



PANGASINAN STATE UNIVERSITY

Urdaneta City, Pangasinan

S.Y 2023-2024, Semester 1

Application Development and Emerging Technologies

CC106

PORTFOLIO

Joreson Mark B. Biag

Presented to:

Joshua C. Reyes

Faculty, Information Technology



PANGASINAN STATE UNIVERSITY
Urdaneta City, Pangasinan

Application Development and Emerging Technologies

2023-2024, Semester 1

Student Portfolio

Submitted by:
Joreson Mark B. Biag

In partial fulfillment of the requirements for the course Application Development and Emerging Technology

Presented to:
Joshua C. Reyes
Faculty, Information Technology

TABLE OF CONTENT

Cover Page	1
Title Page	2
Table of Content	3
Student Self-Introduction	4
Course Syllabus Acknowledgment Form	5
 COURSEWORK	 6
Case Studies	7
Activities	8
Quizzes	12
Examinations	15
Projects	20
Classroom Assessment Grade posting	22

A Personal Introduction to Application Development and Emerging Technology



Student Self-Introduction

Hello everyone, Joreson Mark B. Biag, a dedicated student at Pangasinan State University Urdaneta City with a profound interest in Application Development and Emerging Technology. My academic pursuit revolves around gaining a deep understanding of the intricacies of application development and exploring the transformative potential of cutting-edge technologies. My goal is not only to acquire technical skills but also to foster a creative mindset that pushes the boundaries of innovation.

In addition to my academic endeavors, I actively engage in practical projects and collaborative initiatives. I firmly believe in the importance of hands-on experience to complement theoretical knowledge. Whether it's coding, designing user interfaces, or experimenting with emerging technologies, I am eager to immerse myself in challenges that contribute to my growth. By attending conferences, participating in hackathons, and joining tech communities, I strive to stay abreast of industry trends and connect with like-minded individuals who share a passion for leveraging technology for positive change.

Looking ahead, I am excited about the opportunities and challenges that come with navigating the dynamic landscape of technology. I am eager to collaborate with fellow students, learn from experienced faculty, and contribute meaningfully to the ever-evolving tech sphere. Thank you for welcoming me into this vibrant community, and I am thrilled to embark on this educational journey with all of you.



PANGASINAN STATE UNIVERSITY
Urdaneta City, Pangasinan

COURSE SYLLABUS ACKNOWLEDGEMENT FORM

ACADEMIC INFORMATION

Academic Year	2023-2024
Semester	1st Semester
Instructor	Joshua C. Reyes
Contact Number	09095959442
Email Address	jreyes@psu.edu.ph

COURSE INFORMATION

Course Code	CC106
Course Title	Application Development and Emerging Technology
Course Credit	3 units (2 lecture, 1 laboratory)
Course Pre-Requisite	System Analysis and Design
Course Schedule	Monday(8am-10pm) and Wednesday (8am-11am)

ACKNOWLEDGEMENT

By affixing my signature to this form, I acknowledge that I have accessed, read, and saved the course syllabus indicated above.

Furthermore, by signing below, I agree with the following statements:

- I have reviewed the syllabus and understood the course, learning, and/or assessment outcomes and course policies.
- I acknowledge and understand that my failure to abide by these policies may have significant academic consequences for which I am solely responsible.
- I fully understand how my performance will be evaluated, and my semestral grade will be determined. I am fully aware that all information for this class is available and posted in Microsoft Teams.

STUDENT INFORMATION

Student ID Number	22-UR-0006
Student Name	Joreson Mark B Biag
Degree	Bachelor of Science in Information Technology
Year Level	3rd Year
Section	3A
Email Address	22ur0006@psu.edu.ph
Contact Number	09454888915



A handwritten signature in black ink, appearing to read "Joreson Mark B Biag".

Signature over Printed Name

Date Signed: 10/01/2024



COURSEWORK

Activities

Project Deliverable 1

Project Ideas

Group number: 4

Leader: Cedric Joel Cayaban

Programmer: Dan Hebron Galano

Members:

Bea Rizza Conag

Lean Kevin Eugenio

Project 1

Title: Smart Parking System using IoT sensors

Description: A smart parking solution that uses IoT sensors to detect and display real time parking availability in a city or a parking facility through an app

Contributor: Bea Rizza Conag

Project 2

Title: Skin care routine maker

Description: a system that provides recommendations on what skin care he should take depending on the skin condition that will be inputted by the user

Contributor: Joreson Mark Biag

Project 3

Title: TV show recommendation system

Description: a detailed show library that has cognitive system that recommends more shows based on what the user has input and

Contributor: Dan Hebron Galano

Project 4

Title: budget maker with cognitive system

Description: a system that gives the user a budget to follow and recommends the user other options for the user

Contributor: Cedric Joel Cayaban

Project 5

Title: Digital Therapist

Description: a chatting system that is focused on mental health somewhat akin to a therapist that users can chat for their mental health

Contributor: Joreson Mark Biag

Project 6

Title: Business Strategist

Description: a system with predictive analysis and data analytics that gives advice and possible outcomes based from a business proposal or decision depending on the current business status

Contributor: Dan and Cedric

Project Deliverable 2

Requirements Elicitation

Good day, I am [name] a student working on the IT capstone inventory system project. Thank you for taking the time to participate in our project today. I'm looking forward to speaking with you! We want to better understand your motivation for sharing your thoughts today.

Objectives:
To develop an inventory management system for capstone projects.

Department could share this survey with the team members or other stakeholders who can provide valuable input.

Objectives:
To help us understand the needs and requirements of the users.

To help us understand the needs and requirements of the users.

