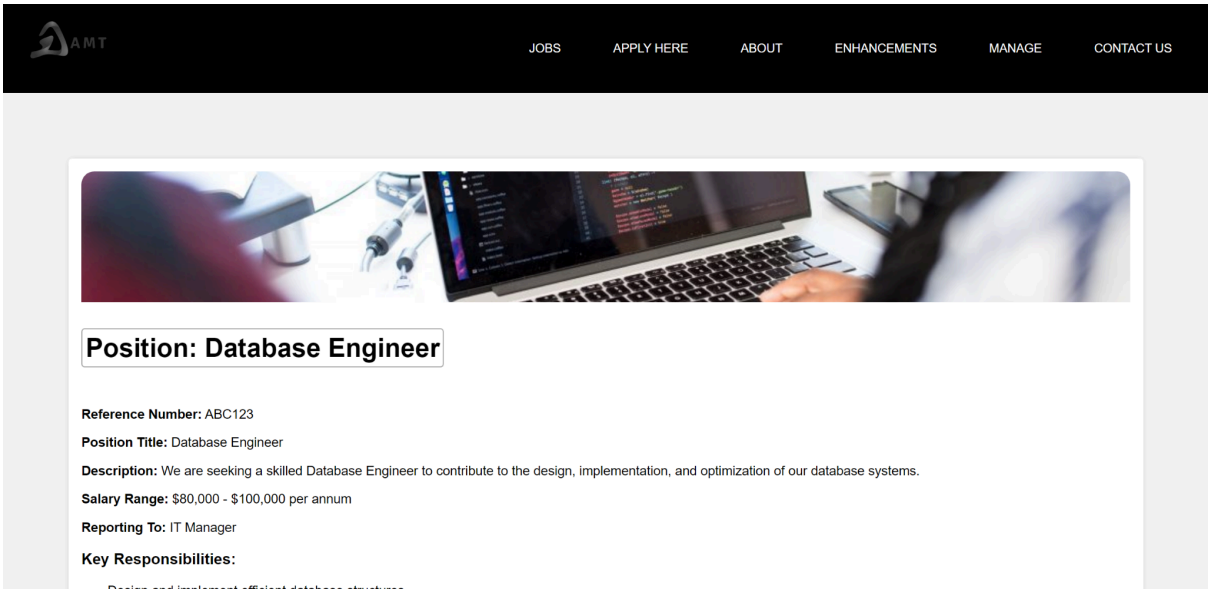
Navigation:
-Use the navigation menu at the top of the page to explore different sections of the website.
Home page:
-In this page you can find some overall information of jobs when you scroll down, but if you click the More Details, this will lead to the Jobs page.
Jobs page:
-In this page you will find detailed information about jobs and also a button that will navigate to the Application page.
Application page:
-This an application form for individuals interested in applying for positions at AMT Technologies
About page:
-From the navigation on every web page, you can have a closer look at our company in the About section, this will provide essential details about the company, such as its expertise, company ID, CEO, and project information and also an image that will navigate to a link called More About Us. In this page we have even more detailed information about our team members.
Contact Us:
-You can find a section that will navigate you to our email.
The index page:
-This webpage serves as the homepage for AMT Technologies, a dynamic platform dedicated to IT job recruitment. Upon entering the site, you're greeted by a striking header featuring the AMT Technologies logo, set against a sleek black background. The navigation menu, thoughtfully designed for ease of use, offers quick access to various sections of the website, including job listings, application submission, company information, and enhancements, also some contacts to approach us easier. The main content area of the homepage is divided into sections, each meticulously designed to engage and inform visitors. The top section features a captivating phrase inviting visitors to "Propel Your Tech Career to New Heights at AMT Technologies," enticing them to explore further. Further down the page, the "Latest Feature Jobs" section showcases prominent job openings within the company, complete with compelling visuals and concise descriptions. Visitors can easily navigate to the full job listings page for more details. The "What We Offer" section highlights the benefits of working at AMT Technologies, underscoring competitive salaries, professional growth opportunities, a collaborative work environment, and the chance to work on

cutting-edge technology projects.



