

CHAPTER 1

INTRODUCTION

1.1 Introduction

Nowadays, Not only mobile phones but also Internet are very useful around the world. Therefore, people widely use website, Facebook, various Internet games and applications. And can search easily the information from the Internet (e.g. Google, Chrome etc.). So they are becoming an important part of our everyday life.

This project named “Who is who in Myanmar” is aimed to provide the complete and accurate information of famous people in Myanmar. This project is mainly focuses on biography of the famous people in Myanmar like inserting new data, updating new data and viewing data. This project has respectively roles in the left side buttons of the navigation bar such as Candidate from parties, Members of parliaments, Business leaders, Celebrities and Modern historical figures. And can read biography easily after click the buttons. Also can find from search box about the required information.

This project is very useful for searching information of popular person in Myanmar.

1.2 Background

1.2.1 What is Flask?

Flask is fun, but it can also be challenging, especially when you are building a large application. Unlike other popular Python web framework, such as Django, Flask does not enforce ways of structuring your modules or your code. Flask is a micro web framework written in Python, so before we can start writing Flask apps we must ensure that Python is installed.

1.2.2 What is GitHub?

GitHub is a website and service that we hear geeks rave about all the time, yet a lot of people don't really understand what it does. To understand GitHub, you must first have an understanding of Git. Git is an open-source version control system that was started by Linus Torvalds—the same person who created Linux. Git is similar to other version control systems—Subversion, CVS, and Mercurial to name a few.

Repository

A repository (usually abbreviated to “repo”) is a location where all the files for a particular project are stored. Each project has its own repo, and you can access it with a unique URL.

Forking a Repository

Forking is when you create a new project based off of another project that already exists. If you find a project on GitHub that you'd like to contribute to, you can fork the repository, make the changes you'd like, and release the revised project as a new repository. If the original repository that you forked to create your new project gets updated, you can easily add those updates to your current fork.

Pull Requests

You can do so by creating a pull request. The authors of the original repository can see your work, and then choose whether or not to accept it into the official project. Whenever you issue a pull request, GitHub provides a perfect medium for you and the main project's maintainer to communicate.

1.2.3 What is Heroku?

Heroku is a cloud platform that lets companies build, deliver, monitor and scale apps — we're the fastest way to go from idea to URL. Heroku is the quickest

way for a company to become an apps company. Heroku is a service that enables companies to spend their time developing and deploying apps that immediately start producing value. Heroku is an amazing developer experience. Heroku gets out of the way where it matters, letting devs get on with what they do best - developing apps.

1.3 Objective

- To know around the world about the famous people in Myanmar.
- To provide users for searching accurately the required information of well-known person in Myanmar
- To find easily for desired information
- To reduce the paper work
- To save users' time and make more convenient

CHAPTER 2

METHODOLOGY

2.1 Requirement analysis

Requirement analysis, also called requirement engineering, is the process of determining user expectations for a new or modified product. It is a complex and challenging activity. It is also one of the most important activities in project management, as it establishes the baseline against which the product of the project is measured.

Requirement analysis is an essential part of any project and project management. The data requirements for this system are searched on Google.

2.1.1 Software requirement

- Git Bash
- Sublime Text
- GitHub Desktop
- Heroku
- Python-3.6.5

2.1.2 Hardware requirement

- Internet Access
- A desktop or laptop
- A memory stick

2.2 Software selection

Chosen Programming Language

I would like to use HTML, CSS, JavaScript, Database and Python as a programming language in my project because there are a lot of benefits to pick up these languages in many windows form application.

HTML (Hyper Text Makeup Language)

- HTML is easy enough to write
- HTML also allows the use of templates, which makes designing a webpage easy.
- Very useful for beginners in web designing field.

CSS (Cascading Style Sheets)

- Easier to maintain and update.
- Greater consistency in design.
- More formatting options.
- Lightweight code.
- Greater accessibility.

JavaScript

- JavaScript is an interpreted language.
- Any person can learn it very easily and use it to develop dynamic and attractive websites.
- JavaScript provides condition checking, loops and branching facilities that can be executed in a web page.

Database

- Database is a collection of information.
- Database organizes data into rows, columns and tables.
- Database gets data from updated, expanded and deleted as new information is added.
- Database can store data as JSON and synchronized in real-time to every connected client.

Python

- Python language has diversified application in the software development companies such as in gaming, web frameworks and applications, language development, prototyping, graphic design applications, etc.
- Python also processes XML and other markup languages as it can run on all modern operating systems through same byte code.
- Python integrates the Enterprise Application Integration that makes it easy to develop Web services by invoking COM or COBRA components.