We are currently working on a Capstone Project Management System.

October 9, 2023

To: Mr. Frederick F. Patacsil
College of Computing
Information Technology
Pangasinan State University

Subject: Survey questionnaire

Dear Sir/Madam,

We hope you are doing well. We are conducting a survey for our Capstone Project Management System. We would appreciate your participation in this survey.

We have developed this system to facilitate the management of capstone projects. We believe it will greatly improve the efficiency and effectiveness of the process.

We hope you will take the time to complete this survey. Your feedback is invaluable to us as we continue to refine and improve our system.

Thank you for your time and cooperation.

Sincerely,

Mr. Frederick F. Patacsil
College of Computing
Pangasinan State University

Survey questionnaire

1. How would you prefer to access and use an inventory management system for capstone projects?
choices:
 Web application
 Mobile application

2. Would you prefer a system for capstone project inventory in order for you to check previously approved capstone projects?
choices:
 Very Likely
 Likely
 Neutral
 Unlikely
 Very Unlikely

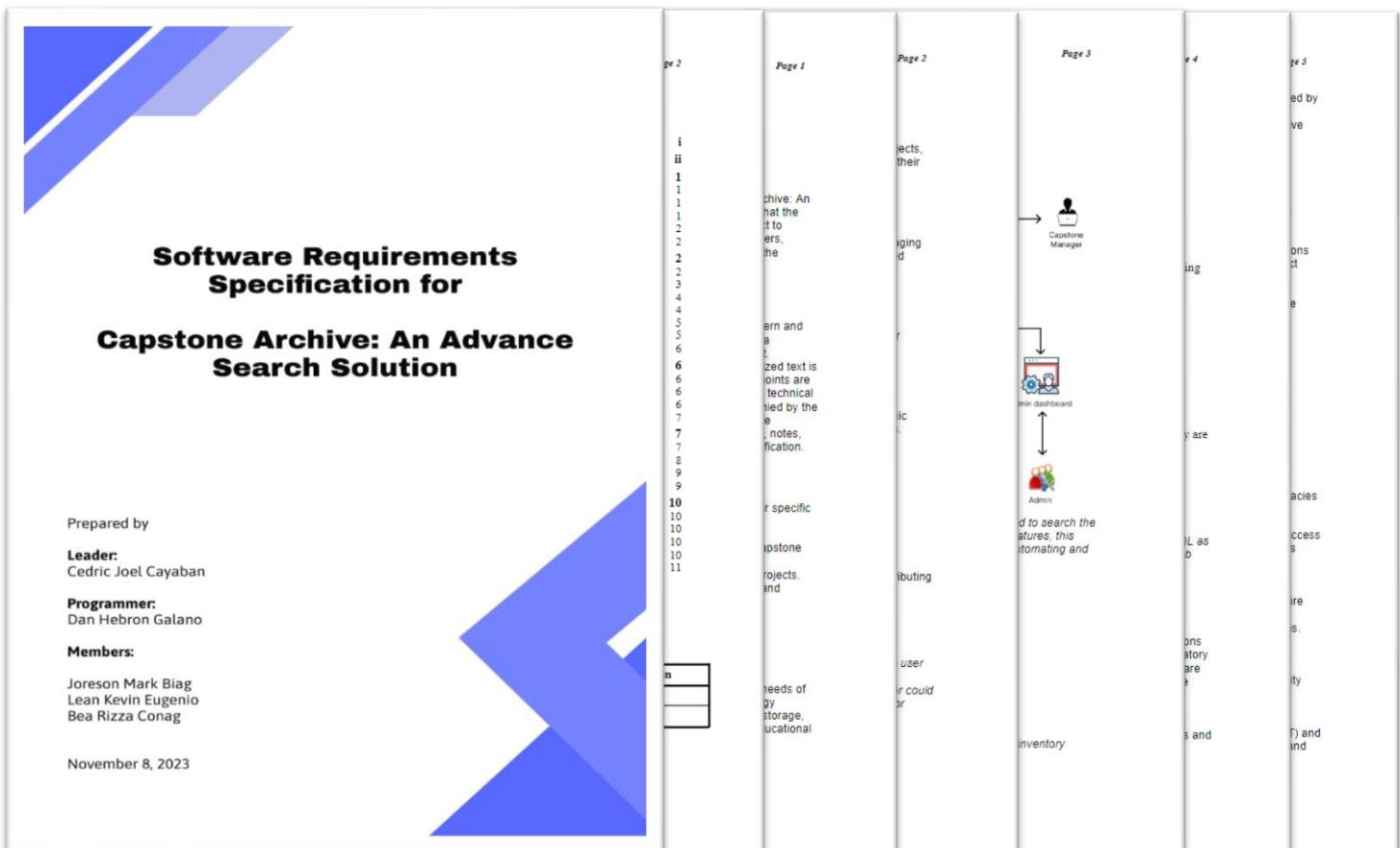
3. How concerned are you about the accuracy of the prediction of the approval rate of panelists?
choices:
 Very Concerned
 Concerned
 Not Concerned

4. Do you have any concerns about the privacy and ownership of your capstone projects or research papers within the system, especially if you collaborate with others?
choices:
 Yes
 No
 Maybe

5. Any final thoughts, suggestions, or additional requirements you would like to share about the study -- Capstone Archive: An Advanced Search Solution?
(open-ended question)

