

# STUDENT COURSE PORTFOLIO

CCS105 – Human Computer Interaction

A.Y. 2022 – 2023 / 2<sup>nd</sup> SEMESTER

Asst. Prof. Evangelina A. Magaling

Name: Kian Andrei L. Miranda

1IT-D





Republic of the Philippines  
**University of Cabuyao**  
(Pamantasan ng cabuyao)  
**COLLEGE OF COMPUTING STUDIES**



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025

## Table of Content

- I. Vision/Mission of UC (PnC)
- II. PEOs of the Program
- III. SOs addressed by the course.
- IV. OBTLTP or Courses Syllabi/Outline
- V. Answered Prelim Assessment Tasks (lecture/lab)
- VI. Learning Reflection
- VII. Answered Midterm Assessment Tasks (lecture/lab)
- VIII. Learning Reflection
- IX. Answered Finals Assessment Tasks (lecture/lab)
- X. Learning Reflection
- XI. Overall Course Learning Reflection
- XII. Suggestions/Recommendation



Republic of the Philippines

**University of Cabuyao**

(Pamantasan ng cabuyao)

**COLLEGE OF COMPUTING STUDIES**

Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025



# VISION

**A premier institution of higher learning in Region IV,  
developing globally competitive and value-laden  
professionals and leaders instrumental to community  
development and nation-building.**

# MISSION

**As an institution of higher learning, UC (PnC) is  
committed to equip individuals with knowledge, skills,  
and values that will enable them to achieve their  
professional goals & provide leadership and service  
for national development.**



Republic of the Philippines

# University of Cabuyao

(Pamantasan ng cabuyao)

***COLLEGE OF COMPUTING STUDIES***



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025



Republic of the Philippines

# University of Cabuyao

(Pamantasan ng cabuyao)

***COLLEGE OF COMPUTING STUDIES***



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025



Republic of the Philippines

# University of Cabuyao

(Pamantasan ng cabuyao)

***COLLEGE OF COMPUTING STUDIES***



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025



Republic of the Philippines

**University of Cabuyao**

(Pamantasan ng cabuyao)

***COLLEGE OF COMPUTING STUDIES***



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025

# PRELIMINARY



Republic of the Philippines  
**University of Cabuyao**  
(Pamantasan ng cabuyao)  
**COLLEGE OF COMPUTING STUDIES**



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025

We had four activities, Poor and Bad Design, Creating a simple Logo with figma, By group insights, and Color and Text Styles in Figma, and we had a two quiz that covered the prelim lesson and then prelim examination.

### **ACTIVITY 1: Poor and Bad Design**

Your Grade

**60 / 100**  
60.00 %

Record ID #0001572-2203325-0001607

In our first activity, I only got 60 points, which is low for me, so I need to improve on the next one, but it was fun because we did a drawing.

### **ACTIVITY 2: Creating a simple Logo with Figma**

Your Grade

**90 / 100**  
90.00 %

Record ID #0005798-2203325-0035204

Our second activity is by group, and we got a 90/100 score, so we are happy because our cooperation was not wasted, and we are also happy to make a logo.





Republic of the Philippines  
**University of Cabuyao**  
(Pamantasan ng cabuyao)  
**COLLEGE OF COMPUTING STUDIES**



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025

### **ACTIVITY 3: By Group insights**

Your Grade

**84 / 100**

84.00 %

Record ID #0009323-2203325-0079660

this is also by group and our cooperation was also not wasted and we are starting to know each other so that we can organize our work better

### **ACTIVITY 4: Color and Text Styles in Figma**

Your Grade

**75 / 100**

75.00 %

Record ID #0014579-2203325-0177000

here our score dropped a bit and that's okay because the score is not always high and here we will learn what else needs to be improved to make our work even better



Republic of the Philippines  
**University of Cabuyao**  
(Pamantasan ng cabuyao)  
**COLLEGE OF COMPUTING STUDIES**



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025

## QUIZ 1: Part 1

Your Score

**23 / 35**

65.71 %

*Started: February 21, 2023 @ 9:11 AM*

*Finished: February 21, 2023 @ 9:35 AM*

Record ID #0009151-2203325-0078860

This is our first quiz in class and I got a score of 23 and it is neither high nor low so I still need to review the next quizzes we will take.