2.3 Project Plan

Development Phase	1_7 Day	8_14 Day	15_21 Day	22_28 Day	29_35 Day	36_45 Day	Duration
Analysis							5
Documentation							7
Design							11
Coding							18
Testing							4
Total Time							45

Table (2.1) Project Plan

CHAPTER 3

PROJECT DEVELOPMENT

3.1 Design

3.1.1 Use case diagram

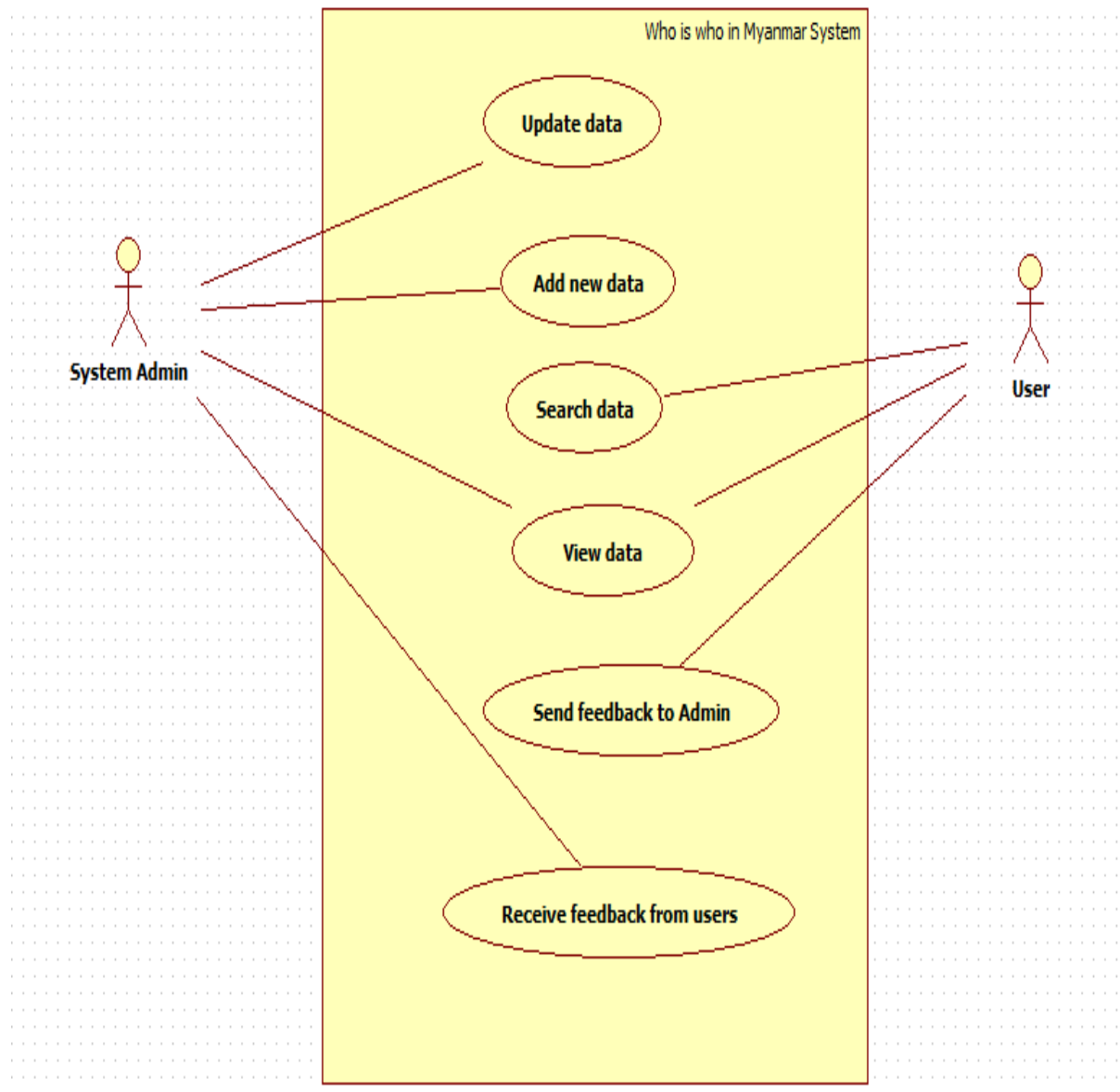


Fig (3.1) Use Case Diagram for Who is who in Myanmar

3.1.2 Form design

If users click “**Home**”, the below form will display.

