

## College of Informatics and Computing Sciences

Name: \_\_\_\_\_ Section: \_\_\_\_\_

### IT 312: SYSTEM INTEGRATION AND ARCHITECTURE LABORATORY ACTIVITY - PROJECT PLANNING: COST MANAGEMENT

#### Objective:

The objective of this laboratory activity is to introduce the students to the fundamentals of cost management in system projects. Students will learn how to estimate, budget, and track project costs, which are essential skills for successful project management in the IT industry.

#### Instruction:

1. You will be grouped based on the groupings from your Final Project and assign a team leader.
2. Explain the importance of cost management in IT system projects. Discuss why accurate cost estimation, budgeting, and monitoring are critical for project success.
3. Each group can use their proposed topic and need to **estimate its project's cost** using a provided cost estimation template below. They should consider factors such as labor costs, hardware and software costs, third-party services, and any other relevant expenses.

Equipment	Description of Use	Number of Unit	Cost per Unit	Total Cost
PC	Used to program the system and this will operate the system.	3	30,000	90,000
Laptop	Also used to program the system and	3	50,000	150,000
Internet	To use for research and to download software and other tools for the program.	5	1,700	8,500
Ticket Dispenser	To issue parking tickets to incoming vehicles	1	3,000	3,000

<b>Electricity</b>	To operate the pc, laptop, internet and ticket dispenser.	<b>5</b>	<b>200</b>	<b>1,000/per month</b>
<b>Web Server</b>	To store the database of each vehicle	<b>1</b>	<b>1,000/per month</b>	<b>1,000/per month</b>

**Table 1**

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<b>Personnel</b>	<b>Designation</b>	<b>Monthly Wage</b>	<b>Total Wage (for the period of the project)</b>
<b>Arellano, John Lloyd M.</b>	<b>Front-End Developer, Project Manager</b>	<b>250,000</b>	<b>750,000</b>
<b>Catalo, Francis A.</b>	<b>UI/UX Designer</b>	<b>120,000</b>	<b>360,000</b>
<b>Hawak, Carl Jonel V.</b>	<b>Quality Assurance (QA)</b>	<b>120,000</b>	<b>360,000</b>
<b>Lagunsing, John Carlo M.</b>	<b>Back-End Developer</b>	<b>130,000</b>	<b>390,000</b>
<b>Palo, Neil Allen D.</b>	<b>Database Administrator</b>	<b>120,000</b>	<b>360,000</b>

**Table 2**

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