



Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino de las Alas Campus
Indang, Cavite

COLLEGE OF ENGINEERING AND INFORMATION TECHNOLOGY

Weekly Activity Report

Student Intern Name:	Elreen Aya A. De Guzman	Program:	BS Computer Science
Company / Organization:	CEIT Extension	Department / Unit Assigned:	Department of Information Technology
Internship Role:	Programmer	Supervisor:	Ma'am Charlotte B. Carandang
Internship Duration:	July 14, 2025 – August 23, 2025	Number of Required Hours:	240 hrs

(Note: First two are sample entries. Do NOT copy.)

WEEK	INCLUSIVE DATES	GOALS/ OBJECTIVES	ACTIVITY/TASK	OUTCOME/LEARNING	TOOLS/RESOURCES NEEDED	REMARKS / SIGNATURE OF SUPERVISOR
2	July 21, 2025	Finalized system diagrams; determine tech stack and tools; complete assigned ERD work	Attended 9:00 AM team meeting to finalize diagrams, choose tech stack and list required tools; worked on ERD relationships	Gained clarity on system architecture and development direction; completed ERD relationships for assigned database tables	Microsoft Teams, Lucidchart	
2	July 22, 2025	Set up development environment and begin backend	Installed Python Django and PostgreSQL; watched tutorials; initialized Django project and first app	Understood basic Django project structure and environment setup	YouTube (Django Tutorials), Django Docs, PostgreSQL Installer	

		framework learning				
2	July 23, 2025	Learn Django Models and Migrations	Studied model creation and field types; established model relationships; applied migrations to PostgreSQL database	Gained hands-on experience with Django's ORM and schema migration process	VS Code, YouTube, PostgreSQL, Django	
2	July 24, 2025	Understand Django Admin and Routing	Customized Django Admin Panel; learned URL configuration and routing to connect views and templates	Learned how to manage and display data through the Admin Panel; understood the basics of routing and URL mapping in Django	Django, VS Code, YouTube	
2	July 25, 2025	Implement Forms, Views, and Templates	Explored Django Forms (especially ModelForms); built views to process user input; designed dynamic HTML templates	Learned full flow of handling user input and rendering dynamic content; developed foundational understanding of MVC in Django	VS Code, YouTube, PostgreSQL, Django	

Summary of the Week:

Highlights:	<ul style="list-style-type: none"> • Successfully set up our backend development environment, finalizing our tech stack with Python Django and PostgreSQL. • Initiated learning the project development, progressing from system diagram finalization to building Django applications, models, and forms.
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	<ul style="list-style-type: none"> Implemented basic backend functionality and gained a clear understanding of the overall development flow by week's end.
Challenges:	<ul style="list-style-type: none"> A primary challenge involved understanding Django's model-migration system and the initial unfamiliarity with syntax for defining database relationships. Initially found applying migrations and customizing the Django admin panel confusing, but overcame these hurdles through repeated practice and guided tutorials.
Learning:	<ul style="list-style-type: none"> Acquired foundational skills in Django, specifically in structuring applications, managing data through models, and creating forms and views. Learned the importance of URL routing and template rendering in web development. Beyond technical skills, I experienced firsthand the value of team alignment and clear planning during the early stages of a development project.


ELREEN AYA A. DE GUZMAN
 07/26/2025