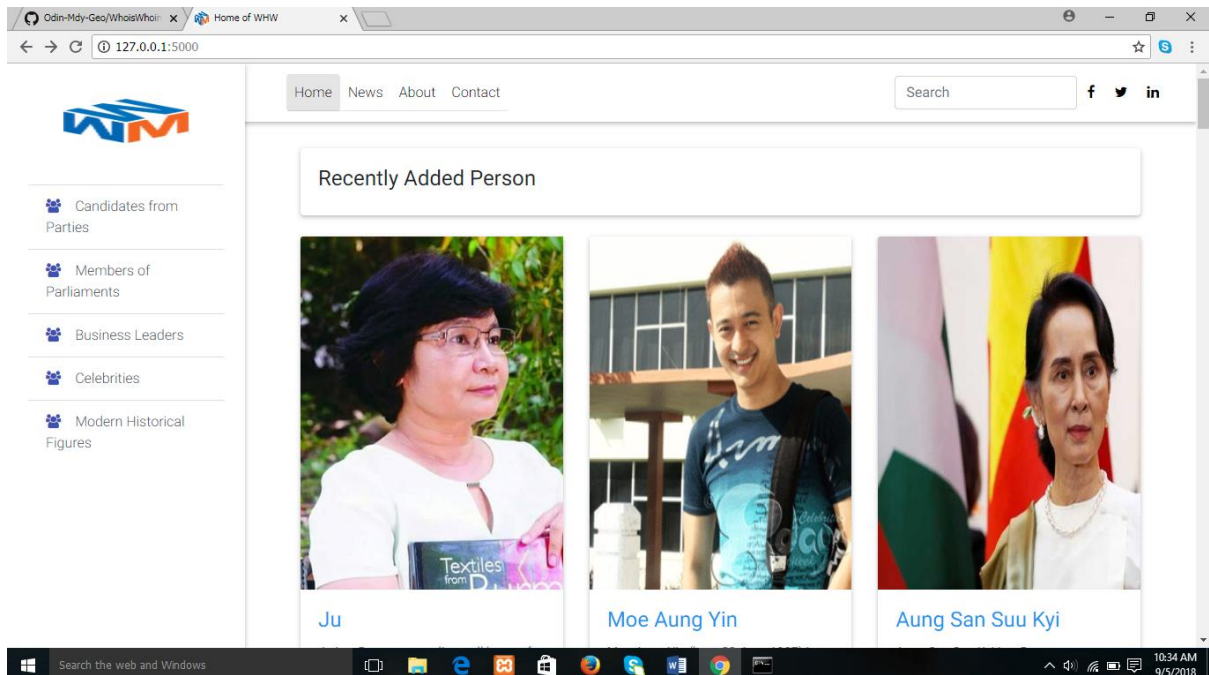


Figure (3.2) Home Form

If users click “**Candidates from Parties**”, the below form will display.

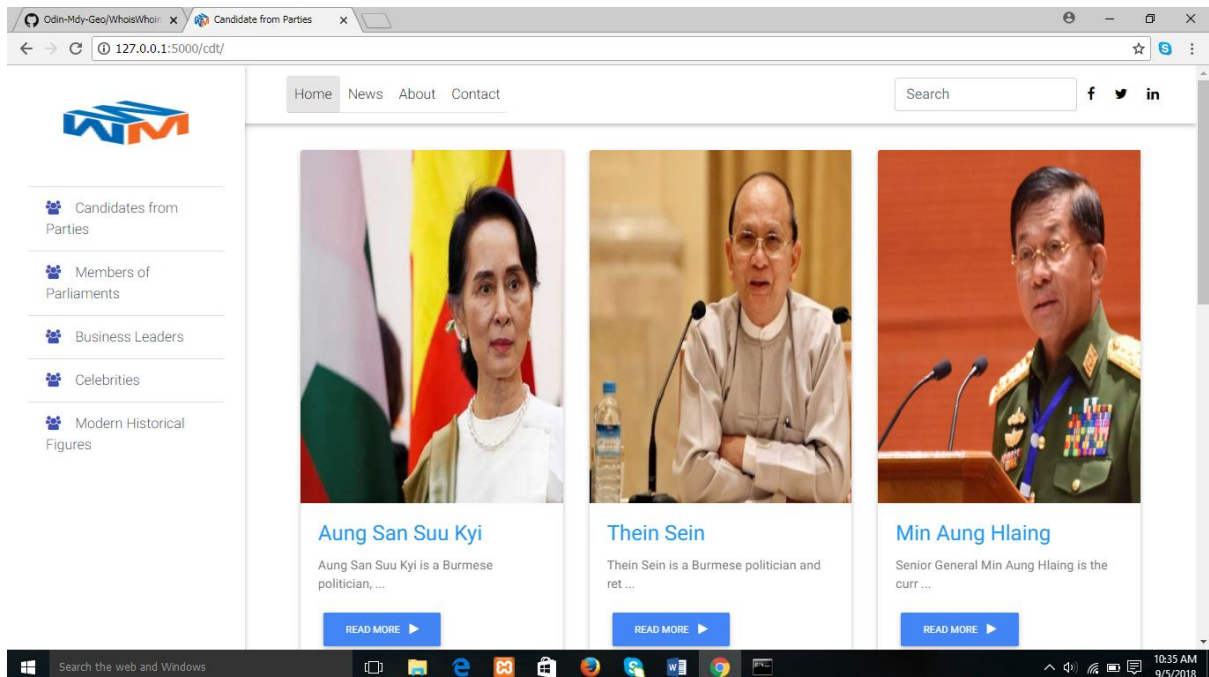


Figure (3.3) Candidates from Parties Form

In the following forms, users can view the data of this page.