## QUIZ 1: Part 2

Your Score

**19 / 30**

63.33 %

*Started: February 21, 2023 @ 9:41 AM*

*Finished: February 21, 2023 @ 10:05 AM*

Record ID #0009152-2203325-0079182

here's the second quiz, the score I got was just right, so I still need to review it to get a high score



Republic of the Philippines  
**University of Cabuyao**  
(Pamantasan ng cabuyao)  
**COLLEGE OF COMPUTING STUDIES**



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025

## **PRELIM: EXAMINATION**

Your Score

**54 / 70**

77.14 %

*Started: March 2, 2023 @ 9:30 AM*

*Finished: March 2, 2023 @ 11:04 AM*

Record ID #0011349-2203325-0131079

This is our prelim examination and I am happy because my score was not a failure and I am happy because the review was not wasted.



Republic of the Philippines

**University of Cabuyao**

(Pamantasan ng cabuyao)

**COLLEGE OF COMPUTING STUDIES**

Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025



## **PRELIM LEARNING REFLECTION**

The intensive and demanding nature of this time is brought to memory as I think back on my prelim experience. It was a period of academic difficulty, personal development, and priceless learning. The prelim period was a transforming moment that put my academic prowess, fortitude, and time management talents to the test. It showed me the value of tenacity, teamwork, introspection, and preserving a proper balance. My academic trajectory and beyond will be guided by the lessons I learnt throughout the prelim period, preparing me for upcoming possibilities and challenges.



Republic of the Philippines

**University of Cabuyao**

(Pamantasan ng cabuyao)

***COLLEGE OF COMPUTING STUDIES***



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025

# MIDTERM



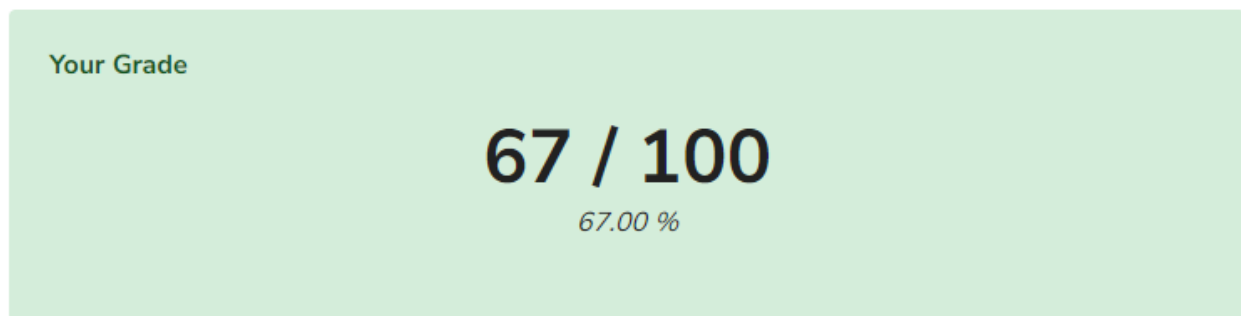
Republic of the Philippines  
**University of Cabuyao**  
(Pamantasan ng cabuyao)  
**COLLEGE OF COMPUTING STUDIES**



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025

In the midterm, we have five activities: the persona app, heuristics evaluation, introduction to layout, wireframe design, and video presentation with rubric. We also have a quiz and midterm exam that cover all the lessons.

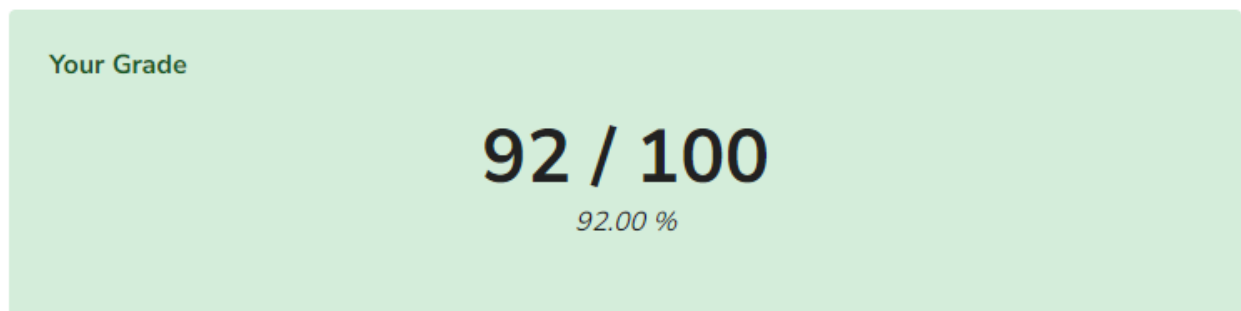
### **ACTIVITY 1: The Persona App**



Record ID #0017758-2203325-0224680

This is our first activity in the midterm, and we are happy doing it even though the score is not quite high. The important thing is that we are learning.