Project Deliverable 3

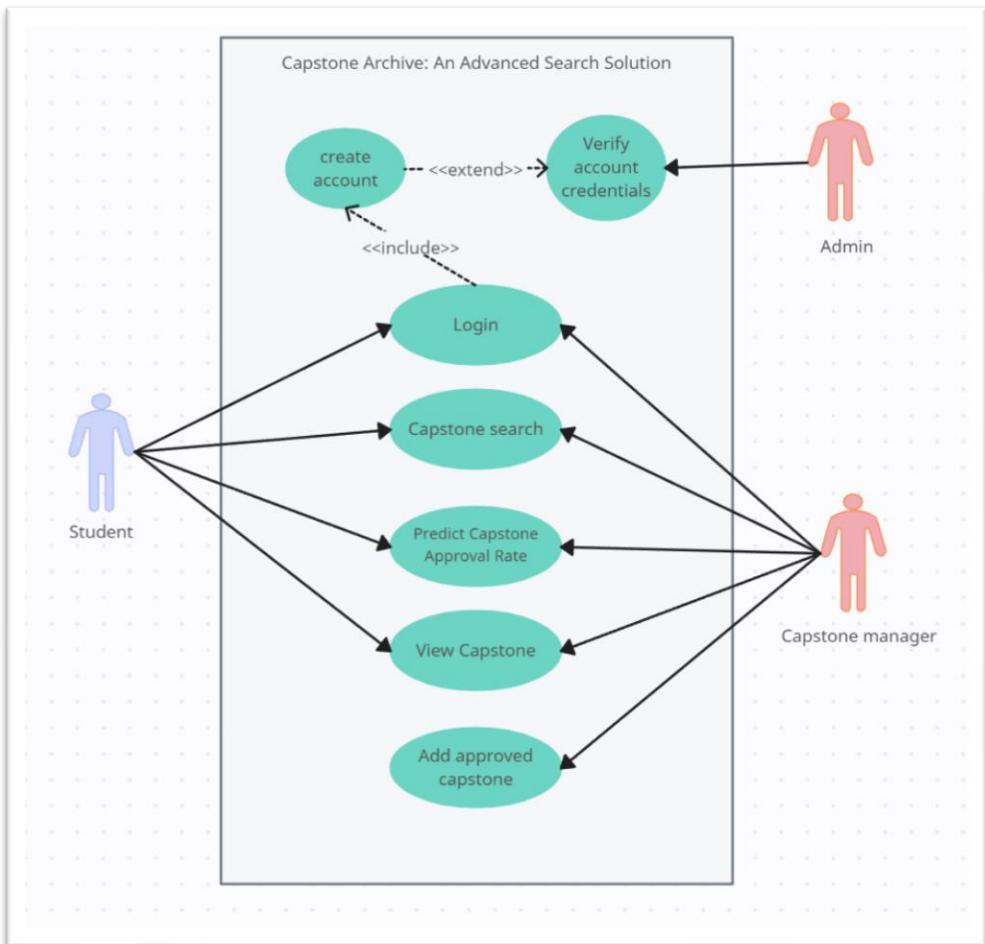
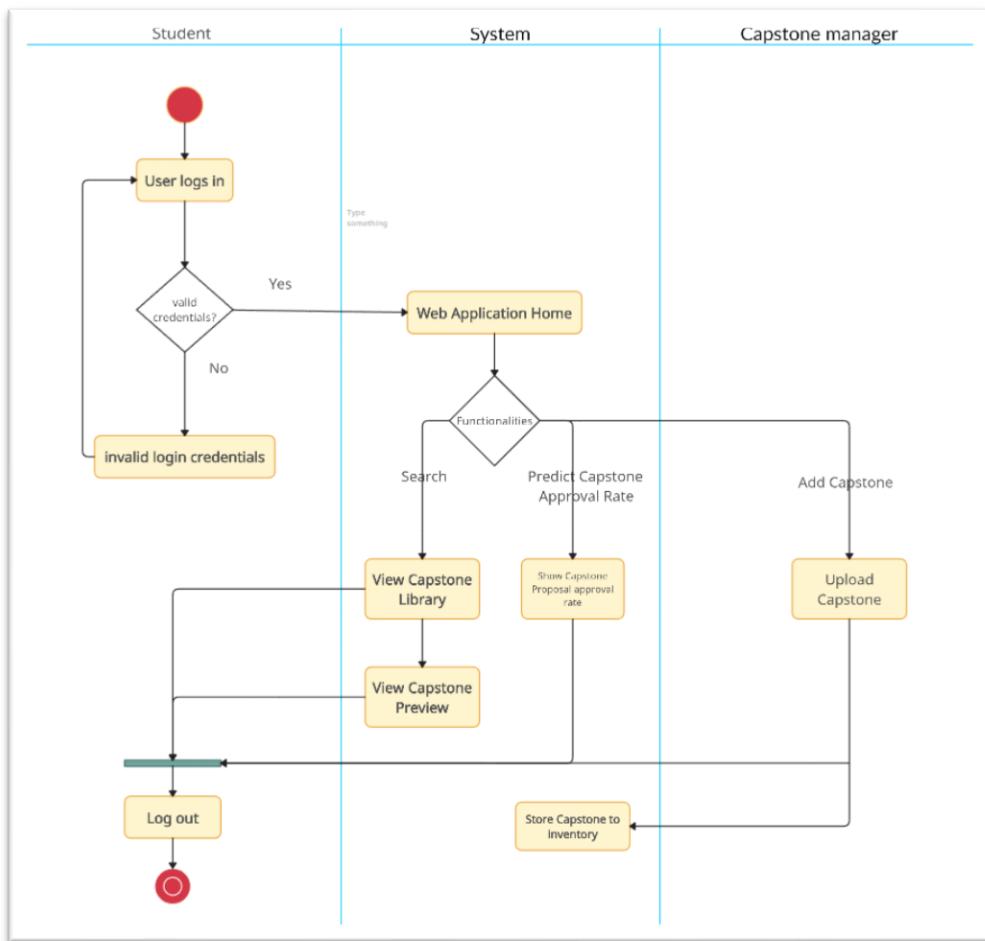
Requirements Specification