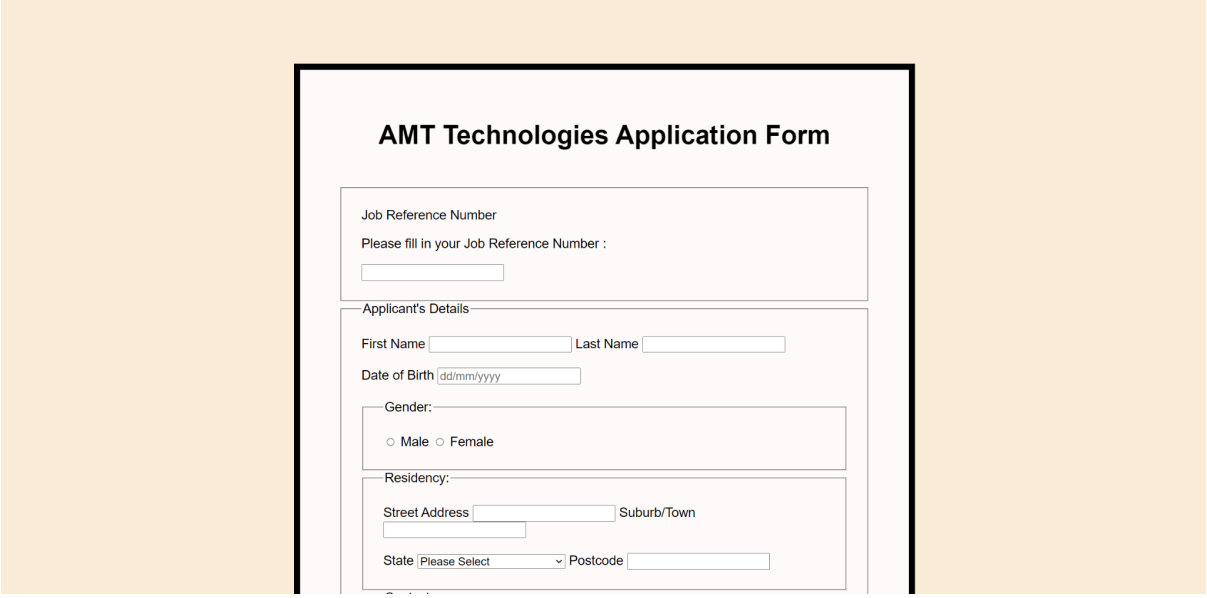
The jobs page:
This webpage serves as a comprehensive resource for exploring various job positions available at AMT Technologies. It offers detailed insights into the roles, responsibilities, qualifications, and application process for three key positions within the company.
At the top of the page, a cohesive header provides easy navigation with the AMT Technologies logo, accompanied by a menu bar offering links to different sections of the website, including job listings, application submission, and company information.
The main content area is divided into three sections, each dedicated to a specific job position:
Database Engineer:
-This section provides a thorough overview of the Database Engineer role, including a reference number, position title, description, salary range, and reporting structure.
Key responsibilities and qualifications essential for the role are clearly outlined, followed by additional preferable qualifications.
A prominent "Apply Now" button directs potential candidates to the application page.
Full Stack Developer:
-Similar to the Database Engineer section, this segment presents detailed information about the Fullstack Developer position, covering all essential aspects such as responsibilities, qualifications, and salary range.
Key responsibilities and qualifications essential for the role are listed, along with preferable qualifications.
An "Apply Now" button allows interested candidates to proceed with their application.
HR Director:
-The HR Director section offers comprehensive details about the role's responsibilities, qualifications, and reporting structure, similar to the previous sections.
Key responsibilities and qualifications essential for the role are outlined, followed by preferable qualifications.

Like the other sections, an "Apply Now" button is prominently displayed for potential candidates to initiate the application process.



The apply page:
-This HTML document represents an application form for individuals interested in applying for positions at AMT Technologies. Here's an overview of its structure and functionality:
Header Section:
Same with other pages.
Form Section:
-The form allows applicants to provide their personal details, including first name, last name, date of birth, gender, residency address, contact information, skills, and the position they are applying for. Input fields are provided for each piece of information, with appropriate labels and validation patterns (e.g., for email, phone number, date of birth). Checkboxes are available for selecting specific skills, with an option to specify other skills not listed. A dropdown menu allows applicants to select the position they are applying for.
Buttons:
-Submit and Reset buttons are provided at the end of the form to either submit the application or reset the form's fields.
Footer:

-The footer contains the copyright information, indicating that all content on the page is owned by AMT Technologies.



