

Development of website for a Training Organization

Module Project

Module: Front End Web Development

Course: ITSF - Front End Web Development

Start Date :October 17, 2022

End Date : October 19, 2022

Submission Date: October 19, 2022

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Enrollment ID : BDSE07-FED-0922

Presentation Date:

Document History



Version Number	Effective Date of release	Summary of Included Changes	Author
1	25 th September 2022	First Edition	Francis Roel L. Abarca
2	5 th October 2022	Added animations, Implemented JavaScript and jQuery onto the site.	Francis Roel L. Abarca
3	18 th October 2022	Added Lead Registration and Administration Pages	Francis Roel L. Abarca

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1. Project Definition



☐ Project Objective

- One of the problems I have noticed with a couple of websites are that they don't utilize that much graphics in them, and they are hard to navigate as well so our goal for this project is to:
- Make the website easier to use and navigate.
- Create a more modern and eye-catching website.
- Utilize the use of multimedia and graphics for easy viewership and understanding.
- Display the information with an easy and a clean looking interface.
- Improve the reach and access to the institution itself.

☐ Proposed Solution

- The solutions that we proposed to achieve our objectives are:
- Utilize the more modern HTML5, CSS3, JavaScript onto the website.
- Designing a website with organization and cleanliness in mind.
- Making a website super easy to navigate and view around.
- Make the website feel more modern with the use of Animations.

2. Development Tools









☐ Visual Studio Code

• We used VSCode because of its simplicity, strong plug-in support, support for opening and editing GitHub projects and its price. Its free!

☐ Mozilla Firefox

 Mozilla Firefox has been a go-to browser for most web developers cause of its robust Developer Tools options and its SDK.

☐ Microsoft Hyper-V

 We used Hyper-V during the testing phase in which we needed to virtualize operating systems for testing purposes.

