**<Capstone Project Title>**

A Capstone Project

Presented to the faculty of

Computer Studies Department

San Sebastian College-Recoletos de Cavite

In Partial Fulfillment of the Requirements for the Degree of

Bachelor of Science in Information Technology

<Surname, First name, Mi - in alphabetical order>

March 2019

**1. INTRODUCTION**

**1.1 Project Context**

*General concepts or proof of concepts should be discussed here.*

**1.2 Research Locale** *(About the Company or Client under study)*

**1.3 Statement of the Problem**

*supported by the Reviews of Related Studies*

**1.4. Scope and Limitation**

**1.5 Objectives of the Study**

***General Objective***

*This study aims to develop a software that ….*

***Specific Objectives***

*The following statements are the specific objectives of the study:*

1. Evaluate the software in terms of …

**1.6 Importance of the Study**

*The* ***significance or importance*** *of the study (value to the beneficiaries, company, department, end-users, developers, future researchers and other parties)*

**1.7 Review of Related Literatures and Studies**

**Technical Background** *discussion of relevant dealings of technology or platforms in IT Capstone Project.* Focus on technology that you used or apply. Example:

Object Oriented Programming (OOP). the programming language to be used

RDMS (Relational Database Management System)

UML (if you will use that)

Web Technologies

Connectivity and Networks (if you have that kind of implementation)

**Review of Related Literature** *with proper citation and reference in APA format*

**Review of Related Studies**

*Foreign (provide at least 3)*

*Local (provide at least 3)*

**Synthesis** -*is the justification of the present study/project*

**2. METHODOLOGY**

**2.1 Research Design** The study utilized the descriptive method since it determines the current situation of system that led to the development of an improved system through computerization.

**2.2. Data Gathering Tools**

Instrument/Questionnaire

**2.3 Data Gathering Procedures** (Development Phases)

**SDLC Model** *(focus on the SDLC model used with Diagram, include explanation why such model have been used by the Project team)*

Figure 1 – *SDLC model used*

*Enumerated discussion of Phases based on actual execution*

**Planning.** *have discussion and reference to the project schedule –Gantt Chart*

**Analysis.** *have discussion based on actual execution*

**Design.** *have discussion based on actual execution*

*In Design Phase, discuss the IPO of proposed system/software with reference to Figure 2, insert the diagram of Input-Process-Output of Name of Software/system as*

Figure 2 – IPO of *specify name of system/software)*

**Development.** *have discussion based on actual execution*

***Data Gathering***

***Data Gathering Procedures*** *(as applicable)*

*Interview*

*Document Analysis*

*Survey*

*Online Research*

**Testing**

*In Testing Phase, have reference to the UAT questionnaire then have discussion in the Results and Discussion*

*Discuss the Evaluation Criteria*

*User Acceptance Test*

**2.4 Development Tools**

Table 1: Hardware

|  |  |
| --- | --- |
| I/O Device | Monitor, Mouse, Keyboard, CPU |
| Processor | Intel Core i5 – 8250U 1.60GHz processor |
| Motherboard | ASPIRE V3-471G |
| Memory | 4GB DDR3 |
| Hard Disk Drive | 2Tb |
| Auxiliaries | NVIDIA GeForce MX150 with 2 GB of dedicated GDDR5 VRAM  381.6 (W) x 259 (D) x 23.9/30.2 (H) mm (15.02 x 10.2 x 0.94/1.19 inches)  8X DVD-Super Multi double-layer drive  WLAN: 802.11a/b/g/n/ac wireless LAN  41.4 Wh 2800 mAh 14.8 V 4-cell Li-ion battery pack |

Table 2: Software

|  |  |
| --- | --- |
| Programming Language | Python, Java, Html |
| Database | phpMyadmin |
| Design of User Interface | Bulma And Adobe photoshop |
| Integrated Development Environment | Sublime text |
| System Documentation | Microsoft Word 2016 |
| Operating System | Microsoft Windows 10 |

**2.5 Respondents/Evaluators** (respondents for survey, evaluator for UAT)

**2.5 Statistical Treatment of Data**

**2.6 Project Schedule** *(Gantt Chart)*

General Formatting of Documents

Font Style – Century Gothic

Font Size – 11” for Body of Text; 12” for Title

Spacing – double

Margins – Left =1.5”, Top, Bottom, Right = 1.0”

Body of Text should be left and right justified

NOTE: All Chapter Titles should be in UPPERCASE, All Diagrams should have figure number in sequence number of appearance in the document