The about page:
-This webpage titled "About" provides valuable information about AMT Technologies, its team, and related details. Here's an introduction to the page:
Header Section:
-The header contains the company logo and a navigation menu offering links to various sections of the website, including jobs, application submission, about page, and enhancements.In this page i used some CSS effects that make the text look more beautiful such as text-shadow. It also includes a dropdown menu under "Contact Us" with options to contact different team members via email.
Main Content:
-A section titled "Meet The Team" sets the tone for the page, hinting at the focus on introducing the team behind AMT Technologies.
Following the “Meet The Team” is a container with a group information section providing essential details about the company, such as its expertise, company ID, CEO, and project information.
Additionally, there's a figure displaying an image of the team members with a link inviting visitors to learn more about them.
Timetable Section:
-The page also includes a timetable displaying the weekly schedule, featuring classes or events on each day of the week.I also add a box-shadow effect.
Footer:

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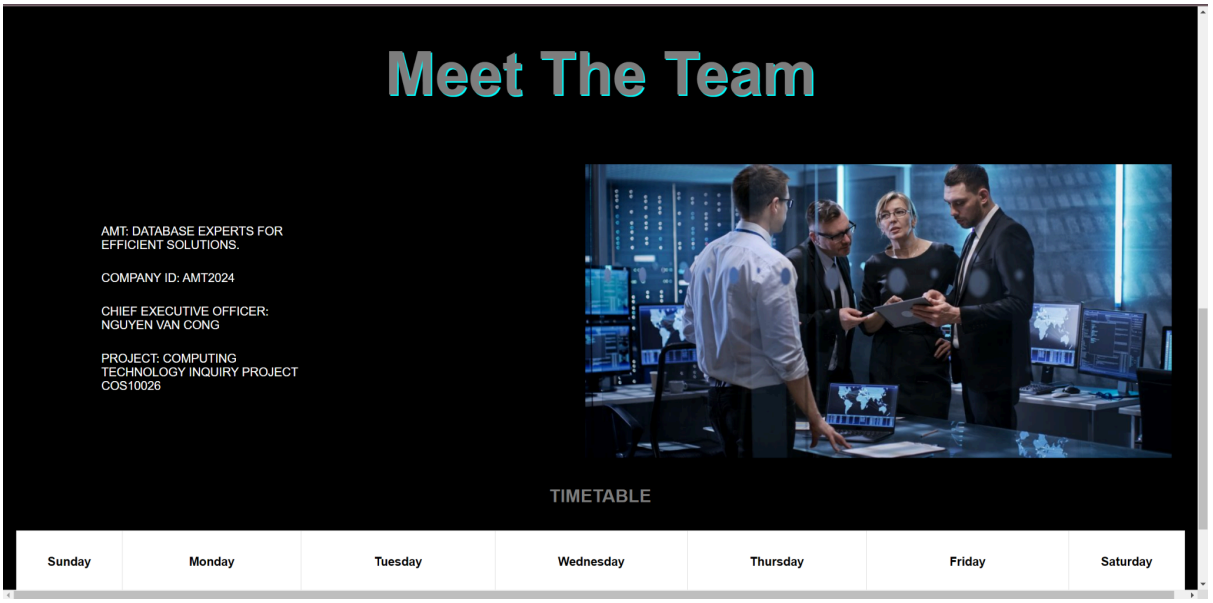
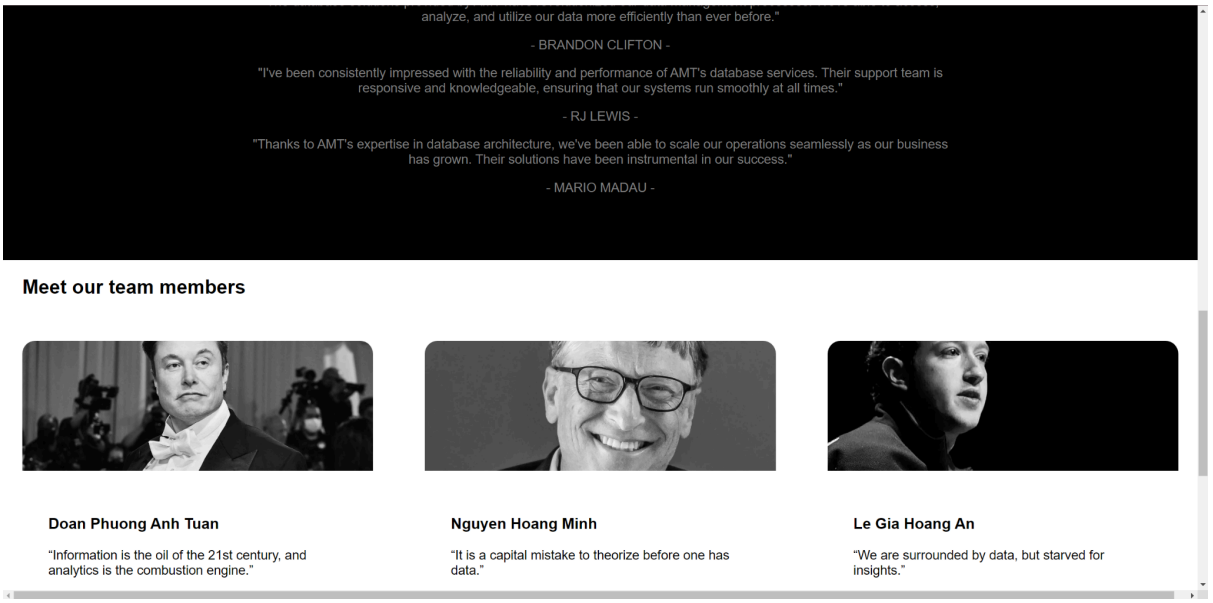