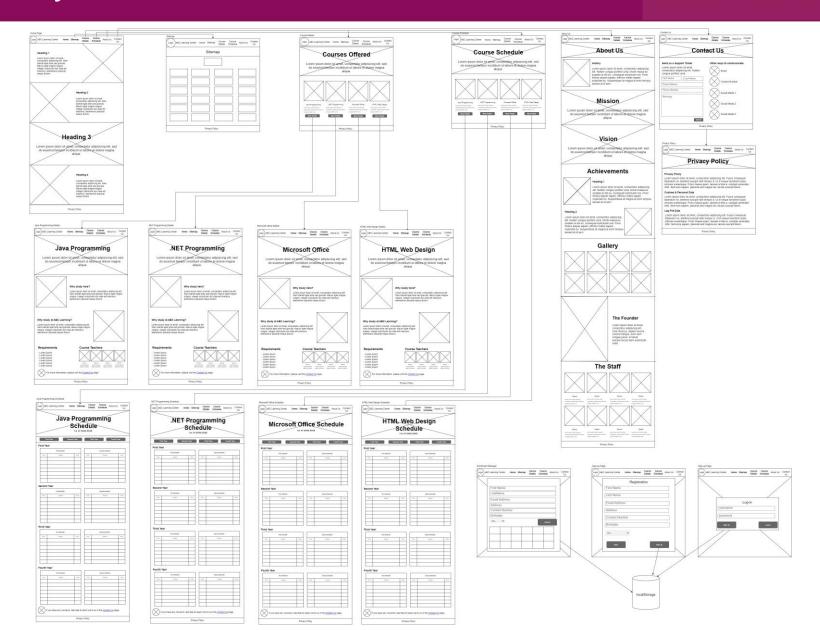
3. Information Architecture





4. Storyboard

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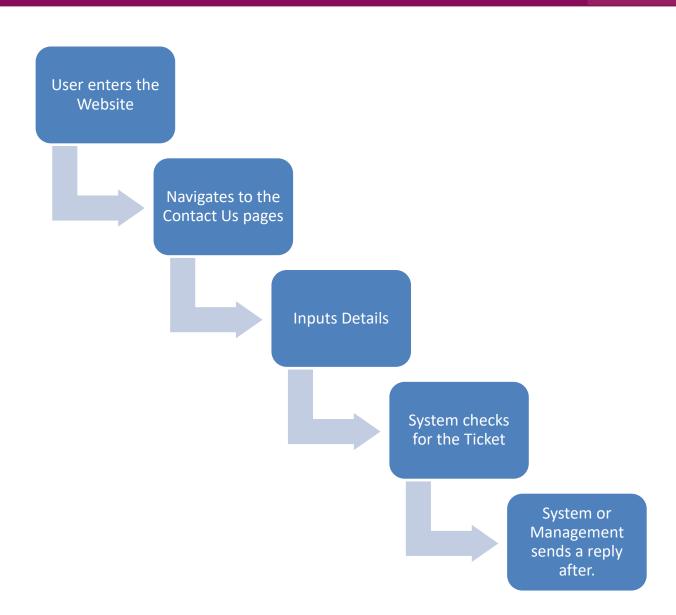
5. Menus



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6. Business Process





7. Lead Generation Form Design





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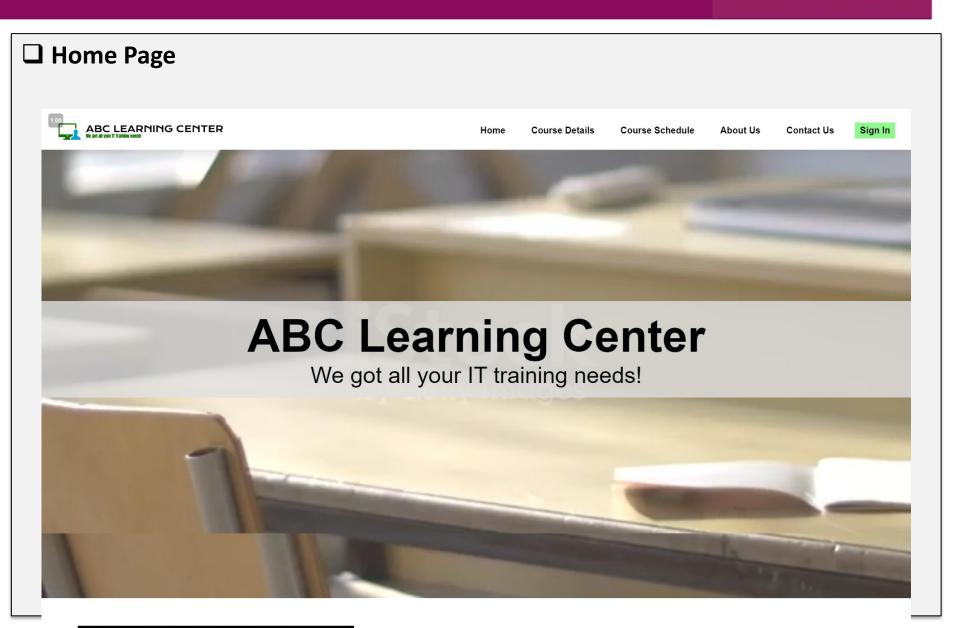
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8. HTML Catalog



☐ List of HTMLs to be developed				
☐ Home Page	- Administration Page			
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☐ Courses Offered (Java Programming) Page