Software Requirements	Software Requirements	Software Requirements	Software Requirements	Software Requirements	Software Requirements Specification for Capstone Archive: An advanced Search solution	Page 6
Accuracy. The system must predict the outcome of a project based on the user's input.	Requirement 13: The system must predict the outcome of a project based on the user's input.	4.3 Predict Capstone Projects	5. System must credit the user for successful uploads.	• Application system	• Regulatory Compliance: Compliance with data privacy and security regulations is a critical dependency. Any changes or updates to these regulations may necessitate adjustments to the system.	
5.5 Business Logic: User accounts are created and managed by the system.	This part describes how well the system performs in different scenarios.	4.3.1 Description: This requirement allows the system to store and retrieve capstone projects.	6. System must successfully upload files.	b. Web Application	• System Maintenance and Upkeep: The long-term success of the project is contingent on the ongoing maintenance and support of the Capstone Archive system. This may involve post-launch bug fixes, updates, and enhancements.	
Capstone Project approval rate is determined by the number of projects uploaded.	This part describes how well the system performs in different scenarios.	4.3.2 Stimulus / Response: Requirement 1: The user clicks on a project link. Requirement 2: The system will display the project details. Requirement 3: The user uploads a file. Requirement 4: The system will store the file.	4.1.3 Functional Requirement:	• If the application is built using PHP.		
Adding of new projects to the system and maintaining the system.	5. Other Requirements:	4.3.3 Functional Requirements:	4.2 Search Functionality:	3.4 Configuration:	3. External Interface Requirements	
The system must initiate a search process when a user enters a query.	This part describes how well the system performs in different scenarios.	Requirement 9: The system must store the uploaded file in the capstone inventory.	4.2.1 Definition:	a. Internet Connection	3.1 User Interfaces	
The system must upload their capstone projects to the system.	Requirement 10: The system must upload their capstone projects to the system.	Requirement 10: The system must store the uploaded file in the capstone inventory.	4.2.2 Search Functionality:	• The system should provide a user-friendly web interface accessible from common web browsers (e.g., Chrome, Firefox, Edge).	a. Web Application Interface:	
5.2 Safety:	5.1 Performance:	Requirement 11: The system must store the uploaded file in the capstone inventory.	4.2.3 Functional Requirements:	• Users should be able to log in using their credentials to access the system.	• Users should be able to register.	
The system should not harm the system.	The system must initiate a search process when a user enters a query.	Priority Level: High	4.4 Add Approval:	• Security: The system should use secure transmission protocols (e.g., SSL/TLS) to protect sensitive data.	• Users should have the ability to search for capstone projects.	
Usability. The system must be accessible and performant.	Requirement 12: The system must initiate a search process when a user enters a query.	4.4.1 Description: This requirement will allow the system to store the uploaded file in the capstone inventory.	4.4.2 Stimulus / Response:	• The system should be able to view only the capstone.	• Users should be able to use the approval rate to get the percentage of the approval rate of the capstone.	
Scalability. The system must handle a large number of capstone projects.		Requirement 13: The system must initiate a search process when a user enters a query.	4.4.3 Functional Requirements:	• The system should be able to upload new capstone projects.	• Capstone managers should be able to upload new capstone projects.	
Maintainability. The system must be easily maintainable.		Requirement 14: The system must initiate a search process when a user enters a query.		• The interface should be intuitive and responsive for a seamless user experience.		