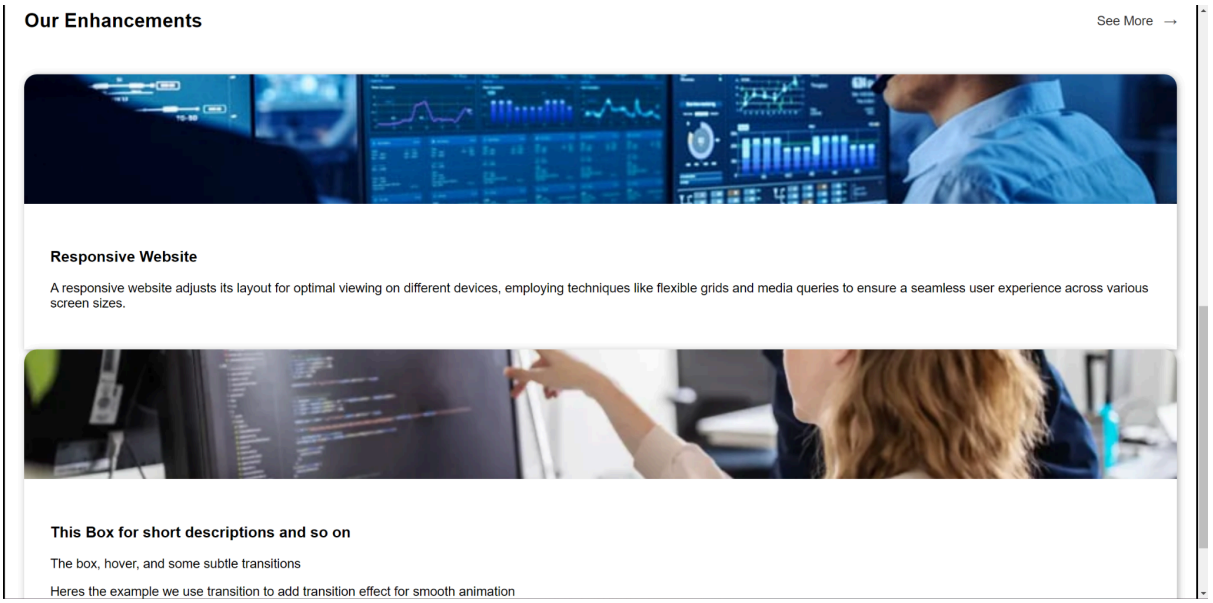
The moreabout page:
-This webpage titled "MoreAbout" offers additional insights into AMT Technologies, featuring feedback from satisfied clients and detailed profiles of key team members. Here's an introduction to the page:
Header Section:
-Same with other pages.
Main Content:
-An image sets the tone for the page, hinting at the focus on introducing the team behind AMT Technologies. Following the image is a section showcasing testimonials from clients, highlighting the positive experiences and outcomes they've had with AMT's services. Next, the page features detailed profiles of three key team members, each accompanied by a quote, age, occupation, and a brief description of their roles, interests, and aspirations. Each team member profile includes a button to "See More," inviting visitors to have a closer look at their profile picture related to that team member.
Footer:

-The footer contains the copyright information.



