

CHAPTER I: INTRODUCTION

Electronic publishing (also referred to as e-publishing or digital publishing) includes the digital publication of e-books, digital magazines, and the development of digital libraries and catalogues. Electronic publishing is primarily used today to refer to the current offerings of online and web-based publishers; the term has a history of being used to describe the development of new forms of production, distribution and user interaction in regard to computer-based production of text and other interactive media. To publish is to make content available to the general public. [8]

Furthermore, the use of the internet or the World Wide Web has a significant role in publishing materials that one can share to its users. The use of online systems allows the delivery of information to various users in different locations at the same time thus making it easier and faster.

Mindanao Varsitarian is the official student publication of Mindanao State University-Main Campus Marawi City, Lanao Del Sur. For 54 years, Mindanao Varsitarian has been responsible for doing its part through publishing different issues and sharing knowledge concerning the students in this university through disseminating printed copy of the issue. As much as students are tired of heart-breaking accounts, repeating complaints and fearless confessions, Mindanao Varsitarian burdened with the duty of publishing these as they have given the role in this university to voice out the student's needs.

The students of Mindanao State University-Main Campus have to pay twenty pesos every semester as Mindanao Varsitarian fee. This means that only the enrolled **2 | P a g e**

students of the university can avail a copy of it. For the publication to reach its intended readers – not just the students but also the alumni of the MSU and even other readers that has no affiliation to the university, together with the vision of the MSU to become world class university by the year 2020, the proponents of this project have proposed a system to have the Mindanao Varsitarian published online.

1.1 Project Context

This proposed project entitled **“eMV [Electronic Mindanao Varsitarian]: An Online Publication for the Mindanao Varsitarian”** is a web based publishing system that allows the authors and editors of the Mindanao Varsitarian to publish its articles and issues per edition online. This project let the editors or the current members officials of Mindanao Varsitarian to create their designated articles that could be publish on the website by the permission of the current EIC (Editor-in-Chief) of the Mindanao Varsitarian.

This project will also provide an additional method for the said publication to reach out to its target users and readers – the students and alumni of Mindanao State University - through the internet. With this project, the publication will be able to bring news and current events not just to the current students but also to the Alumni of the Mindanao State University.

This project was started this April 2015 and expected to be finished by the end of the summer of the academic year 2016-2017. The proponents of this project shall develop the proposed system using Agile Method of web development. **3 | Page**

1.2 Purpose and Description

The proposed project is an online publication website intended for both the publishers and the readers of the Mindanao Varsitarian. It will be implemented in web page and shall use a server database for storing data.

The project shall provide an additional source of the Mindanao Varsitarian, not just the current edition of the publication but also previous editions. This shall provide the publishers a tool in writing, submitting, storing and publishing articles. This will also provide the administrator – the adviser of the Mindanao Varsitarian – a tool in managing the staff of the said publication.

The editors of the publication can draft and submit an article which in turn shall be rejected or approved by the EIC. An approved article will be published while a rejected one shall be sent back to its author for revisions. The administrator will be able to add, edit and deactivate accounts of authors/editors from the system. The general users of the system can read the published articles online. Registered users – the enrolled students of the university – can write comment or rate every published article and download a PDF copy of all the available editions of the publication.

1.3 Objectives

This capstone project aims to implement an online publication for Mindanao Varsitarian to aid both its publishers and readers through providing easy availability of the said publication and better communication between publishers and readers.

To achieve the stated objective, this project specifically aims to: **4 | Page**

- ☐ Determine requirements in developing an online publication.
- ☐ Develop the System Requirement and Specification (SRS) based on the roles and activities given by the end users.
- ☐ Design and develop the system based on the given SRS.
- ☐ Implement/Deploy the system; and
- ☐ Test the system's functionality and performance.

1.4 Scope and Limitations

The scope of the project is focused on the development of a web-based publication for Mindanao Varsitarian.

The system shall have four (4) different users. The Administrator, the Editors, the Editor-in-Chief (EIC) and the Readers. The role of the administrator is to manage the accounts of the editors and EIC. The editors refer to the writers or authors of the publication and their role is to write articles according to the category assigned to them and submit it to the EIC. The EIC is responsible for reviewing, rejecting and approving of submitted articles and also, write an article of his own to be published. There are three (3) types of readers. First are the enrolled students of the Mindanao State University (MSU) Main Campus, second is the alumni of MSU, and the third is the general users or visitors of the website.

The project shall have a user management module which will enable the administrator to manage the accounts of the editors of Mindanao Varsitarian.

The online publishing of every edition of the publication shall be the main feature of the project.

The editors can draft or submit an article and the EIC receives, writes and **5 | Page**