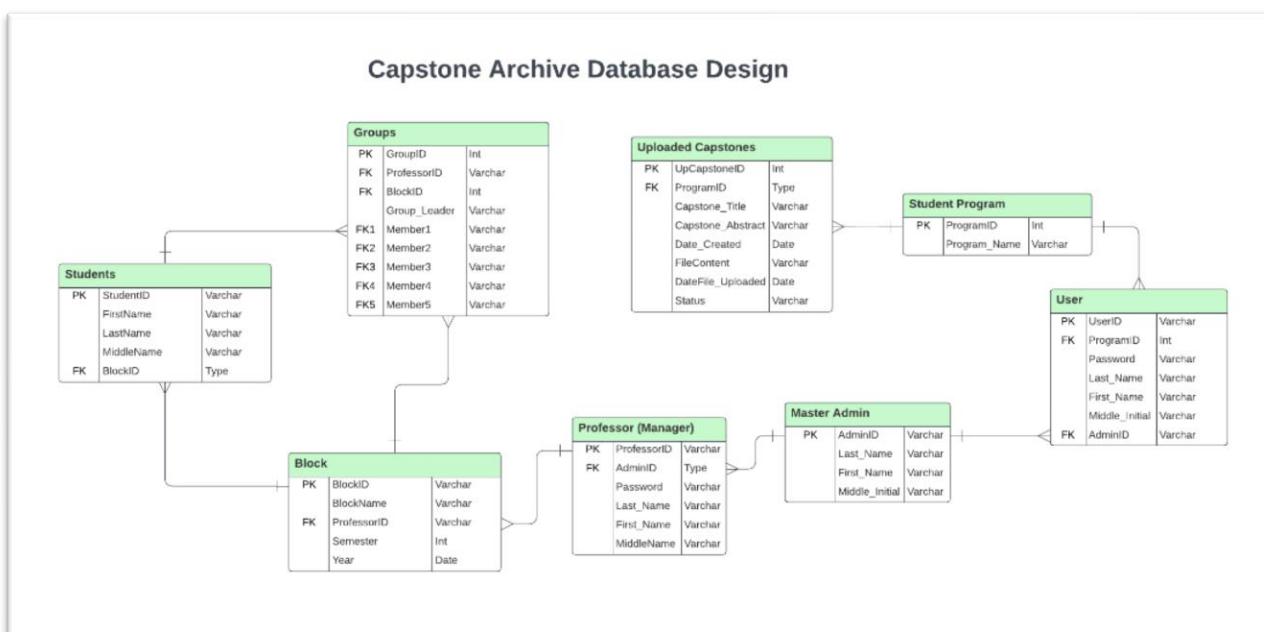
Project Deliverable 4

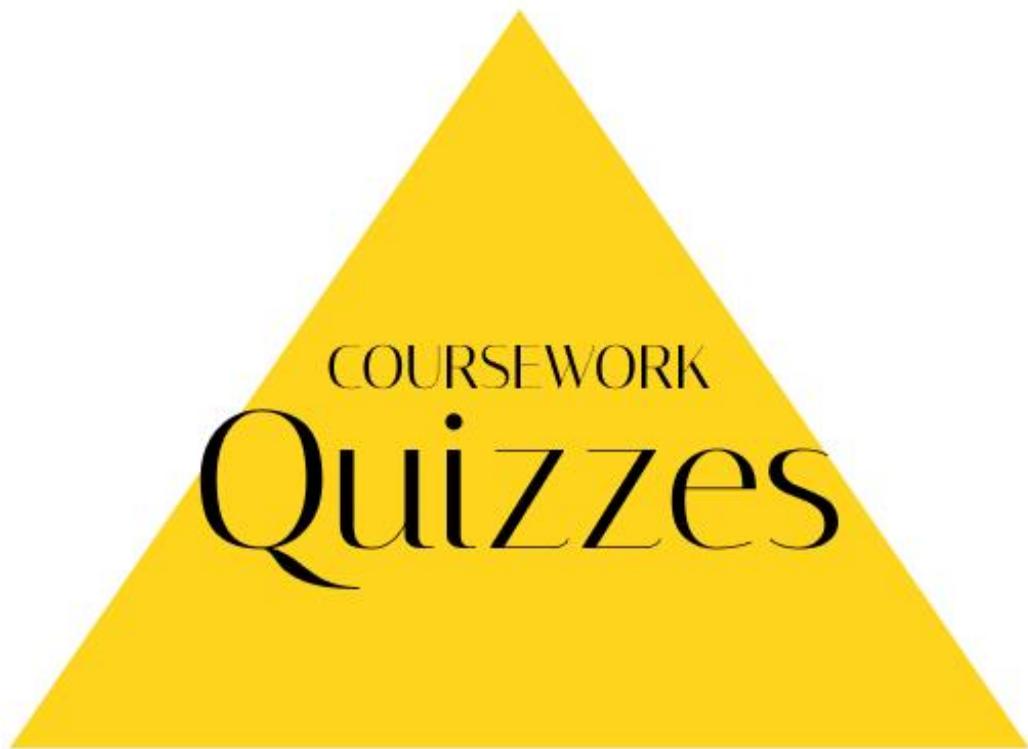
System Modeling



Project Deliverable 5

Software Design





COURSEWORK

Quizzes

Quiz 1

< Back

Returned Thu, Sep 14, 10:38 AM

CC 106 Midterm Quiz 1

Due September 14, 2023 10:35 AM • Closes September 14, 2023 10:35 AM

Points

11.5 / 25

Instructions
None

My work
None

Quiz 2

Pangasinan State University Urdaneta City, Pangasinan	CC 106 APPLICATION DEVELOPMENT AND EMERGING TECHNOLOGIES
Name: BIAG, JERSON MARK S.	Date: OCT 2, 2022
Block: QSIIT - 3A	Score: 11.5 / 25
MIDTERM QUIZ 2	
GENERAL INSTRUCTIONS: Use UPPERCASE letters – strictly no erasures.	
PART 1: Identify the following statements.	
PRINCIPLES	① They are used to describe the dynamic behavior of an executing system.
CONTEXT MODEL	② They are used to illustrate the operational context of a system – they show what lies outside the system boundaries.
REQUIREMENTS	③ These are specific statements that define what a software system should do and how it should behave.
BEHAVIORAL MODEL	④ They are used to describe the interactions between the system and its environment or between the components of the system.
PROCESS MODELLING	⑤ It is an abstract view of a system that deliberately ignores some system details.
NARRATIVE REQUIREMENTS	⑥ How many diagram types were initially introduced with UML?
SYSTEM REQUIREMENTS	⑦ These are overall qualities and constraints that define how a software system should behave.
REQUIREMENTS VALIDATION	⑧ It is the process of examining the requirements to identify their feasibility, completeness, consistency, and ambiguity.
INTERACTION MODEL	⑨ It is the process of gathering requirements from stakeholders, including users, customers, and domain experts.
REQUIREMENTS MANAGEMENT	⑩ It is the process of tracking and managing changes to the requirements throughout the system development lifecycle.
REQUIREMENTS DOCUMENTATION	⑪ It is the process of documenting the requirements in a clear and concise manner using a formal notation.
REQUIREMENTS VALIDATION	⑫ It is the process of checking the requirements to ensure that they meet the needs of the stakeholders, and that the system can be implemented to meet them.
REQUIREMENTS ENGINEERING	⑬ It is a systematic process to define what a system or product needs to do, making sure it meets user expectations and constraints.