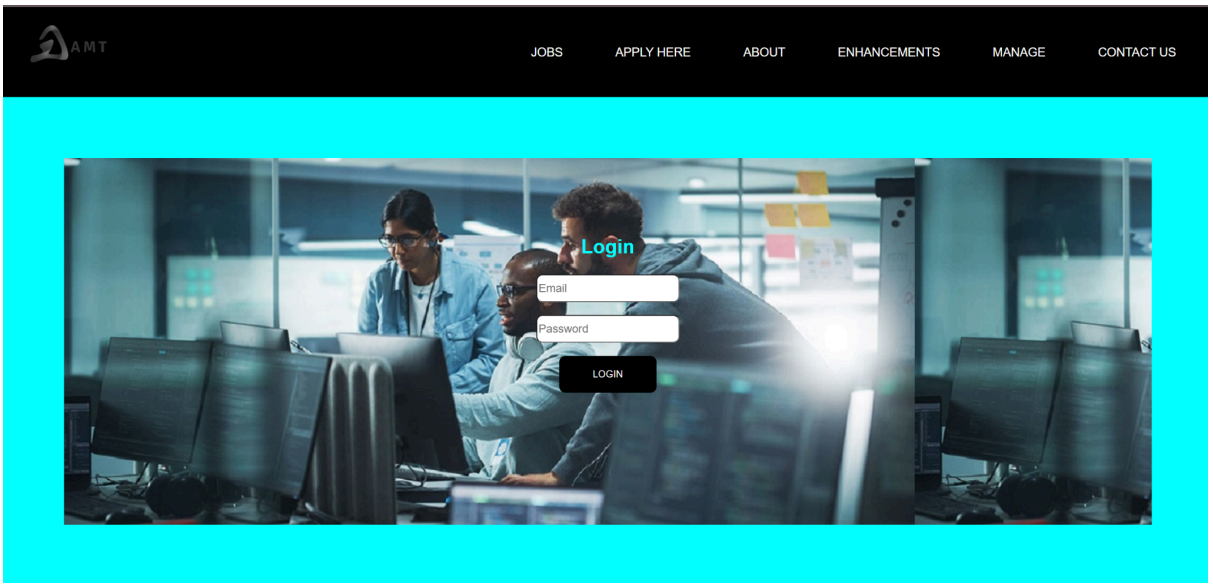
The enhancements page:
This HTML document represents a page titled "Enhancements" Meta Tags:
Content Section:
The main content section includes a heading "Enhancements" to introduce the topic of the page.
It features a section titled "Our Enhancements," which showcases improvements made to the website.
Each enhancement is presented as a featured card with an image and a brief description.
Enhancements:
Responsive Website:
Described as a website that adjusts its layout for optimal viewing on different devices.
Utilizes techniques like flexible grids and media queries to ensure a seamless user experience across various screen sizes.
This Box for Short Descriptions and So On:
Features a card with an image and a brief description.
Demonstrates hover effects and subtle transitions to enhance user interaction.
Provides an example of using transitions for smooth animation and transforms to move text upward.
Includes a penhan (brief) section with additional details about the example, such as using text-shadow for a smoother appearance.
Footer:

-Same with others.



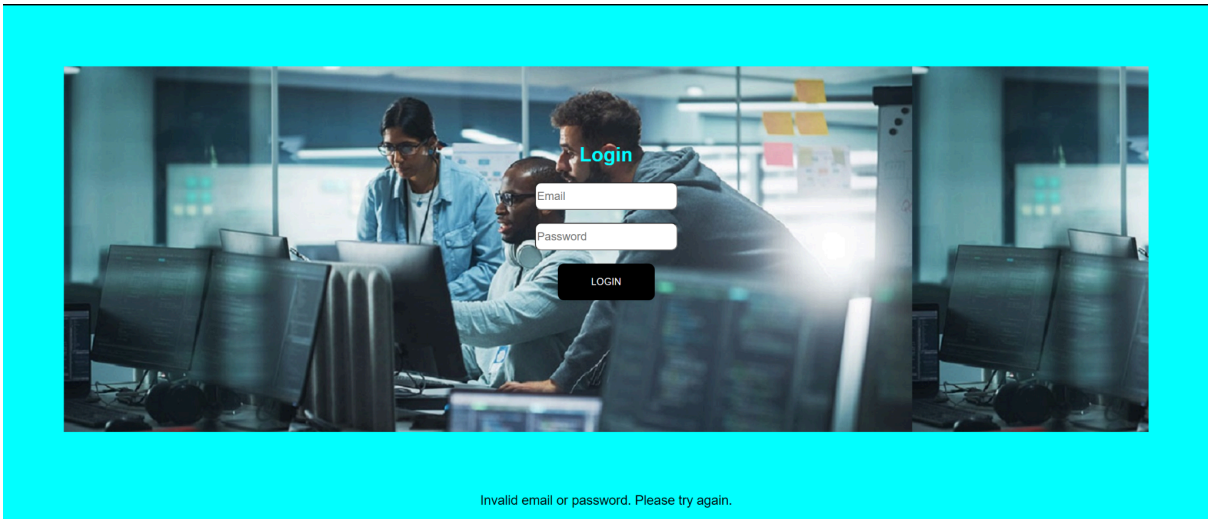
The login page:

-Login Form: The login form contains fields for email and password input.

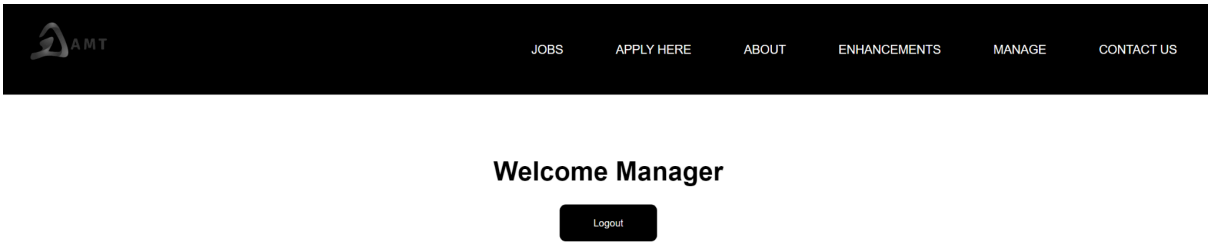


-Login Validation: Upon form submission, the provided email and password are validated against the database records.

-Error Handling: If the provided credentials are invalid, an error message is displayed to the user.



-After logged in successfully, the manager will able to access to the manage page:



Logout: The session variables are unset, the session is destroyed, and the user is redirected to the login page (login.php).
Redirect on Logout: After logout, users are redirected to the login page to authenticate again.

III. Security Research
1.Use a password manager and secure passwords.
2.Implement two-factor authentication.
3.Review and manage user accounts.
4.Install a trustworthy plugin and theme.
5.Keep plugins and themes up to date.
6.Install a security plugin.
7.Stay informed about security.
By Wes Theron, an Instructional Designer for the WordPress open-source project sponsored
https://learn.wordpress.org/tutorial/7-tips-to-improve-website-security/

-Use HTTPS Encryption: Employing HTTPS encryption ensures that data exchanged between the user's browser and the web server is encrypted, protecting it from interception by malicious actors.
https://developers.google.com/web/fundamentals/security/encrypt-in-transit/use-https
-Implement Security Headers: Use security headers like Content Security Policy (CSP) and HTTP Strict Transport Security (HSTS) to mitigate various types of attacks.
https://infosec.mozilla.org/guidelines/web_security
-Regular Security Testing: Conduct regular security assessments, including vulnerability scanning and penetration testing, to identify and remediate security weaknesses.
https://owasp.org/www-project-web-security-testing-guide/latest/
-Utilize Strong Authentication: Implement robust authentication mechanisms, including multi-factor authentication (MFA), to verify user identities securely.
https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-63b.pdf

IV. My Contribution and Reflection

My contribution to the project is about page and moreabout page, also the menu, footer of every page, i also add some effect to other pages such as the text-shadow, box-shadow to make the pages more beautiful. I also created the login page and the function to allow the manager to login and logout to manage the manager page, and when logged out, the manager will have to log back, and cannot direct back by pressing backward. My contribution has a login page so I think the issue will be the privacy of users. I think it's important to secure users' privacy and information to gain users' trust.

V. Conclusion

In conclusion, the creation of the AMT Technologies website has been a collaborative effort aimed at providing a dynamic platform for IT job recruitment. Through thoughtful design, comprehensive content, and innovative enhancements, we have strived to deliver a user-friendly experience that engages and informs visitors.