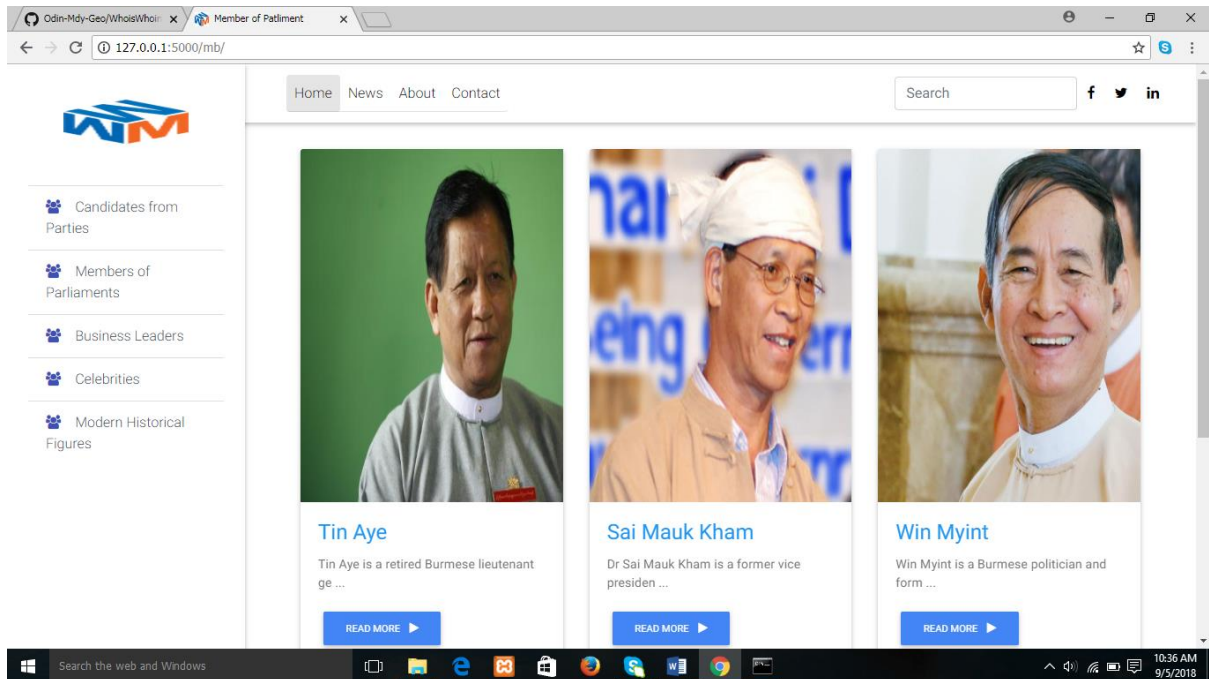


Figure (3.4) Members of Parliaments Form

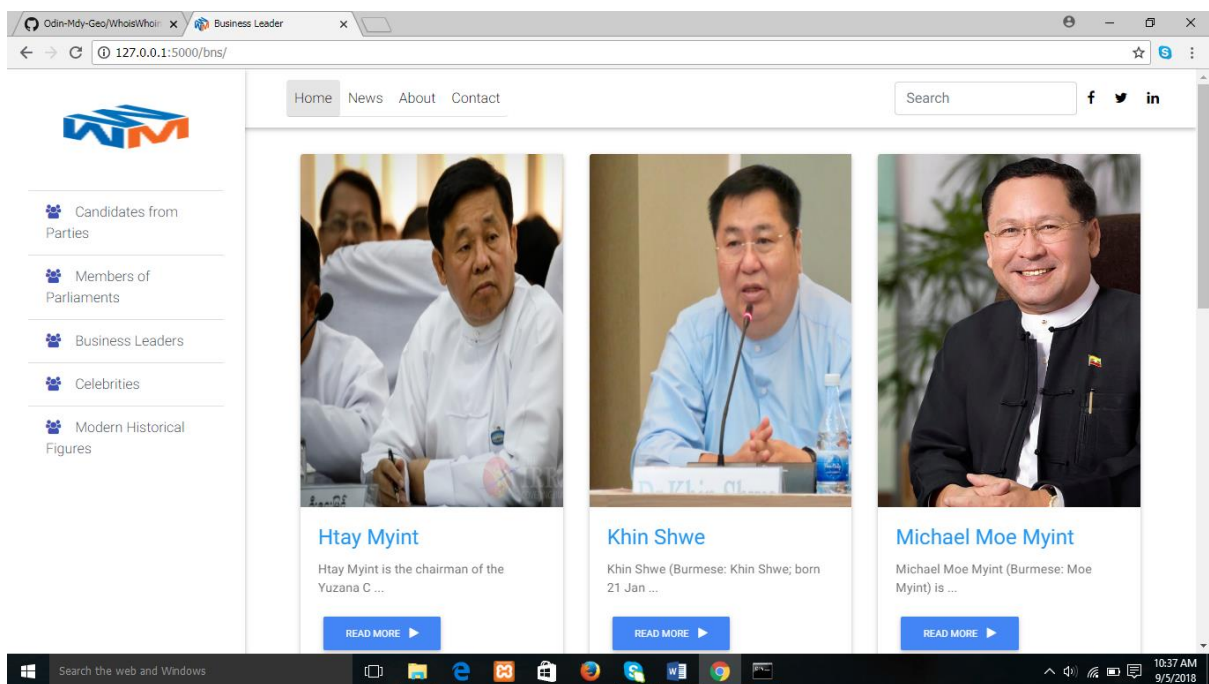


Figure (3.5) Business Leaders Form

If we click “**Celebrities**”, the below form will display.