REQUIREMENTS ANALYSIS	⑮ It is a document that outlines the detailed specifications, functional and non-functional requirements, and constraints of a software project.
STRUCTURE MODEL	⑯ They are used to show the organization and architecture of a system.
UML	⑰ It is the process of developing abstract models of a system.
REQUIREMENTS SPECIFICATION	⑱ These are technical specifications for how to implement a system to meet user needs.
FUNCTIONAL REQUIREMENTS	⑲ It is a standard notation for modeling the structure, behavior, and interactions of software systems.
USER REQUIREMENTS	⑳ These are what users need or want from a system, in plain language, without technical details.
Part 2: Identify the five most popular UML diagram types (mark one).	
1. CLASS DIAGRAM	A. USE CASE DIAGRAM
2. ACTIVITY DIAGRAM	B. SEQUENCE DIAGRAM
3. STATE MACHINE DIAGRAM	C. SWIMMING POOL DIAGRAM
Part 3: Create a single user requirement and formulate four system requirements for a mobile enrollment application centered on subject management, using the provided interviewee response as a foundation.	
Interviewee Response "In the mobile enrollment application, I believe it's crucial to provide a user-friendly interface that allows students to manage their subjects easily. Student users should be able to add, change, and drop subjects seamlessly."	
User Requirement	SCHOOL USER ALLOWS TO ADD, CHANGE AND DROP SUBJECTS EASILY. STUDENT USER ALLOWS TO MANAGE THEIR SUBJECTS...
System Requirements	
1. THE MOBILE ENROLLMENT APP MUST BE ABLE TO MANAGE THEIR SUBJECTS EASILY.	
2. THE MOBILE ENROLLMENT APP MUST BE ABLE TO UPDATE WHAT THE USER CHANGED IN SUBJECT.	
3. THE APP MUST BE ABLE TO DISPLAY THE SCHEDULE OF STUDENT	
4. THE APP MUST BE ABLE TO STORE THE DATA OF STUDENT	

Quiz Finale term Long Quiz

[Back](#)

 [Returned Thu, Dec 14, 3:21 PM](#)

CC 106 Finalterm Long Quiz

Due December 14, 2023 3:30 PM • Closes December 14, 2023 3:30 PM

Points

18 / 40

Instructions

For posting of scores only.

My work

None



COURSEWORK

Examination

Midterm Examination

CC 106 APPLICATION DEVELOPMENT AND EMERGING TECHNOLOGIES			
Name: BING, JORESON MARK B.	Date:	(2010)	
Block: BSIT 3A	Score:		
MIDTERM EXAMINATION (LECTURE)			
General Instructions – Follow the instructions correctly; read the questions carefully and answer honestly. STRICTLY NO ERASURES ALLOWED. TYPE ALL ANSWERS IN UPPERCASE.			
PART 1: IDENTIFICATION (15 points)			
INSTRUCTION: Identify the following statements.			
APPLICATION	1. It is a type of program designed to perform specific functions or tasks for end-users.		
SOFTWARE PROCESS	2. It is a process of designing, creating, and programming software applications that address specific user needs or solve particular problems.		
EMERGING TECHNOLOGY	3. It is a new or developing technology that have the potential to change the way we live and work.		
INCREMENTAL MODEL	4. It is a software development approach where a complex system is built in successive stages or iterations.		
SOFTWARE REQUIREMENTS ELICITATION	5. It was a period of global transition of human economy towards more efficient and stable manufacturing processes.		
SOFTWARE DEVELOPMENT	6. It is a process of collaboratively interacting with stakeholders to comprehend their needs, expectations, and desired functionalities for a software system.		
REQUIREMENTS ENGINEERING	7. It is a collection of computer programs, data, and instructions that enable a computer system to perform tasks and operations.		
SYSTEM MODEL	8. It is a multi-stage process that involves both software design and software implementation as integral components.		
SYSTEM REQUIREMENTS	9. It is an engineering discipline that is concerned with all aspects of software production.		
USER REQUIREMENTS	10. It is a set of related activities that leads to the production of a software system.		
	11. It is an official statement outlining what system developers should implement.		
	12. It is a process of identifying and defining the desired functionalities and constraints of a software system to be developed.		
	13. It is the process of developing abstract models of a system, with each model presenting a different view or perspective of that system.		
	14. They define what the system must do to achieve this.		
	15. They define the results and qualities the user wants.		
PART 2: FUNCTIONAL OR NON-FUNCTIONAL (10 points)			
INSTRUCTIONS: Identify whether each requirement is a functional or non-functional requirement.			
FUNCTIONAL	16. The system must allow users to create and edit accounts.		
FUNCTIONAL	17. The system must allow users to search for products and services.		
FUNCTIONAL	18. The system must allow users to add items to their shopping cart and purchase them.		
NON-FUNCTIONAL	19. The system must be able to recover from a failure within 5 minutes.		
FUNCTIONAL	20. The system must be able to support multiple languages.		
NON-FUNCTIONAL	21. The system must be available 99.9% of the time.		
NON-FUNCTIONAL	22. The system must be scalable to support future growth.		
NON-FUNCTIONAL	23. The system must be secure from unauthorized access.		
NON-FUNCTIONAL	24. The system must be well-documented.		
FUNCTIONAL	25. The system must generate reports on sales and inventory.		