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Course Teachers





Professor 1

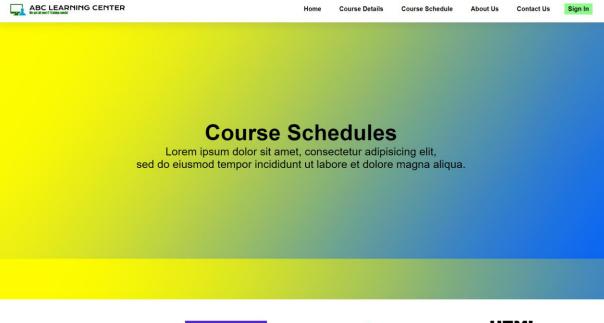
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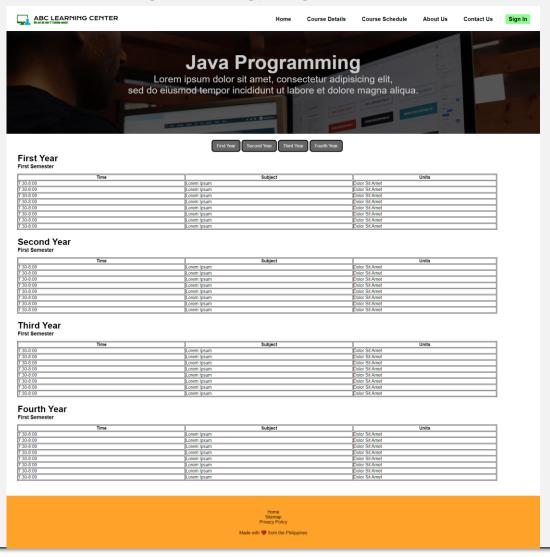




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☐ Course Schedules (Java Programming) Page