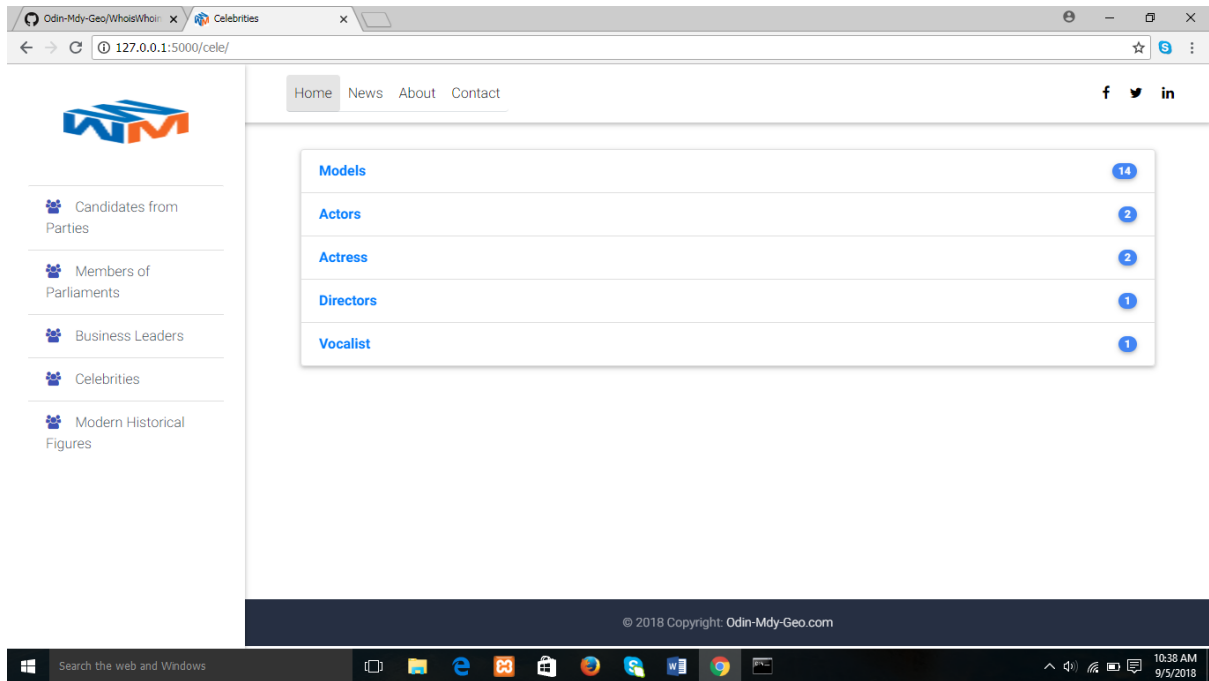


Figure (3.6) Celebrities Form

After users click “**Celebrities**”, can choose their desired button. If user click “**Models**”, the below form will display.

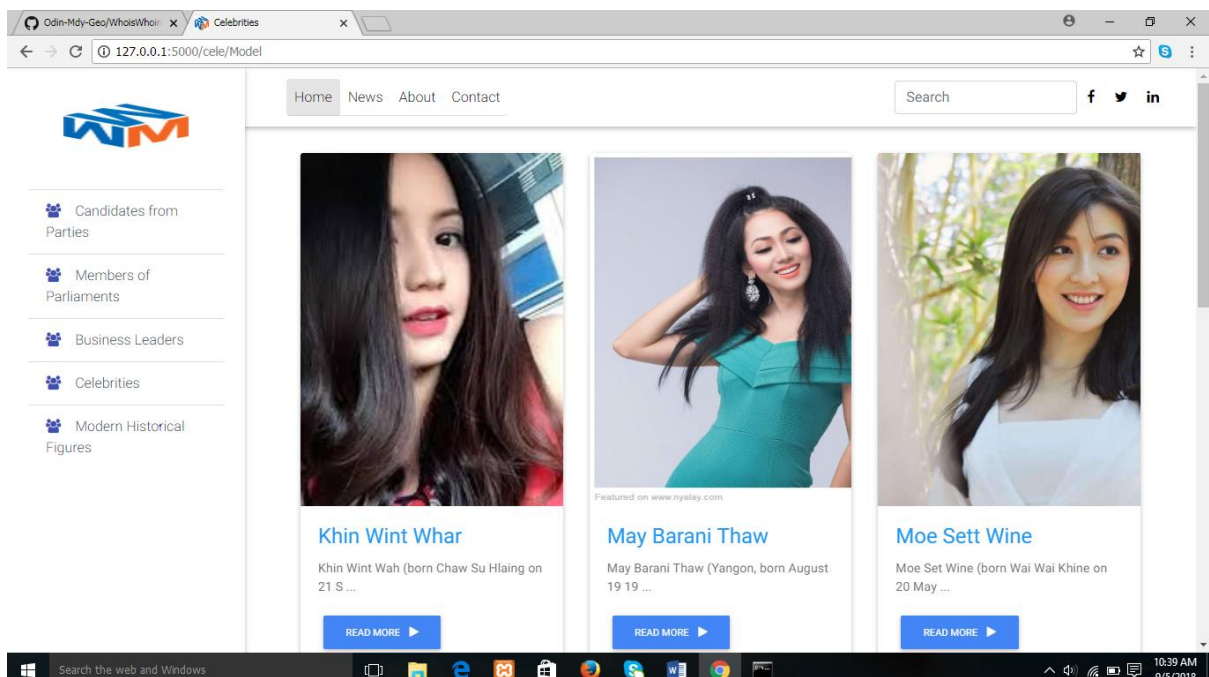


Figure (3.7) Models Form

The next forms are same as the “**Model Form**”. Just clicking “**Celebrities**” and choosing users’ desired button, the detailed data will display as following.

