Final Title of your System(14 font size)

A Testing and Quality Assurance Project presented to

The Faculty of the College of Computer Studies

University of Cebu Lapu-lapu and Mandaue

In Partial Fulfillment of the Requirements

For the Introduction to Software Engineering

By:

Proponents

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Adviser

December 2020

Note: Headers font size is 14 (example Signatures, Change History, Table of Contents…. Overview, Project Summary and etc.)

Signatures

Proponent name 1

Hacker

Proponent name 2

Hipster

Proponent name 3

Hacker

Proponent name 4

Tester

Change History

Name	Date	Reason for Changes	Version
E-Prospectus System	11/20/2019	This is the initial creation of the E-Prospectus System.	1.0
E-Prospectus System	02/17/2020	Final creation of E-Prospectus System.	2.0

Preface

Create your own preface base on your system

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1. Overview

1.1.   Project Summary

1.1.1.   Purpose, scope and objectives

Purpose

E-Prospectus System is intended to minimize and sooner replace the use of manual prospectus of College of Computer Studies in University of Cebu Lapu-Lapu and Mandaue. It will help the transaction involving prospectus computerized to make it less hassle and time saver for the user.

Scope

    Admin-side

1. Online login.
2. Create prospectus.
3. Update prospectus.
4. Add subjects per course.
5. Add/Enroll student.
   a. Through Comma-Separated Values (CSV) file or manual input of grades.
6. Search student.
7. Add grades of the student
   a. Through Comma-Separated Values (CSV) file or manual input of grades
8. Evaluate grades (passed and failed).
9. Evaluate subject and grades of the shiftee, returnee and transferee.
10. Evaluate the subjects of the incoming fourth year students.
11. Unenroll student from the list if not enrolled during that specific semester.

12. Update own profile.

Student-side

1. Online login.
2. View own prospectus.

   Includes the following:

   - Grades
   - Prerequisite subjects.
   - Behind subjects.
   - Failed subjects.

3. Print own prospectus.
4. Update own profile.

Guest-side

1. View the vision, mission, goals and objectives of College of Computer Studies.
2. View vision, mission, goals and objectives of University of Cebu.
3. View prospectus in each course.

Limitations

1. Offline access is not applicable.
2. This system focuses and limits only in the College of Computer Studies in University of Cebu Lapu-Lapu and Mandaue.
3. Student cannot edit grades and subjects.
4. Guest cannot login and print prospectus.

Objectives

General Objective

The main objective of the system is to design and develop a web-based E-Prospectus that will review and manage the manual use of prospectus into computerized process, evaluates and examine subjects of incoming fourth year students.

Specifically, the study address the following:

- <u>Design and develop</u> web-based E-Prospectus system that is online accessed and can be printed whenever the user wants to.

- E-Prospectus will <u>retrieve and compute</u> overall grades in every subject taken per year and semester.

- It will <u>examine and evaluate</u> subjects for graduating students in computerized process.

- <u>Breakdown and classify</u> subjects like prerequisite, behind and failed subjects in that specific year and semester.

1.1.2. Assumptions and constraints

Assumptions

- this project is a component of a larger project which is the registrar and EDP do the jobs.

- this project will only deliver the software components from the registrar and EDP.

Constraints

- Time
    - 4 months and 12 days.
- Staff
    - Faculty staff of College of Computer Studies.
    - Working student if possible.
- Maintenance
    - In case of malfunctions, the proponents are responsible to check and do the maintenance of the system.

Developing the system will end as early as February 17, 2020. Hard work and team work will be use in developing the system on finishing it on time. Sublime Text is the only text editor used and will be written in PHP. The system is a web-based and will be

running on IE, Mozilla and Google Chrome browsers.

1.1.3. Projects deliverables

As part of the project, the team will deliver the following to the client:

- Running E-Prospectus System that includes all the requirements for the system.
- Project Proposal and Systems Requirement Specification (SRS) document.
- Project Management Artifacts such as the Software Project Management Plan (SPMP).

NOTE: Hipster kindly record the dates your system title proposal and approval, revised and other specific dates for your task.

