|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | |  | | **MINISTRY OF EDUCATION AND TRAINING** | | | **FPT UNIVERSITY** | | |
| Capstone Project Document |
| Family Album Sharing System |
| |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **Group 12** | | | **Group member** | Huỳnh Trần Minh Nhựt – Leader – SE60936  Tô Đình Tân – Member – SE60926  Trần Lê Tuấn – Member – 60350 | | **Supervisor** | Nguyễn Huy Hùng | | **Ext. Supervisor** | N/A | | **Capstone Project code** | FAMSAM | | |
| – Ho Chi Minh City, September 2014 – |

Table of Contents

[1. INTRODUCTION 3](#_Toc398717173)

[1.1 Project Information 3](#_Toc398717174)

[1.2 Overview and solution 3](#_Toc398717175)

# INTRODUCTION

## Project Information

* Project name: Family Album Sharing System
* Project code: FAMSAM
* Product Type: Web Application, Mobile Application

## Overview and solution

Nowadays, sharing photos through the internet has become more and more popular. At present, there are several photos sharing services like Flickr, Instagram, and WeHeartIT. However, they only support to share photos randomly, not fully support specific characteristics of each family. As result of the fact, users are on demands of a service for family to share their moment such as wedding, baby growing, and ceremonies.

Therefore, the system is created to provide functions like creating albums with stories, sharing albums with other families and users can comment on photos, albums or stories. Photos also can be taken by mobile’s camera and add to album instantly. The system will make families save their memorable moment and connect together easily.

# SOFTWARE PROJECT MANAGEMENT PLAN

## Problem Definition

### Name of this capstone project

Project official name is “Family Album Sharing System”. Project code is “FAMSAM”.

### Problem abstract

In order to satisfy users demand for a photo sharing system which support for families to manage and share each other, this project is provide a website and phone application that allow user to create or join families and share their stories/photos with others.

### Problem overview

#### The Current Systems

At moment, there are several websites which support photo album sharing as social network:

* Flickr (flickr.com):
* Instagram (instagram.com):
* WeHeartIt (weheartit.com):

There are more website like the above, but all of them only support for randomly sharing photo album, not for specific characteristics of each family.

#### The Proposed System

This product is a social network that support managing and sharing photo album among families. This also provide the most convenient and effective way manage photo albums, which will bring user a whole new experiences.

For more specific, the system has four component: Family Photo Album Sharing System, Admin Management, Recommendation System and Image Toolkit.

* Family Photo Album Sharing System: provide user interface through website and mobile app for user to join the site, manage and share their album with others.
* Admin Management: provide user interface to administrator the system.
* Recommendation System: Build in algorithm to recommend relate albums/stories for user.
* Image Toolkit: Provide toolkit to support user handle their images.

#### Boundaries of the System

Our project will focus on main features:

* Support user to create stories/albums.
* Upload photos to their albums.
* Sharing album with other families.
* Recommend similar albums based on user’s likes.
* Comment on album.
* Create albums/photo directly using camera
* Follow stories.

## Project Organization

### Software process model

### Roles and responsibilities

### Tools and techniques

## Project Management Plan

### Tasks

### Risk assessment

### Deliverables

### All meeting minutes

## Coding Convention