

Software Project Proposal

Project Title: Jose Maceda Collection Web Portal

1. Project Manager: **Dr. Jaime Caro**
Adviser: **Mrs. Sonia Pascua**
2. Project Description

The Jose Maceda Collection reflects the traditional music of the Philippines and parts of South East Asia, covering sixty-eight ethnolinguistic groups, before many musical styles vanished or substantially changed as a result of the process of social change, modern civilization and cultural globalization. In this project, we will be creating a web portal wherein users can search through the Internet for any item included in the Jose Maceda Collection. The main beneficiary of this project is the Center for Ethnomusicology where the collection is housed. This is a step for the Center to broaden its network with other scholars and academe from around the globe.

The objectives of this project are as follows:

- Develop an online portal wherein users can search for any item that is a part of the Jose Maceda Collection, get its detailed descriptions and its catalog number as its locator. This website will also provide Information about the Center for Ethnomusicology of the UP College of Music and how they can be granted access to the collection.
- Develop an administration interface (in the form of web pages) where administrators can search, add, edit or delete information about the collection.
- Develop user interface (in the form of web pages) where they can view, search and inquire information about the collection.

3. Hardware and Software Requirements

- PHP
- MySQL

The system on which the application will be hosted will depend on the advice of the Center of Ethnomusicology.

4. Team Members and Responsibilities

- Marc Pacuri - Systems Designer
- Maria Eona Patagan - Quality Assurance Manager
- Precious Nezaiah Pestaño - Senior Programmer
- Juper Pediguerra - Database Administrator
- Tyress Ramboyong - Team Leader
- Albert Vincent Reyes - Systems Analyst

5. Special Skills Needed

- Proficient skills in PHP and good knowledge in MySQL

6. Proposed Start Date: **January 31, 2011**

Proposed End Date: **April 18, 2011**

Requirements Specification

1. Introduction

The web portal will hold the indexes of all the items in the Jose Maceda Collection. This includes but is not limited to photos, field notes, recordings and videos. This will serve as a library catalog wherein the users can easily browse through the collection and obtain the catalogue number. It will also contain information about Dr. Jose Maceda and several of his works and achievements.

The web portal also provides administrator access where adding, editing, or deleting data from the index can be implemented.

2. Features

1. Basic Search

Users can search using any keyword and matches will be returned. It will search the whole database for the keyword.

2. Advanced Search

Users can limit their search into categories to make the search more specific

3. Jose Maceda's Biography Page

This page introduces Dr. Jose Maceda to the user, providing a background of his life and studies. This also contains his achievements in the field and his other accomplishments. Contents of this page is subject to the administrator's and the Maceda family's approval.

4. Sample Gallery

This is a page wherein some of the Jose Maceda Collection's contents are represented on the website.

5. Center for Ethnomusicology Information Page

The page where users can get information about the Center for Ethnomusicology. Contents of this page will be decided upon by the administrators.

6. Administrator Page

Administrators can easily add, edit or delete contents of the website. The page requires a login page wherein a username and password will be entered so that only approved administrators can implement changes to the website.

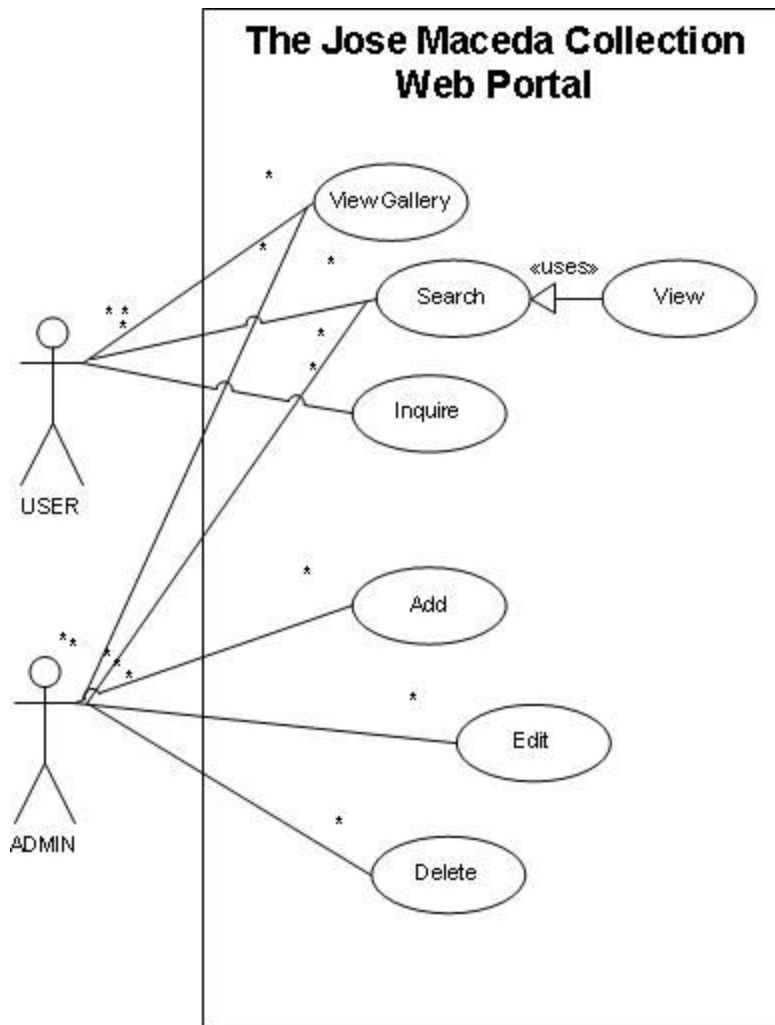
7. Contact Information

This page contains contact details of the Center for Ethnomusicology and its address. The user can also fill-up a form with his/her name, address, institution, contact number and questions/inquiries regarding the collection.

Upon accomplishing and submitting the form, the Center for Ethnomusicology will receive the details via an email notification.

3.

Use Case Model



1. Overview

The main actors of the portal will be the User and the Administrator. The user will have the functionality to search, view the gallery, and inquire about the collection. The Administrator, on the other hand, will be responsible for maintaining the content of the web portal. He/She will have the functionality to add, edit, and delete the indexes in the database.

2. Actors

- Users - visitors of the web portal. He/ She is the primary audience of our website.
- Administrator - the person who maintains the contents of the site.

4. Needed Data

To make the web portal we are going to need the following data:

- a. **Excel files** of the indexes and descriptions
- b. **Pictures** for the gallery (if possible)
 - People
 - Musical Scores
 - Field Notes
 - Book Covers

For security purposes, all of the images posted in the website may be embedded with watermarks and/or may be of a commercially unusable small size.
Preferred format: PDF, JPEG

 - **Audio** (if possible)

The audio files will only contain sound snippets with durations of around 10 seconds, or according to the Center of Ethnomusicology's discretion, of Jose Maceda's recordings.
Preferred format: mp3

Note: Provided images and the audio files serve as a glimpse of Jose Maceda's collection which may also add interest to the application user.