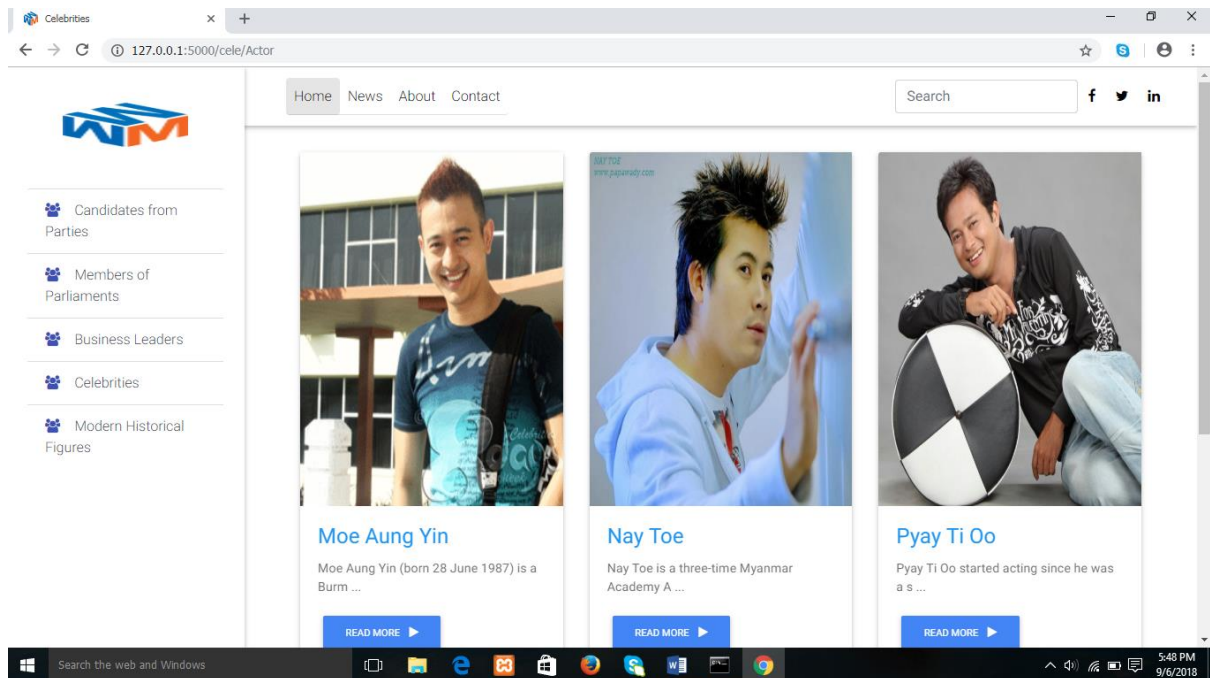


Figure (3.8) Actors Form

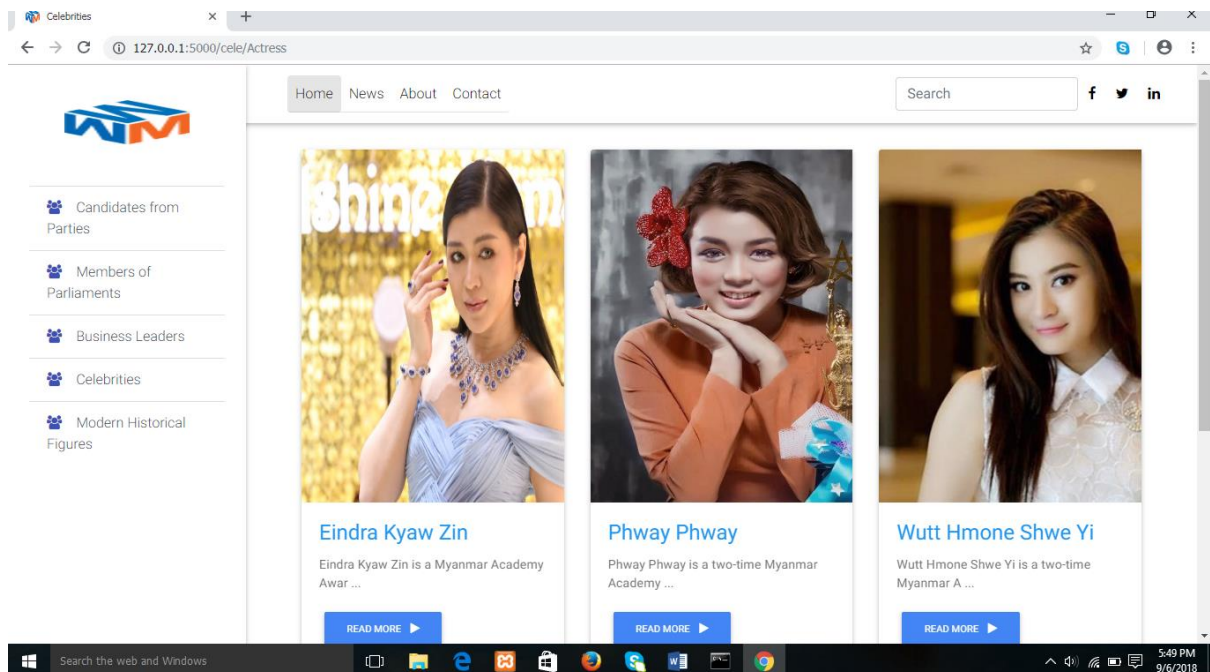


Figure (3.9) Actress Form

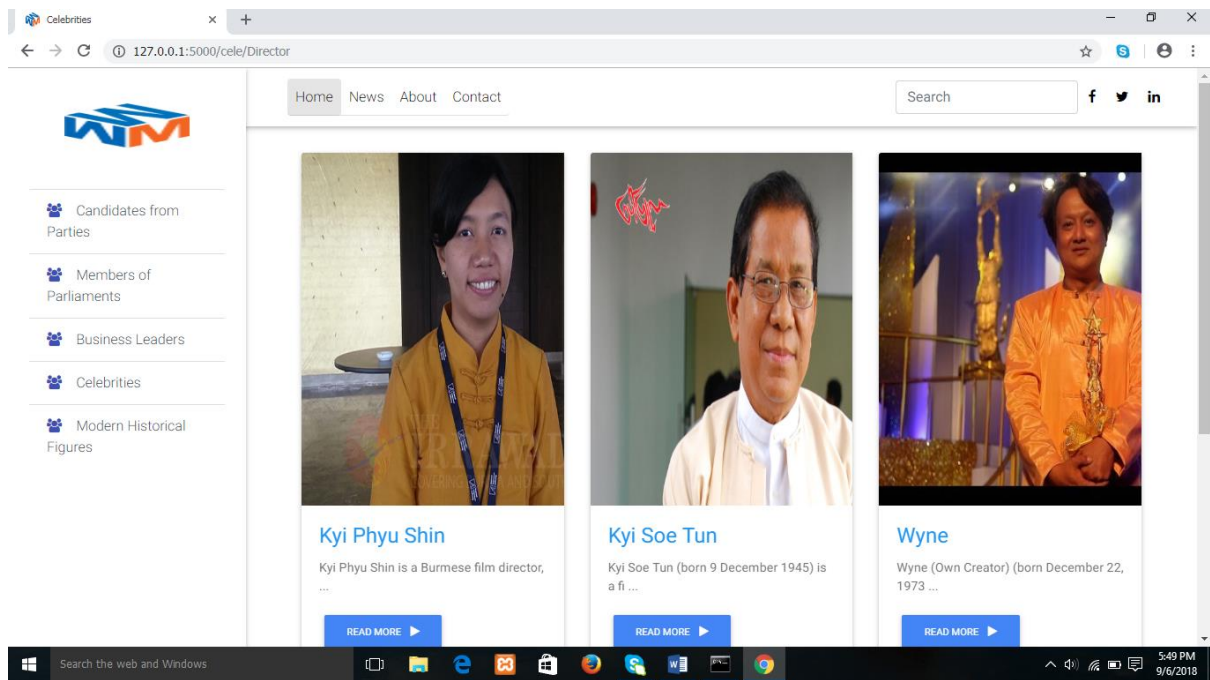


