Jose Rizal University

College of Computer Studies Engineering

Computer Engineering Department

W1 - Webinar Report

CPE C409 – SEMINARS AND FIELDTRIPS

Submitted by:

Exiquiel John A. Pines

Submitted to:

Mrs. Monette Loy-A

Date Submitted:

August 31, 2023

Hosting Institution: **Jose Rizal University**

Seminar Title: **Full Stack Web Application Development using Python/Django with NoSQL**

Speaker: **Engr. Aeron Ding D. Almira**

Seminar Date and Time: **August 24, 2023 / 10:30 AM**

Seminar Venue: **Webinar via Zoom**

Engr. Aeron Ding D. Almira is an alumnus of Jose Rizal University. In his 2 years in the industry, he has been a junior software developer for four companies and his goal now is to have an expertise in the python programming language.

Engr. Almira discussed about what is web development. Web development involves building and maintaining a website hosting via the internet. It starts with graphic design, then the front-end developer turns the design into code and then the back-end developer creates the functions of the whole web application.

He also introduced us to the tools he uses for full stack web development such as VS Code for his editor where he writes his codes and functions, Git/Github for version control, HTML and CSS for the front-end programming and Python/Django for the back-end side of the web application. He also mentioned NoSQL and MongoDB; NoSQL is a non-relational database that is used to handle JSON documents and MongoDB is an open-source NoSQL document database management program that supports JSON-like storage. He also showed us an example of his work for us to know what it looks like. Unlike SQL databases which are tabular and structured, NoSQL databases are stored in a key-value pairs and looks like a dictionary in a python perspective.
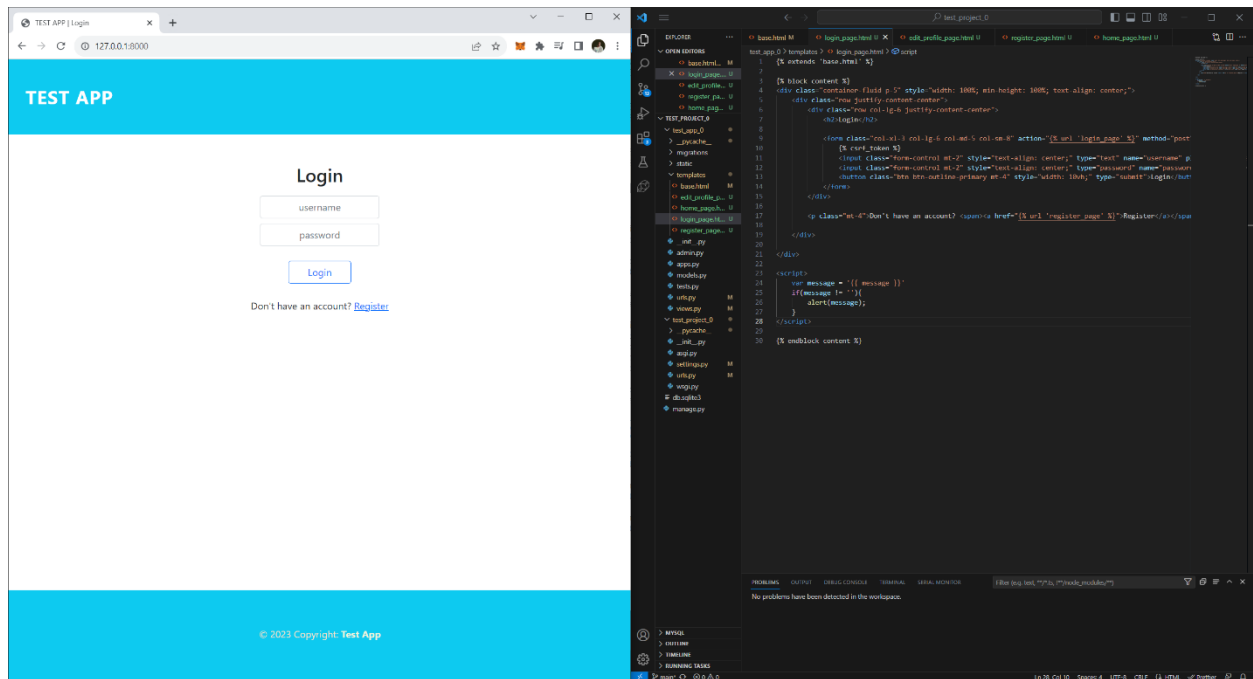
The seminar was very informative and I learned a lot about the different aspects of web development such as the use of Python programming language, Django framework, and NoSQL database in full stack web application.