1.2.   Evolution of plan

Table 1.2.1. Iteration 1

Hipster

Task	Days	Start Date	End Date	Remarks
Creations of Titles	4	11/14/19	11/17/19	Team work with co-
(First Batch)	1	11/18/19	11/18/19	proponents.
Proposed Titles				Not approved.
(First Attempt)				
Creations of Titles	1	11/19/19	11/19/19	Team work with co-
(Second Batch)	1	11/19/19	11/19/19	proponents.
Proposed Titles				Approved
(Second Attempt)				
Objective of the	1	11/26/19	11/26/19	Formulate the objectives
Study	1	11/26/19	11/26/19	of system.
Specific Objectives				Formulate the specific
				objectives.
Scope and	1	11/26/19	11/26/19	Formulate the scope and
Limitations	1	11/26/19	11/26/19	limitation of the system.
Customer Journey				Making of the customer
				journey.
Use-Case Diagram	1	12/07/19	12/07/19	Functions of the system.

Tester

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Task	Days	Start Date	End Date	Remarks
Proposed Titles (Second Attempt)				Approved
Objective of the Study	1	11/26/19	11/26/19	Formulate the objectives of system.
Specific Objectives	1	11/26/19	11/26/19	Formulate the specific objectives.
Scope and Limitations	1	11/26/19	11/26/19	Formulate the scope and limitation of the system.
Customer Journey	1	11/26/19	11/26/19	Making of the customer journey.
Use-Case Diagram	1	12/07/19	12/07/19	Functions of the system.

Hacker

Task	Days	Start Date	End Date	Remarks
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Scope and Limitations	1	11/26/19	11/26/19	Formulate the scope and limitation of the system.
Customer Journey	1	11/26/19	11/26/19	Making of the customer journey.

Use-Case Diagram	1	12/07/19	12/07/19	Functions of the system.
System Developing	24	12/12/2019	01/05/2019	Develop the system.

Hustler

Task	Days	Start Date	End Date	Remarks
Creations of Titles (First Batch)	4	11/14/19	11/17/19	Team work with co-proponents.
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Creations of Titles (Second Batch)	1	11/19/19	11/19/19	Team work with co-proponents.
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Objective of the Study	1	11/26/19	11/26/19	Formulate the objectives of system.
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Scope and Limitations	1	11/26/19	11/26/19	Formulate the scope and limitation of the system.
Customer Journey	1	11/26/19	11/26/19	Making of the customer journey.
Use-Case Diagram	1	12/07/19	12/07/19	Functions of the system.
Revising the Documents		12/15/19	12/23/19	Rivising the whole documents.

Table 1.2.1. shows the iteration 1 of developing the system.

Table 1.2.2. Iteration 2

Hipster

Task	Days	Start Date	End Date	Remarks
Work Activities	2 days	01/08/20	01/10/20	Collaborated with co-proponents.
Schedule Allocation	1 day	01/11/20	01/12/20	Proponents designate the schedules.
Budget Allocation	1 day	01/13/20	01/14/20	Proponents collaborate.
Resource Allocation	2 days	01/15/20	01/17/20	Proponents sum up the expenses they had made.
Risk Management Plan	3 days	01/18/20	01/21/20	All the risks had been listed.
Iteration 1	1 day	01/19/20	01/20/20	Collaborated with co-proponents.
Iteration 2	1 day	01/20/20	01/20/20	Proponents were done with iteration 1 and 2.

Tester

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Hustler

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Risk Management Plan	3 days	01/18/20	01/21/20	All the risks had been listed.
Iteration 1	1 day	01/19/20	01/20/20	Collaborated with co-proponents.
Iteration 2	1 day	01/20/20	01/20/20	Proponents were done with iteration 1 and 2.

Table 1.2.2. shows the iteration 2 of developing the system and documentation.

