PORTFOLIO FOR DIRECTED LEARNING FOR MAJOR PROJECT

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Semester: **IF6I**   Branch: **Information Technology**

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Title of the Project: **Blog Web Application**

Name of the Guide: **Mr. Chintamani Chavan**

Name of the Polytechnic: **Thakur Polytechnic**

Week 1: we did our installation of django and python. and then we ran some inital tests to check whether the project is running or not.

The test we ran requesting the web server to display the "Hello World" on our webpage.

then created a new pages of about section. tested anchor tag so see whether the navigation work etc

Week 2:

This week we created some basic layout for our posts to see what will be the format for post i.e post title will h2 or h1 to see what tags and what sequence looks good.

Week 3:

This week we created some templates where we saw applied some Cascading Styling Sheets to see what color, alignment etc looks nice.

Week 4:

This week we create database using SQLite for recording our data on queries for ~~CRUD Create Read Update~~ manipulation of information for creating, updating & deleting records

writing code was for database was easier the regular SQL query.

the code looks similar to python code rather then a SQL code.

Week 5:

This week we created an integral part of our project which was forms for new user registration, registrated user login / logout etc.

we used django-crispy-form which is a third party dependencies on apps

which comes with some default paddings, margins etc.

Week 6:

The week we applied some bootstrap4 classes to our templates to look more nice

we faced some difficulties at the start but as we progressed we fixed our problems.

Week 7 :

This week we created some
authorization to create, update &
delete from the templates or
web pages itself

this means a user has to
login before creating new post.

and only the authour of the post
has the right to . update / delete
his post and no one else can.

Week 8:

This next week we created some features like comments section so the others can give feedback to the post.

we also added the user authorization feature so that only logged in user can add access comment section.

then we decided to work on pagination for easy navigation it allows the web pages to load five posts on one page next

five on next page and so on

and user can easily navigate using page no. i.e 1, 2, 3 etc.

Feb 9:

Added some more features this week like uploading images to the post so that user can express more or shore more etis descriptive way of information

For now we can only add three images per post.

Jost we decided to use file type at models.py but it didn't work the images weren't displaying.

So later decided to use image field but it won't let us selelet multiple images at once so we create 3 image fields to upload 3 seperate images seperately.

Week 10 :

At last week we add some security functions for Password Reset & Password change option if the user forgets. his/her password he/she can reset it w/my mail which they used. for registration

for now the app is not deployment so the email is sent the server to the terminal/command prompt.