PART 3: SYSTEM MODELLING (10 points)			
INSTRUCTION: Generate a use case diagram for the given project.			
<p>Project description: Develop a library management system that will allow users to search for books, check out books, and return books. The system should also allow librarians to add new books, update book information, and generate reports.</p> <p>DORIAN</p> <p>USER NEEDS:</p> <ul style="list-style-type: none"> - USER MUST BE ABLE TO LOG IN USING EMAIL AND PASSWORD - LIBRARIAN MUST ALLOW TO ADD NEW BOOKS - USER MUST BE ABLE TO SEARCH BOOKS HE/ SHE WANTS. - USER MUST NOT ABLE TO CHECKOUT BOOKS. <p>Alternative:</p> <ul style="list-style-type: none"> - USER MUST BE ABLE TO CLICK THROUGH PASSWORD OR HE/SHE FORGET HIS/HER EMAIL AND OR PASSWORD 			
PART 4: ENUMERATION (20 points)			
INSTRUCTION: List or enumerate what is being asked on each of the following items.			
Five (5) characteristics of emerging technologies	39. QUANTUM COMPUTING		
	40. BLOCKCHAIN TECHNOLOGY		
	41. CLOUD COMPUTING		
	42. COGNITIVE COMPUTING		
	43. AI AND IOT AND SMART DEVICES		
Five (5) requirements engineering processes	44. REQUIREMENTS ELICITATION		
	45. REQUIREMENTS ANALYSIS		
	46. REQUIREMENTS SPECIFICATION		
	47. REQUIREMENTS VALIDATION		
	48. REQUIREMENTS MANAGEMENT		
Five (5) UML diagram types under structural category of diagrams	49. OBJECT DIAGRAM		
	50. CLASS DIAGRAM		
	51. PROFILE DIAGRAM		
	52. PACKAGE DIAGRAM		
	53. DEPLOYMENT DIAGRAM		
PART 5: BONUS QUESTION (5 points)			
Unleash your creativity! Write a pickup line, a joke, or draw a meme. If it makes the instructor smile, you could earn up to 5 bonus points. Humor is subjective, so think outside the box and ensure it's appropriate. Good luck, and have fun!			
<p>B - PLEASE BE MY IOT KASH?</p> <p>S - SISTER</p> <p>H - HONEST LAST NGA WAG NA MAMAHAYAG</p> <p>C - CHOCOLATE VA... HAHAMA</p> <p>L - CATOLIC</p>			
What (anything) would you like to say to your instructor as this semester continues?			
<p>SALAMAT SIR SA BAWA NG PAKAANGAS NG NAG-UUMIADAN NG PAGTUTUBO!! NAVAY MASARAP ANG ULAM NYO PARATI...</p> <p>AT LONGSLIVE IT SA INYO</p>			
Prepared: JOSHUA C. REYES Instructor	Reviewed/Checked: CHRISTINE LOURINE S. TABLATIN Program Chair	Noted: FREDERICK F. PATACSI College Dean	
MATATAG, PURSIGIDO. "Your progress still counts even if it is only visible to you. Keep going!"			

Final Term Project Presentation (Examination)

[Back](#)

 [Returned Wed, Dec 20, 11:03 AM](#)

CC 106 Finalterm Project Presentation (Examination)

Due December 22, 2023 11:59 PM • Closes December 22, 2023 11:59 PM

Points
45 / 100

Instructions

The project presentation serves as an opportunity for each group to showcase the development of their software system. Each group has proposed a project with at least five (5) app features and has been tasked with designing and implementing the software system. The presentation aims to demonstrate individual and group understanding, contributions, and the quality of the developed application.

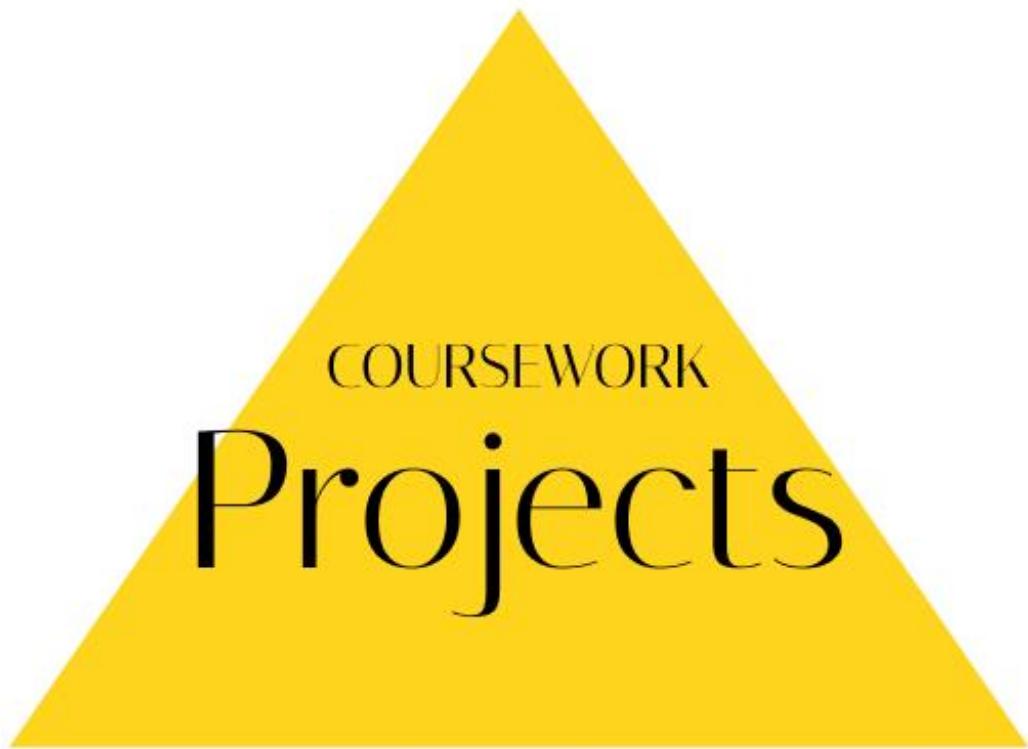
The project presentation instructions and guidelines are attached. Please read them carefully and ensure you understand all details.