Table 1.2.3. Iteration 3

Hipster				

Task	Days	Start Date	End Date	Remarks
Process Model	2 days	01/23/20	01/25/20	Come up with a model.
Methods, Tools, and Techniques	2 day	01/26/20	01/28/20	The proponents specify the tools, methods and techniques being used.
Infrastructure Plan	1 day	01/29/20	01/30/20	Proponents knows the infrastructure plan.
Product Acceptance Plan	2 days	01/31/20	02/02/20	Proponents list down all the things needed for the client to accept the system.
Quality Assurance Plan	3 days	02/03/20	02/06/20	Proponents checks the quality of the system.
Verification and Validation	2 days	02/07/20	02/09/20	Collaborated with co-proponents.
Process Improvement	2 days	02/10/20	02/12/20	Proponents study the process improvement of the system.
Iteration 3	1 day	02/13/20	02/14/20	Proponents continue to have iteration 3 of daily task
Construction		02/15/20	02/17/20	Testing and revising.

Tester				

Task	Days	Start Date	End Date	Remarks
Process Model	2 days	01/23/20	01/25/20	Come up with a model.
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Quality Assurance Plan	3 days	02/03/20	02/06/20	Proponents checks the quality of the system.
Verification and Validation	2 days	02/07/20	02/09/20	Collaborated with co-proponents.
Process Improvement	2 days	02/10/20	02/12/20	Proponents study the process improvement of the system.
Iteration 3	1 day	02/13/20	02/14/20	Proponents continue to have iteration 3 of daily task
Construction		02/15/20	02/17/20	Testing and revising.

Hacker

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Process Improvement	2 days	02/10/20	02/12/20	Proponents study the process improvement of the system.
Iteration 3	1 day	02/13/20	02/14/20	Proponents continue to have iteration 3 of daily task
Construction		02/15/20	02/17/20	Testing and revising.

Hustler

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Process Improvement	2 days	02/10/20	02/12/20	Proponents study the process improvement of the system.
Iteration 3	1 day	02/13/20	02/14/20	Proponents continue to have iteration 3 of daily task
Construction		02/15/20	02/17/20	Testing and revising.

Table 1.2.3. shows iteration 3 of developing E-Prospectus system.

This document is under version control, so any changes will be made to the plan itself. Any update will be addressed as soon as possible during meet ups of the proponents and the client. Updated document will be made available to all proponents and to the client for any clarification and discussion.

For Iteration just create only the Iteration 1

1.3. Customer Journey

1. Actor

   - Who are your customers?
     - Fresh graduate students from any schools.
     - Returnees students.
     - Transferee students.
     - Shiftee students.
     - Old students.
     - Goal

2. What is the goal of the system?
     - The main objective of the system is to develop a web-based E-Prospectus that will minimize the manual way of subject evaluation of graduating students, sets as an easy access for subject reference including prerequisite, failed and behind subjects and the totality of units allowed on that specific semester during enrollment and retrieving of grades.

3. Discovery

   - How does the user discover your product of service?
     - Family and friends' suggestions.
     - School department suggestions.
     - Search engine.
     - School advertisement.
     - Social media.

4. Learning

   - How do they learn about your product of service?
     - When the student opens the website and read all its contents.

5. Using

   - How do they use your product?

- For freshmen, old student, shiftee and transferee, they use it as a reference for the course to be taken.

- For present student, they use it during enrollment.

- For graduating students, they use it for subject evaluation.

2. References

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3. Definitions

Breakdown – to classify the subjects needed of the student.

Budget Allocation Plan – Provides a detailed breakdown of necessary resource budgets for each of the major work activities.

Compute – to sum up the overall grades.

Comma-Separated File – delimited text file that uses a comma to separate values.

Develop – to create over a period of time.

Enroll – to register in a school.

Evaluation of Subjects – to check if the student took up and passed all the subjects required.

Prospectus – a book or document that provides information about a school, business, etc.

Prerequisite – required subject to be taken in order for the to take the next required subject.

Retrieve – to get all the grades.

Returnee – student who returns to enroll on that specific course.

Transferee – student who transfers from one school to another.

Shiftee – student who enrolled from one course to another.

Software Requirements Specification (SRS) – Document that contains all requirements agreed upon by the client and the team.

Software Project Management Plan (SPMP) – document that contains well organized project planning.

Note: Definition are operational term in your documents (From the title to the objective of the study).