Python is a popular programming language that is well-suited for web development and it is also easy to learn and use. Django is a web framework that is built on top of Python that provides a set of tools and libraries that make it easy to build complex web applications.
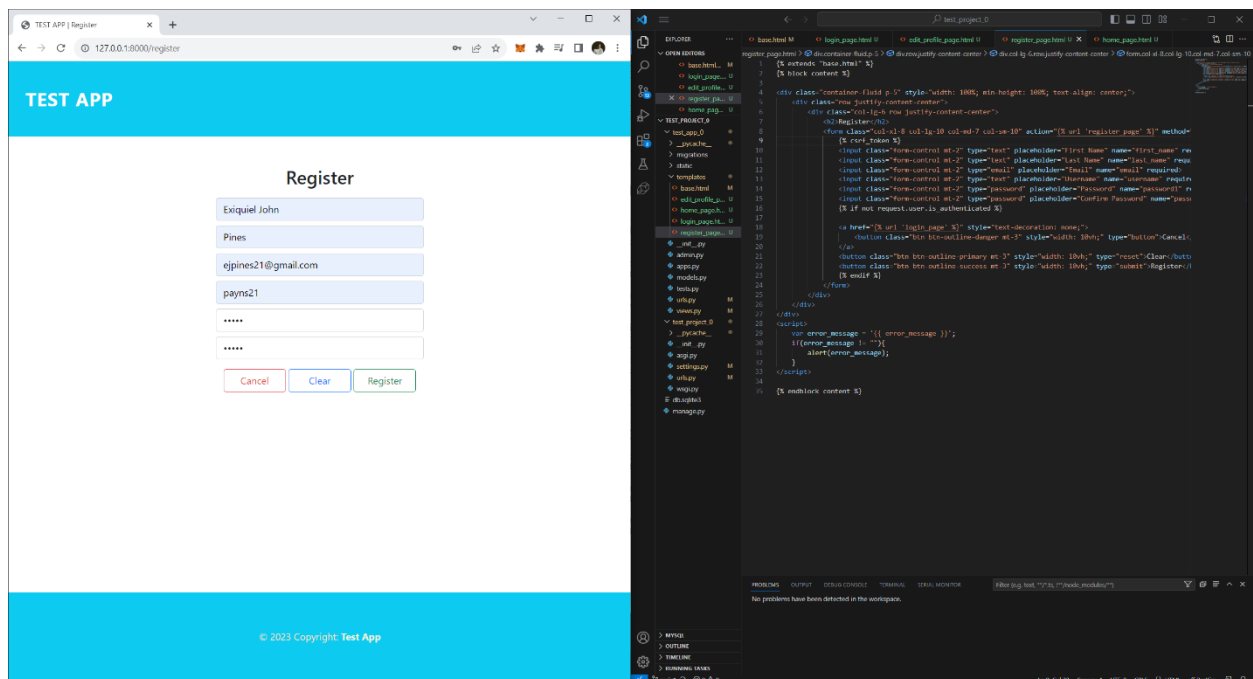
I was also interested in the NoSQL databases section because I have never heard of NoSQL databases before since we always use SQL databases on our former projects. But I realized that they are a powerful tool for storing and managing large amounts of data and it can be used for our upcoming thesis project. NoSQL databases are a type of database that is not based on the relational model. This means that they do not store data in tables. Instead, NoSQL databases store data in different ways, such as key-value pairs, documents, or graphs.

Overall, I found the seminar to be very valuable. I learned a lot about full stack web development. I believe that the knowledge I gained will be valuable in my career as a computer engineer. I am also grateful for the opportunity to have attended this seminar. It has given me a solid foundation in full stack web development. I am also excited to apply what I learned in the seminar to my future projects, and I can now say that I am more confident in my ability to build my own web applications.
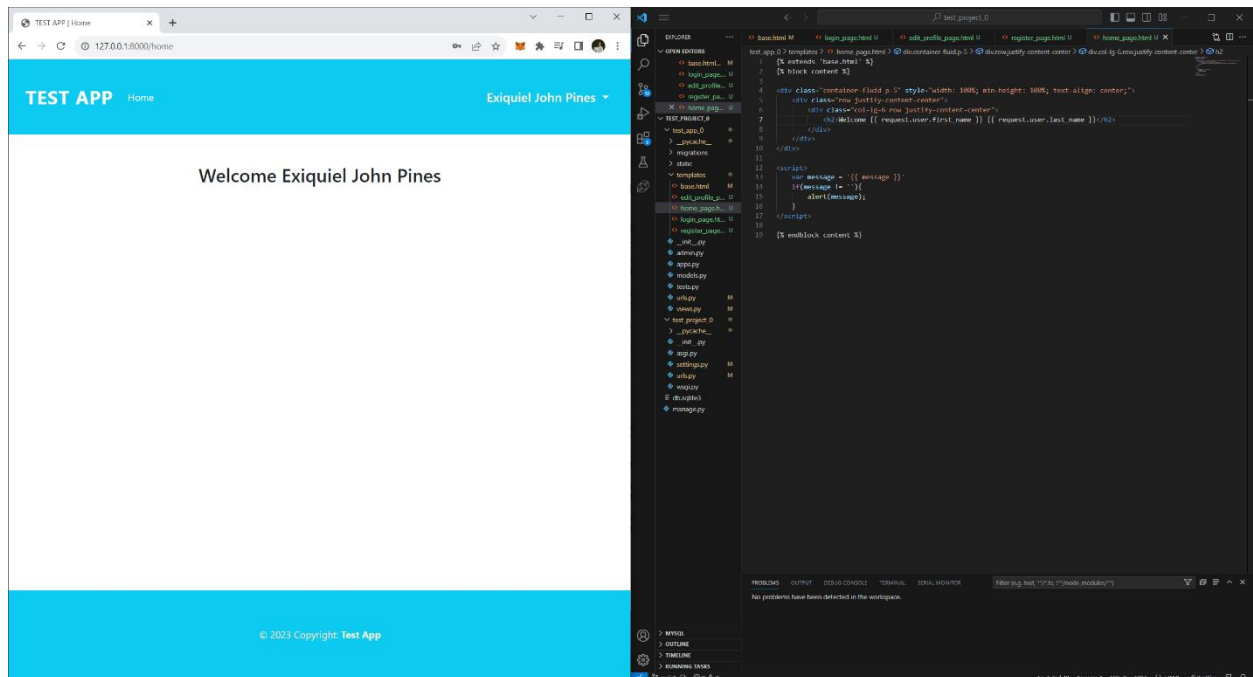
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W1 - Webinar Evaluation

