

PORTFOLIO FOR DIRECTED LEARNING FOR MAJOR PROJECT

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Semester: **IF6I** Branch: **Information
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Roll No. : **60**

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

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

Name of the Polytechnic: **Thakur Polytechnic**

Portfolio for Self Directed Learning for Major Project

Name of Student: Akash Ashok Adarkar

Semester: IF5I Branch: Information Technology

Roll no. 60

Title of the Project: ~~Web~~ Blog - Web Application.

Name of Project Guide: Mr. Chintamani Chavan

Name of Polytechnic: Thakur Polytechnic

Week 1: we did our installation of django and python. ~~and~~ then we ran some initial 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 page 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 be ^{or} h2 ~~or~~ h1 to see what tags and what sequence looks good.

Week 3:

This week we created some templates where we ~~some~~ 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 than regular SQL query. The code looks similar to python code rather than a SQL code.

Week 5:

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

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

which comes with some default padding, margins etc.

Week 6:

The week we applied some bootstrap 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 introduced some authorization to create, update & delete from the templates on web pages itself.

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

and only the authors 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} users can add access comment section.

then we decided to work on pagination for easy navigation

it allows the web pages to load ~~5~~ ^{five} parts 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.

req:

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

for now we can only add three
images per post.

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

so later decided to use image field
but it won't let us select multiple
images at once so we create 3
image fields to upload 3 separate 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 using email which they used for registration

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