Figure (3.10) Directors Form

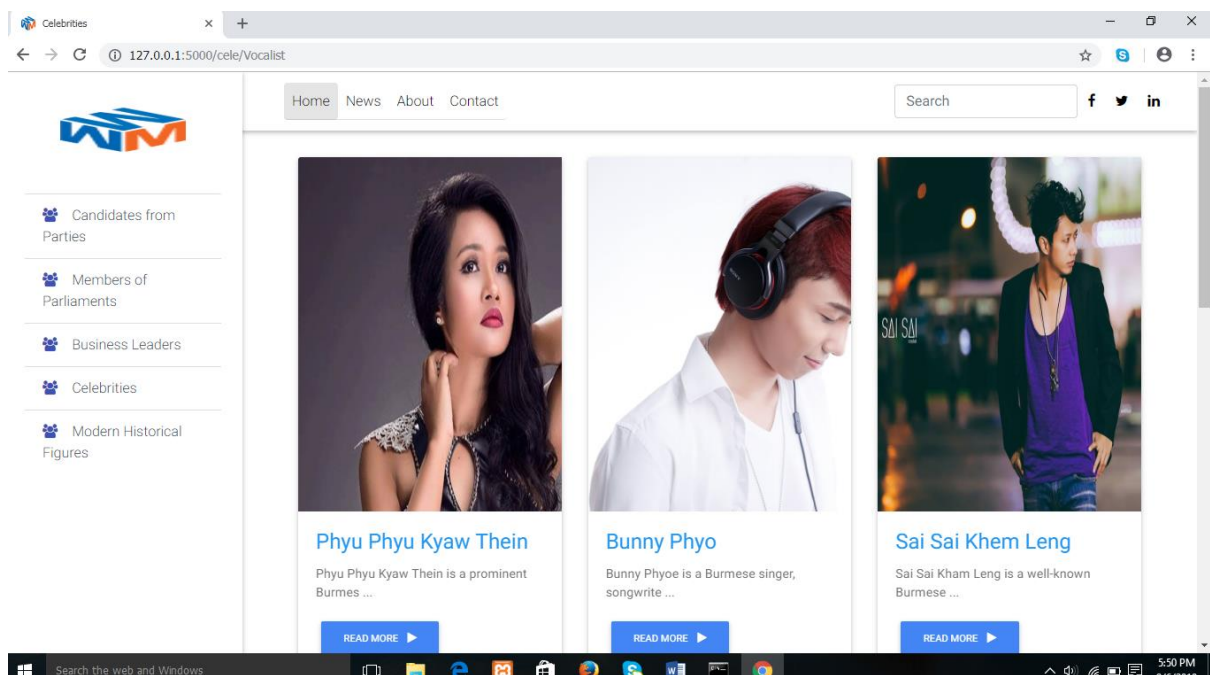



Figure (3.11) Vocalist Form

If users click “**READ MORE**”, the below form will display.