Reference materials

 [CC 106 Project Presentation Instructions and Guidelines....](#) ...

My work

None



COURSEWORK

Projects

Final Term Project:

PANGASINAN STATE UNIVERSITY

USER LOGIN

ID Number
21-UR-0183

Password

PANGASINAN STATE UNIVERSITY

IT CAPSTONE PROJECT INVENTORY

Home Checker

Any time Since 2024

Enter Title

PANGASINAN STATE UNIVERSITY

IT CAPSTONE PROJECT INVENTORY

Home Checker

PANGASINAN STATE UNIVERSITY

IT CAPSTONE PROJECT INVENTORY

Class Submission Inventory Archive

Capstone Project (Classes)

4A 2023

4C 2022

4D 2024

3F 2024

Create Class

BSIT 4A

1st Semester A.Y. 2023

Add members to this class

Delete Class

PANGASINAN STATE UNIVERSITY

IT CAPSTONE PROJECT INVENTORY

Class Submission Inventory Archive

ID	Title	Date Created	File Name	Date File Uploaded	Action

PANGASINAN STATE UNIVERSITY

IT CAPSTONE PROJECT INVENTORY

Users Managers Inventory Archive

Professor ID Password Last Name First Name Middle Name Action

Professor ID	Password	Last Name	First Name	Middle Name	Action
prof2023_01	prof1	Doe	Johnny	Alpha	Edit Delete
prof2023_02	prof2	Bryant	Kobe	Bean	Edit Delete
prof2023_03	prof3	Cayaban	Joreson Mark	Banga	Edit Delete



Class Participation

Class Participation: Recitation

[Back](#)

[Returned Sat, Dec 9, 11:17 AM](#)

Class Participation: Recitation

Due December 6, 2023 4:30 PM • Closes December 6, 2023 4:30 PM

Points

5 / 10

Instructions

None

My work

None

Class Participation: Faculty Performance Evaluation

[Menu](#) [Log Out](#)

Faculty Performance Evaluation

Current School Year:

2023 - 2024

Current School Year of enrollment defined in CampusNet System Options.

Current Semester:

1st Semester

Current School term of enrollment defined in CampusNet System Options.

Student Name:

BIAG, JORESON MARK B.

Course / Year Level :

Bachelor of Science in Information Technology
/ Third Year

Welcome back, PSUNian! We would love to hear from you.

In the University's effort to uphold its commitment towards improvement of instructional delivery, we are asking

for your time to accomplish the faculty evaluation for all your instructors in the subjects taken during the 1st Semester of SY 2023-2024.

Wishing you all the best of luck as you enter the next semester.

Schedule Details

CLASS CODE	SUBJECT	SUBJECT DESCRIPTION	FACULTY	STATUS
10090	URD_IM102_IT	Information Management 2(Advance Database System)	LAPITAN, BRIAN B.	EVALUATED
10091	URD_CC106_IT	Application Development and Emerging Technologies	Reyes, Joshua C.	EVALUATED
10092	URD_NET102_IT	Networking 2(Advance Networking)	COZ, Ezralyn L.	EVALUATED
10093	URD_MS102_IT	Quantitative Methods	BROSAS, MONICA B.	EVALUATED
10095	URD_SP101_IT	Social and Professional Issues	Esteves, Kathleen Jane G.	EVALUATED
10096	URD_WS101_IT	Web Systems and Technologies 1	ACOSTA, MICHAEL E.	EVALUATED
10097	URD_MD101_IT	Mobile Application Development 1	TAMAYO, ARNI-RIE F.	EVALUATED



Classroom Assessment Grade Posting



Grade Posting

The screenshot shows a digital grade book interface. On the left, there's a sidebar with navigation links: 'All teams', 'Home page', 'Class Notebook', 'Classwork', 'Assignments' (which is highlighted), 'Grades', and 'Reflect'. Below that is a 'Channels' section with 'General Meetings' and 'Notices'. The main area is titled 'Grades' and lists assignments with their due dates, descriptions, status, feedback, and grades.

Due date ▲	Assignment ▼	Status ▼	Feedback	Grade ▼
Today	Student Portfolio	🕒 Viewed		No points
Dec 22, 2023	CC 106 Finalterm Project Presentation (...)	🕒 Returned		45/100
Dec 20, 2023	CC 106 Finalterm Project	🕒 Returned		11/100
Dec 14, 2023	CC 106 Finalterm Long Quiz	🕒 Returned		18/40
Dec 13, 2023	CC 106 Project Deliverable 5 Software D...	🕒 Returned		38/65
Dec 7, 2023	Class Participation: Faculty Performance ...	🕒 Returned		10/10
Dec 6, 2023	Class Participation: Recitation	🕒 Returned		5/10
Nov 8, 2023	CC 106 Project Deliverable 3 Requireme...	🕒 Returned		31/35
Nov 6, 2023	CC 106 Project Deliverable 4 System Mo...	🕒 Returned		30/55
Nov 6, 2023	CC 106 Project Deliverable 2 Requireme...	🕒 Returned		49/60
Oct 23, 2023	CC 106 Midterm Quiz 2	🕒 Returned		14/30
Oct 23, 2023	CC 106 Midterm Exam (Lecture)	🕒 Returned		30/50
Sep 14, 2023	CC 106 Midterm Quiz 1	🕒 Returned		11.5/25
Sep 11, 2023	CC 106 Project Deliverable 1 Project Ideas	🕒 Returned		0/10