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| C:\Users\Plasma-PC\Desktop\logo.jpg | **MINISTRY OF EDUCATION AND TRAINING** |

**FPT UNIVERSITY**

**Capstone Project Document**

**Olives**

Project Code: Olives  
Document Code: **Olives\_PP\_v1.0**

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| **Capstone Project code** | Olives | |

**Hoa Lac, 18th May 2016**

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1. **Problem Definition**
   1. Name of this Capstone Project
   * Project name: **Olives**
   * Project code: **Olives**
   * Product type: **Web and iOS Application**
   * Timeline: **From 9th May to 27th August**
   1. Problem Abstract

Nowadays, the humman health issues always are intersted. But hospitals services can’t meet the needs of patients. Many doctors have good specialize but they can’t approach to patients. Patients having difficulty looking for good doctors. Between them don’t have connections, the only solution is go to the hospital. Patients take long time with hospital procedures and doctors can’t take care them. Olives is a sotfware for doctors. It’s a connection between doctors and patients. Olives helps doctors take care their patients.

* 1. Project Overview
     1. The Current System

The system has not been developed previously.

The system is growing up as begin at the moment.

* + 1. The Proposed System

Objects using the system: Admin, doctors, patients

Function:

* Admin: Add doctor, View information, Disable/ Enable Doctors, Disable/ Enable Patients, Statistic business.
* Doctors: View information, Create/Update/Delete medical record, Contact, Appointment, View/Create/Update/Delete prescription, Set status of medical record.
* Patients: View information, Create/Update/Delete medical record, Contact, Appointment, View/Create/Update/Delete prescription, Set status of medical record, Find doctors, Rate doctors, Create family relation
  + 1. Boundaries of the System

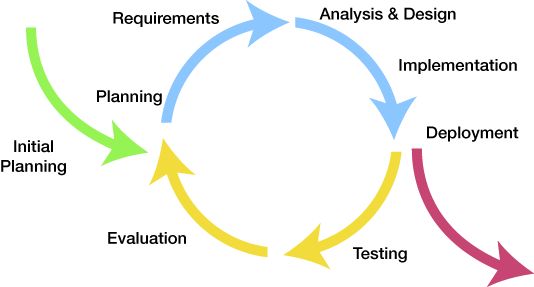
##### This document is for all members engage to <My Doctor>

##### It is used in: Software requirement, evaluation and acceptance standards are developed

* + 1. Development Environment
* Programming languages:
* C#, HTML5,Objective C
* Framework:
* AngularJS v1.2.22 (JavaScript)
* Software Architecture:
* Web Service
* Process Model:
* Iterative and Incremental Software Process Model.
* Version Control:
* Github.
* IDEs:VisualStudio 2015, Xcode, Resharper 10.0.2 ultimate.
* DBMS:
* MySQL v5.5, Redis v3.0, MySQL Workbench v6.2.
* UML tools:
* Enterprise Architect v12, Astah Professional v6.9.0
* Manage tools:
* Jira
* Web server:
* Apache2.0.

Other: Microsoft Office 2013, Microsoft Visio 2013, Microsoft Project 2013

1. **Project organization**
   1. Software Process Model

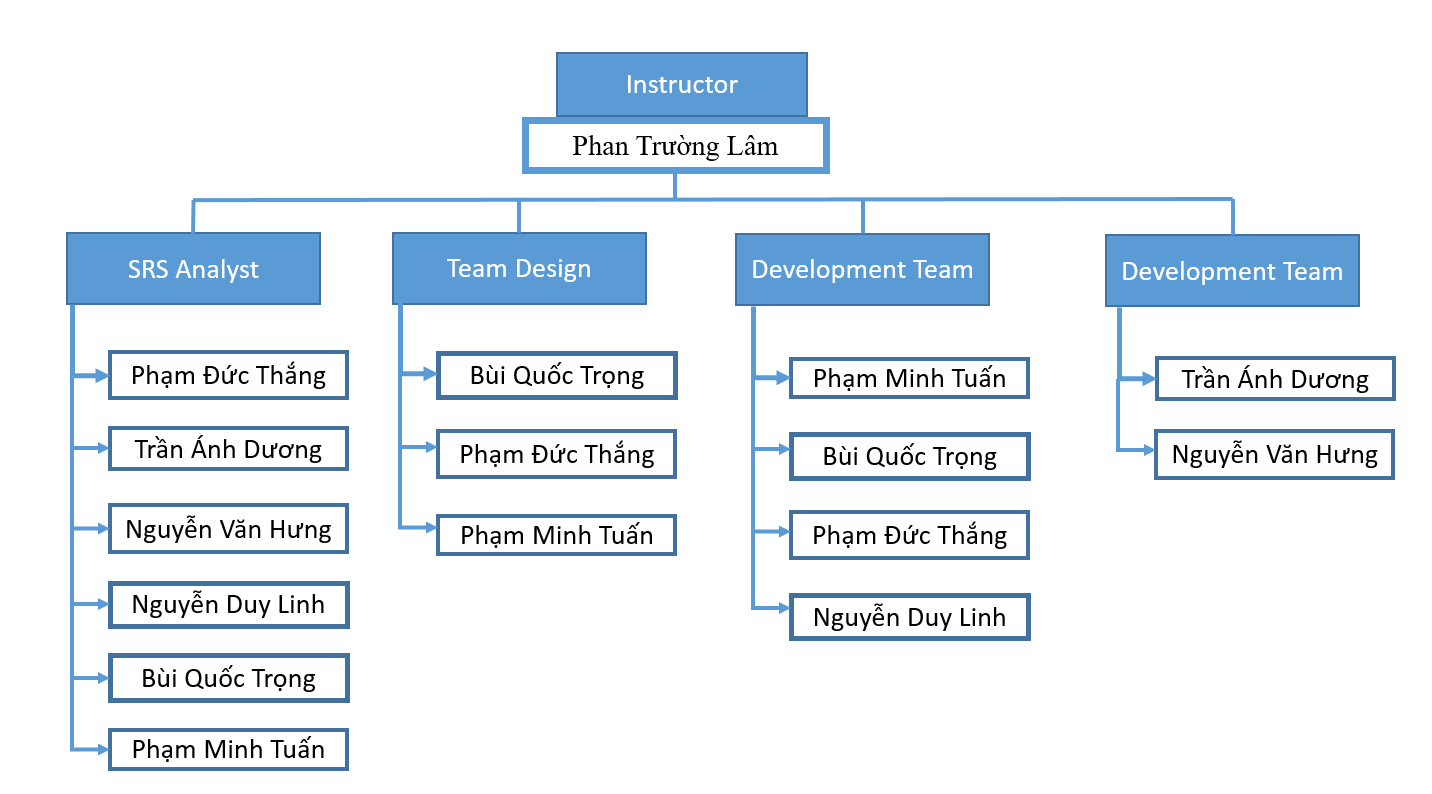
  
*Figure 2.1: Iterative and Incremental Software Process Model*

This figure above describes the information and products flow lifecycle process model. Olives project uses the Iterative and Incremental Software Process Model.

The Iterative and Incremental Software Process Model is most use when the scope of the project is big, the major requirements were defined clearly, some more detail will be added in time, and for the newbie group in software development. By using this software process model, we break down the developing system task into series of smaller tasks which be completed separately, evaluated, and subsequently re-worked until the system’s performance adequately. In addition, the iterative model is easier than other models when the issues are discovered. They are fed back to the team, and solutions found while the project is still in development.

* 1. Roles and Responsibilities

2.2.1



* 1. Tools and Techniques