Biography In Detail



Ju

Ju is a Burmese novelist, well known for her strong, intelligent female characters. Ju was born 20 September 1958 in Yenangaung. She is the third child of U Thaug and Daw Nyein, having five siblings. She graduated from the high school at Yenangaung in 1975. Despite her interest in writing, upon her mother's prodding, she pursued medical studies at the Mandalay University of Medicine, graduating with an MBBS degree in 1983. She started writing while in medical school University of Medicine, Mandalay and her first short story was published in 1979. Her writing career took off in the late 1980s, with her debut novel, Remembrance, published in 1987. The bestseller novel stirred controversy for endorsing Western existentialist philosophy and portraying cohabitating unwed couples.

Figure (3.12) Biography Form

3.2 Implementation

3.2.1 Database implementation

Database Tables

id	image_id	name	slug	person_type	biography	created_timestamp	rating
	Filter	Filter	Filter	Filter	Filter	Filter	
1	aung_thin.jpg	Aung Thin	Aung_Thin	Writer	He was born on 17 April 19...	2018-08-19 11:00:23.000000	0.0
2	naywinmyint.jpeg	Nay Win Myint	Nay_Win_Myint	Writer	Nay Win Myint is a Myanma...	2018-08-19 11:00:23.000000	0.0
3	khinkhinhtoo.jpg	Khin Khin Htoo	Khin_Khin_Htoo	Writer	Khin Khin Htoo (Burmese: K...	2018-08-19 11:00:23.000000	0.0
4	htaymyint.jpg	Htay Myint	Htay_Myint	Business Leader	Htay Myint is the chairman ...	2018-08-19 11:00:23.000000	0.0
5	khinshwe.jpg	Khin Shwe	Khin_Shwe	Business Leader	Khin Shwe (Burmese: Khin ...	2018-08-19 11:00:23.000000	0.0
6	moemyint.jpg	Michael Moe ...	Michael_Moe_...	Business Leader	Michael Moe Myint (Burmes...	2018-08-19 11:00:23.000000	0.0
7	tayza.jpg	Tay Za	Tay_Za	Business Leader	Tay Za is a Burmese busin...	2018-08-19 11:00:23.000000	0.0
8	naytoe.jpg	Nay Toe	Nay_Toe	Actor	Nay Toe is a three-time My...	2018-08-19 11:00:23.000000	0.0
9	pyaytioo.jpg	Pyay Ti Oo	Pyay_Ti_Oo	Actor	Pyay Ti Oo started acting si...	2018-08-19 11:00:23.000000	0.0
10	phwayphway.jpg	Phway Phway	Phway_Phway	Actress	Phway Phway is a two-time...	2018-08-19 19:43:48.000000	0.0
11	wutthmoneshweyi.jpg	Wutt Hmone ...	Wutt_Hmone_...	Actress	Wutt Hmone Shwe Yi is a t...	2018-08-19 19:43:48.000000	0.0
12	kyiphyushin.jpg	Kyi Phyu Shin	Kyi_Phyu_Shin	Director	Kyi Phyu Shin is a Burmese ...	2018-08-19 19:43:48.000000	0.0
13	kyisoetun.jpg	Kyi Soe Tun	Kyi_Soe_Tun	Director	Kyi Soe Tun (born 9 Decem...	2018-08-19 19:43:48.000000	0.0
14	wyne.jpg	Wyne	Wyne	Director	Wyne (Own Creator) (born ...	2018-08-19 19:43:48.000000	0.0
15	khinwintwhar.jpeg	Khin Wint Whar	Khin_Wint_W...	Model	Khin Wint Wah (born Chaw ...	2018-08-19 19:43:48.000000	0.0
16	maybaranithaw.jpg	May Barani T...	May_Barani_T...	Model	May Barani Thaw (Yangon, ...	2018-08-19 19:43:48.000000	0.0

Figure (3.13) Data from Person Table

3.3 Testing

This is how we used 4 days for testing.

No	Activity	Day
1	Review System Design	1
2	Check Testing Documentation	1
3	Fix Design and Documentation	2
	Total Days	4

Table (3.1) Testing table

CHAPTER 4

EVALUATION AND CONCLUSION

4.1 Conclusion

This system is simple useful and easy for all users. Users can know in each of detail biography for Candidate from parties, Members of parliaments, Business leaders, Celebrities in Beauty pageant, Models, Actors, Vocalists, Directors and so on, and Modern historical figures (They are Thirty comrades, Freedom fighters and Regional leaders) which are located in Myanmar. Users do not need much time to get the latest new information. This website is represented by Who is who in Myanmar. And then, it is easy for all.

4.2 Benefits of this project

This website has the following benefits:

- Users can access the information from any device connected to the Internet using a browser.
- Users can save time and cost because they do not to go anywhere.
- Admin can modify the website dramatically as much as they want.

4.3 Future work

In this system, we have been added a little data and it had limited. As future, we extended this system can be more data. When users can search desired person from search box, the system can display at the same time. In the future, we can create from this website to the application.

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