### **ACTIVITY 2: Heuristics Evaluation**



Record ID #0016671-2203325-0222985

This is our second activity, and we are happy because we got a high score. We are happy doing it, and in the next activities we will improve even more.



Republic of the Philippines  
**University of Cabuyao**  
(Pamantasan ng cabuyao)  
**COLLEGE OF COMPUTING STUDIES**



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025

### **ACTIVITY 3: Introduction to Layout**

Your Grade

**90 / 100**

90.00 %

Record ID #0018739-2203325-0238720

This is our third activity, and we are still happy because the efforts we are making are paying off, and we will do our best to learn and improve.

### **ACTIVITY 4: Wireframe Design**

Your Grade

**80 / 100**

80.00 %

Record ID #0020859-2203325-0274597

This is the fourth activity and we are still happy because we get high scores and we enjoy doing it and learning something.




Republic of the Philippines  
**University of Cabuyao**  
(Pamantasan ng cabuyao)  
**COLLEGE OF COMPUTING STUDIES**



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025

## ACTIVITY 5: Video Presentation with Rubric

 **Midterm Lab Examination with Video Presentation and Rubric**  
Midterm Activity

Due: April 4, 2023 @ 11:59 am

Evangelina Amparo Magaling  
Posted 1 month ago

This is our last activity, and we don't have a score because we used Google Drive to pass our activity. I hope our score is high even if we don't see you.

## QUIZ 1: Midterm

Your Score

**34 / 50**  
68.00 %

Started: March 28, 2023 @ 9:21 AM

Finished: March 28, 2023 @ 9:50 AM

Record ID #0019687-2203325-0253955

This is one of our midterm quizzes, and I'm happy with the score I got. I was at the checkup when I took it, and I'm happy with the score I got even though it was a bit rushed.





Republic of the Philippines

**University of Cabuyao**

(Pamantasan ng cabuyao)

**COLLEGE OF COMPUTING STUDIES**

Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025



## MIDTERM: EXAMINATION

Republic of the Philippines  
**University of Cabuyao**  
(PAMANTASAN NG CABUYAO)  
**COLLEGE OF COMPUTING STUDIES**  
Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025

**MIDTERM EXAMINATION**  
CCS105 – Human Computer Interaction  
Semester & School Year: 2<sup>nd</sup> 2022-2023

NAME: Kian Andrei L. Miranda SCORE: 22  
STUDENT NUMBER: 2205525 SECTION: 111-D  
NAME OF FACULTY: FE Hablaniza

**EXAM POLICY:** Unauthorized materials including but not limited to lecture notes, books, and electronic devices must be placed inside your bag. Strictly follow all the instructions for each part of the exam. Write your answers using a permanent pen. Failure to comply with these policies may result to a grade of zero for this exam as deemed appropriate by your professor.

**I. True or False.** Write the word **TRUE** if the statement is correct, otherwise, write the word **FALSE**. (2 pts. each). Write your answers on the **ANSWER SHEET** provided.

- Usability Engineering is the way of evaluating user interfaces including but not limited to the following steps: gathering information through a variety of techniques in a controlled environment, such as experiments that adhere to fundamental experimental design, observation, interviews, and questionnaires.
- An explanation of the task the user is supposed to do belongs to the Heuristic Evaluation of an interface.
- Empirical Methods include selecting the participants, testing and manipulating the variables, and evaluating the hypothesis.
- Variables are classified into those that can be altered and those that can be measured.
- It is impossible to measure the physiological changes of the users when they encounter the use of an interface.
- Goal-driven design is a type of design that prioritizes problem-solving above all else.
- Usability as defined by Nielsen is the attribute that describes how usable an interface is.
- An influencer is a fictitious representation of critical behavioral data that designers and stakeholders can comprehend, remember, and relate to.
- Products must elicit negative emotions and avoid positive ones.
- Instructing is when users engage in a conversation with a system.
- Architectural Design focuses on how the system delivers the services that are expected of it.
- Coding and Unit Testing is a refinement of the architectural design's component description.
- The majority of a product's lifetime is spent on Validation and Verification.
- A storyboard is a series of sketches that depict how a user might complete a task while using the product in development.
- Prototyping can be done in the following ways: Throw-away, Incremental and Evolutionary.
- Expert Review is a technique that involves comparing two versions of a design to determine which one is more usable.
- Task Completion Time measures the number of errors made by users during task execution.
- A design with a lower error rate is more usable.
- ISO 25010:2011 is an international standard for the ergonomics of human-computer interaction, including the usability of interactive systems.
- The use of a mental model as a principle of design allows user to be more comfortable with the use of the interface as it mimics how real-world objects work.
- Following the design principles in an interface, designing allows users to be comfortable quickly with the use of the system.