CPE C409 – SEMINARS AND FIELDTRIPS

Submitted by:

Exiquiel John A. Pines

Submitted to:

Mrs. Monette Loy-A

Date Submitted:

August 31, 2023

Seminar Evaluation Form

Topic : Full Stack Web Application Development using Python/Django with NoSQL Database
Speaker : Engr. Aeron Ding D. Almira
Date : August 24, 2023
Time : 10:30 am

exiqueiljohn.pines@my.jru.edu Switch account

☁ Draft saved

* Indicates required question

Email *

☑ Record **exiqueiljohn.pines@my.jru.edu** as the email to be included with my response

Name *

Exiquiel John A. Pines

I. CONTENT

Relevance of the topic discussed *

	1	2	3	4	5	
Poor	○	○	○	○	⦿	Excellent

Scope of the topics covered *

	1	2	3	4	5	
Poor	○	○	○	○	◉	Excellent

Usefulness of activities *

	1	2	3	4	5	
Poor	○	○	○	○	◉	Excellent

Clarity of the presentation *

	1	2	3	4	5	
Poor	○	○	○	○	◉	Excellent

The presentation was well organized *

	1	2	3	4	5	
Poor	○	○	○	○	◉	Excellent

Did you find the content practical and applicable to your interest? *

◉ Yes

○ No

Did the content provide you with new insights or knowledge? *

Did the content provide you with new insights or knowledge? *

◉ Yes

◯ No

Which specific topics or areas of the content did you find most valuable? *

Connection of Web Application to Database using Python and MongoDB

II. RESOURCE PERSON

Mastery of the topic *

	1	2	3	4	5	
Poor	◯	◯	◯	◯	◉	Excellent

Effectiveness of the speaker *

	1	2	3	4	5	
Poor	◯	◯	◯	◯	◉	Excellent

How well did the speaker engage with the audience (e.g., Q&A, discussions)? *

	1	2	3	4	5	
Poor	◯	◯	◯	◯	◉	Excellent

The speaker's presentation was clear and engaging *

	1	2	3	4	5	
Poor	○	○	○	○	◉	Excellent

Did the speaker engage the audience and maintain your interest? *

◉ Yes

○ No

What aspects of the speaker's presentation did you find particularly effective or valuable? *

Demonstration

III. OVERALL SATISFACTION

How satisfied are you with the overall seminar event? *

	1	2	3	4	5	
Very Dissatisfied	○	○	○	○	◉	Very Satisfied

List any suggestions you have for improving the presentation

None

A copy of your responses will be emailed to exiqueiljohn.pines@my.jru.edu.

Seminar Evaluation Form

Your response has been recorded.

JOSÉ RIZAL UNIVERSITY

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS HEREBY GIVEN TO

EXIQUIEL JOHN A. PINES

In recognition of your active participation and engagement in the seminar entitled: *"Full Stack Web Application Development using Python/Django with No SQL Database"*.

Your commitment to learning and your enthusiastic involvement in the seminar session have contributed to its success. You have demonstrated a keen interest in expanding your knowledge in the field of web development. We commend your dedication and hope that the skills and insights gained during this seminar propel you towards greater achievements in your professional journey.

Given this 24th day of August in the year of the Lord, 2023.

ENGR. MONETTE LOY-A

Course Adviser