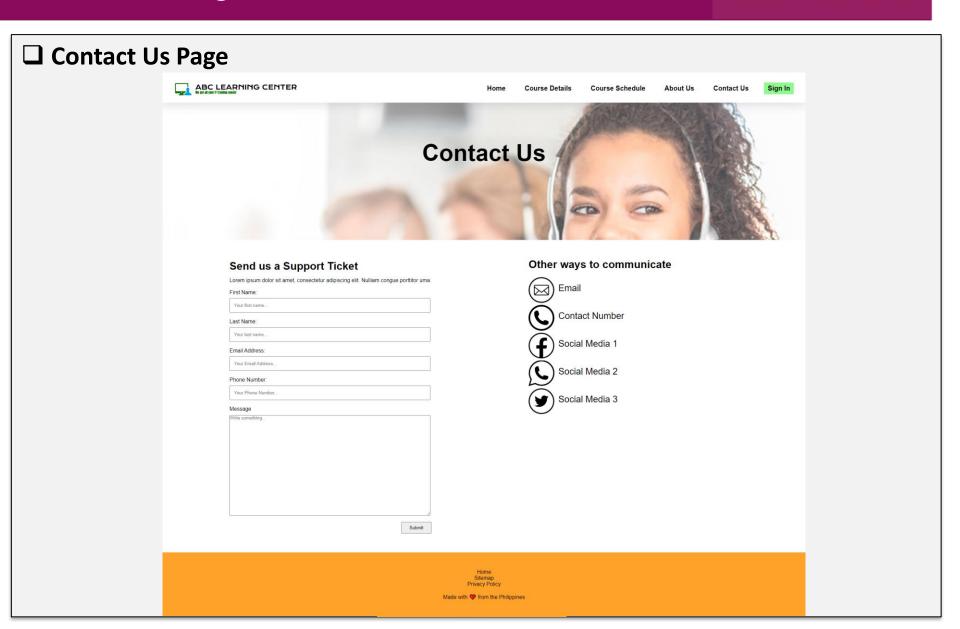


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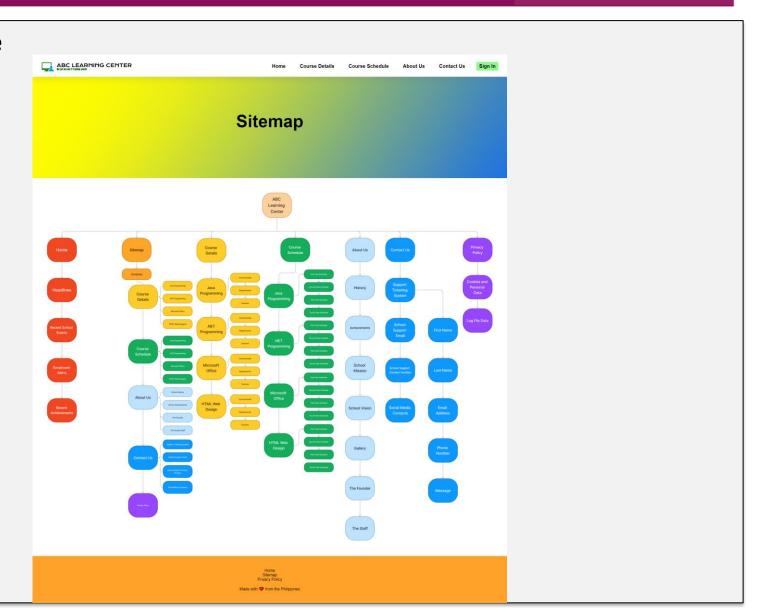
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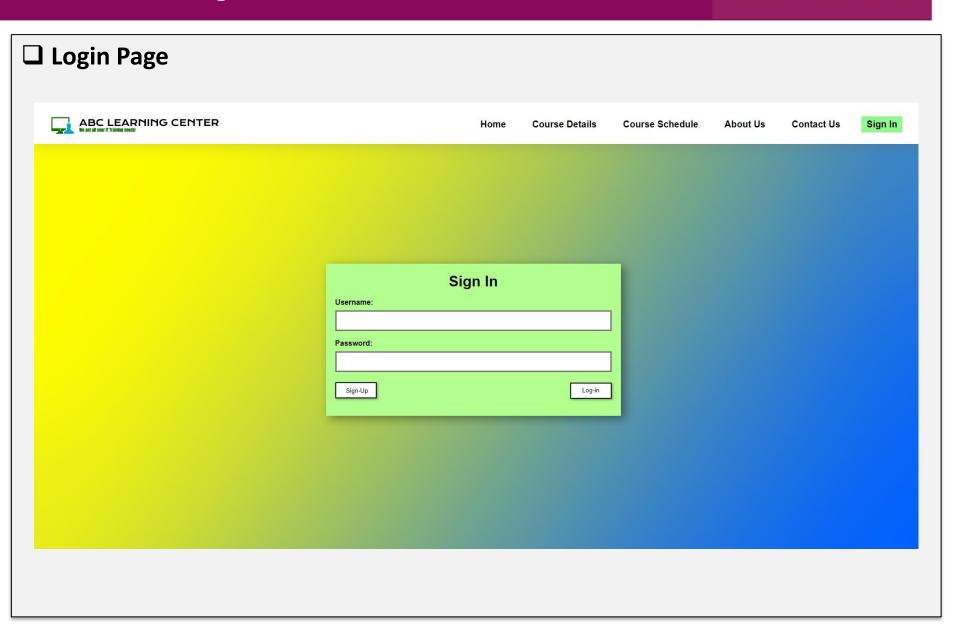
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☐ Sitemap Page