**II. Multiple Choice:** Read each question carefully and select the best answer from the options provided. Choose only one answer per question. Write the **letter** of your answer on the **ANSWER SHEET** provided.

1. Before beginning your client-based interface design project, you went to your prospect client to ask about their organization's processes, the competitors they have, and their stakeholders. Which part of the Goal-Directed Design Processes is this included?

A. Research      B. Modelling      C. Definition of Requirements      D. Framework Definition      E. Refinement

Page 1 of 9

*Dangal ng Bayan.*  
bringing pride and honor to the nation.

This is our first face-to-face exam, and we were all disappointed with the score we got because almost all of us failed. I reviewed it, but I still got a low score, maybe because of the noisy environment and the heat, so I was a little lost in the focus.



Republic of the Philippines

**University of Cabuyao**

(Pamantasan ng cabuyao)

**COLLEGE OF COMPUTING STUDIES**

Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025



## **MIDTERM LEARNING REFLECTION**

As I consider my experiences throughout the midterm period, I feel a feeling of development, advancement, and self-discovery. A key turning point in my academic career, the midterm period gave me the chance to assess my abilities, knowledge, and overall performance. I was able to assess my development during the midterm period, pinpoint areas for improvement, and recognize successes. It placed a strong emphasis on the value of flexibility, time management, seeking support, and personal development. With the help of these thoughts, I am better equipped to handle upcoming academic problems and keep moving forward in my learning and development.



Republic of the Philippines

**University of Cabuyao**

(Pamantasan ng cabuyao)

***COLLEGE OF COMPUTING STUDIES***



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025

**FINALS**



Republic of the Philippines

**University of Cabuyao**

(Pamantasan ng cabuyao)

**COLLEGE OF COMPUTING STUDIES**

Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025



This is our last semester, and we only have two activities, a quiz, and then the final exam. We finished all the lessons, and we have to give our best because it's our last.

### **ACTIVITY 1: HTA Proposed DP**

Your Grade

**85 / 100**

85.00 %

Record ID #0025482-2203325-0339176

This is our first act in the finals, and we are happy because we got a high score, and we want to finish because it is the last semester, so we need to give our best.

### **ACTIVITY 2: Universal Support And User Design**

Your Grade

**88 / 100**

88.00 %

Record ID #0027130-2203325-0363068

Here is our last activity, and we are happy that we finished this semester with a high score, finished it with cooperation, and learned something that we will use in the next few years.



Republic of the Philippines  
**University of Cabuyao**  
(Pamantasan ng cabuyao)  
**COLLEGE OF COMPUTING STUDIES**



Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025

## **QUIZ 1: Finals**

Your Score

**24 / 40**

60.00 %

*Started: May 16, 2023 @ 9:12 AM*

*Finished: May 16, 2023 @ 9:48 AM*

Record ID #0027140-2203325-0359539

This is our last quiz, and the score I got was not very good for me, but the important thing is that I learned something.

## **FINALS EXAMINATION**

**NO RESULT YET**

We don't have the results of the finals exam yet but I hope I can get a high score because I did a review and I prepared for the finals because it's the last so I have to give my best



Republic of the Philippines

**University of Cabuyao**

(Pamantasan ng cabuyao)

**COLLEGE OF COMPUTING STUDIES**

Katapatan Mutual Homes, Brgy. Banay-banay, City of Cabuyao, Laguna 4025



## **FINALS LEARNING REFLECTION**

A range of emotions fills my heart as I think back on my finals experience. My diligence, perseverance, and acquisition of information throughout the course of the semester culminated during finals week. The finals period was marked by intense attention, introspection, and personal development. It made me feel physically, mentally, and emotionally challenged. I learned the value of resilience, time management, self-care, teamwork, and reflection over the finals period. These lessons will continue to serve as a roadmap for me as I pursue academic goals and beyond, enabling me to tackle new difficulties with grit and a growth attitude.