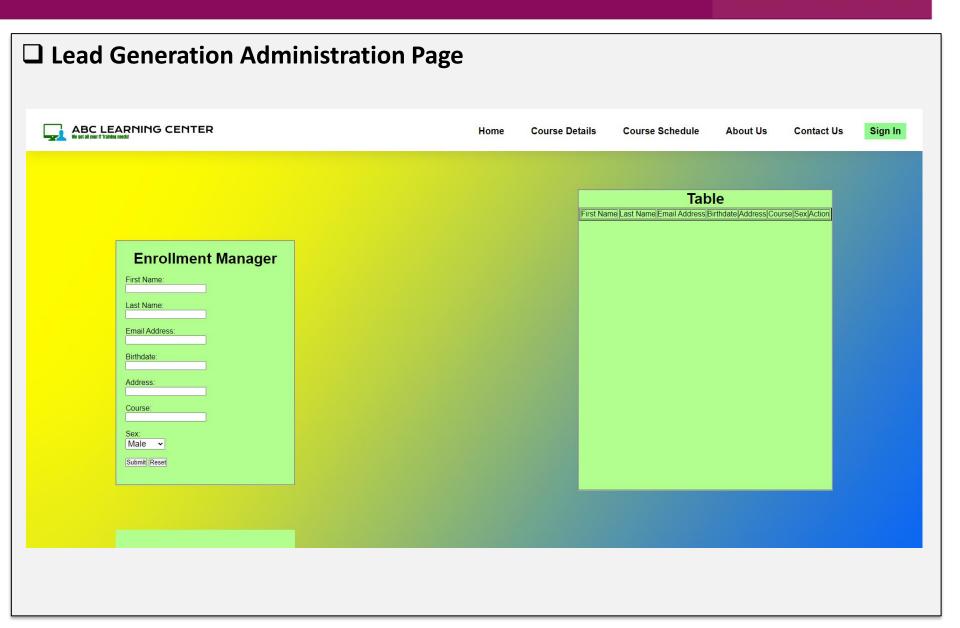






Lead Registration Page							
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	First Name:	Sign Up					
	Last Name:						
	Email Address: Birthdate:						
	Address:						
	Course: Sex: Male						
	Back		Sign-up				





10. CSS Classes



☐ CSS Classes

S. No.	Selector	Style to be Created
1	Banner	Background-color Background-image Outline
2	Heading	Background-color Box-shadow Padding margin
3	Footer	Background color

11. Lead Generation Form



Sign Up	
First Name:	
Last Name:	
Email Address:	
Birthdate:	
Address:	
Course:	
Sex: Male	
Back	Sign-up

12. Pages with Styles

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14. Proposed Changes to User Interface LITHAN



☐ Proposed Changes
☐ Utilizing a flat design style for a modern look.
☐ The use of just simple and pleasing colours.
☐ The use of multiple videos and photos on each of the banners.
☐ Having enough spacing for the text and photos.

15. Project Deliverables



☐ Project Deliverables

- Initial Planning
- Information Architecture
- Storyboarding
- Prototyping
- Testing
- Debugging
- Proposals

☐ List of Evidences

- A screenshot of the website working.
- A project outcome of the website.
- Website running on a Web Server.
- Deployment of the website.

16. Project Environment



☐ Technical Environment and Tools Used

- Microsoft Visual Studio Code
- Microsoft Hyper-V
- Parallels Desktop
- macOS Monterey 12.4
- Windows 11
- Windows 10
- HP Compaq Pro 6000 SFF (Intel Core 2 Quad Q9500, 5GB of RAM)
- Workstation PC (Intel Core i7 8700K, 36GB of RAM)
- Acer Swift 3 (AMD Ryzen 5 4500U, 8GB of RAM)

☐ List of references

- Refsnes Data AS (1998) W3Schools
- Lynda W., Bruce H. (199) LinkedIn Learning
- Chad H., Steve C., Jawed K. (2005) YouTube

17. Website Review & Improvements







18. Project Milestones & Tasks



Project Task ID	Project Task Description	Project Milestone ID
1		1
2		1
3		1
4		1
5		1
6		2
7		2
8		2
9		2
10		3
11		3
12		3

20. Project Results (1/2)

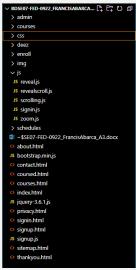
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☐ Screen Shots of Evidences

Webpage working on a Live Server



- Website Stored on a Web Server



20. Project Results (2/2)



☐ Link for the Project Walkthrough

- Finishing the website.
- Deploying it to a Web Server like Apache or IIS
- Testing the website on multiple machines.

21. Proposed Improvements



☐ List of Improvements

- One of the Improvements that we would like to have are:
- The use of MySQL or PHP rather than LocalStorage for database storage.
- Adding Responsive Design support onto the website.
- A better Log-in system that would utilize MySQL as well for better security.
- Add more graphics and videos onto the website to improve its quality.
- A working Support Ticketing system that utilizes MySQL or PHP as well.