**Project plan**

Admission system

**Contents**

[**List of table** 3](#_Toc373062739)

[**1.** **Revision** 4](#_Toc373062740)

[**2.** **Introduction** 5](#_Toc373062741)

[2.1. Purpose 5](#_Toc373062742)

[2.2. Project scope 5](#_Toc373062743)

[2.3. Project deliverables 5](#_Toc373062744)

[2.4. The implementation of project management 5](#_Toc373062745)

[2.5. Reference 5](#_Toc373062746)

[2.6. Definition and acronyms 5](#_Toc373062747)

[**3.** **Project Organization** 6](#_Toc373062748)

[3.1. Process model 6](#_Toc373062749)

[3.2. Description 6](#_Toc373062750)

[3.3. Role and responsibility 7](#_Toc373062751)

[3.4. Pros and cons 7](#_Toc373062752)

[3.5. Team structure 7](#_Toc373062753)

[**4.** **Managerial Process** 8](#_Toc373062754)

[4.1. Management Objectives & Priorities 8](#_Toc373062755)

[4.2. Assumptions, Dependencies & Constraints 8](#_Toc373062756)

[4.3. Risk management plan 8](#_Toc373062757)

[4.4. Change management plan 8](#_Toc373062758)

[4.5. Configuration management plan 8](#_Toc373062759)

[4.6. Measurement plan 8](#_Toc373062760)

[4.7. Communication plan 8](#_Toc373062761)

[4.8. Architecture and design plan 8](#_Toc373062762)

[4.9. Implement plan 8](#_Toc373062763)

[4.10. Test plan 8](#_Toc373062764)

[4.11. Team charter 8](#_Toc373062765)

[4.12. Master Plans 8](#_Toc373062766)

[**5.** **Technical Process** 10](#_Toc373062767)

[5.1. Methods, Tools and Techniques 10](#_Toc373062768)

[5.2. Software documentation 10](#_Toc373062769)

[**6.** **Work Packages, Schedule** 11](#_Toc373062770)

[6.1. Work Packages 11](#_Toc373062771)

[6.2. Milestone 11](#_Toc373062772)

[6.3. Schedule 11](#_Toc373062773)

# **List of table**

[Table 1: Revision history 3](#_Toc373062774)

[Table 2: Definition and acronyms 4](#_Toc373062775)

[Table 3: Admission project development process description 6](#_Toc373062776)

[Table 4: Role and responsibility in Admission project development process 6](#_Toc373062777)

[Table 5: Pros and cons of process 6](#_Toc373062778)

[Table 6: Team structure 6](#_Toc373062779)

# **Revision**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Version** | **Update date** | **Author** | **Content** |
| 1 | 1.0 | 23/11/2013 | Le Ngoc Chau | Create document |
| 2 |  |  |  |  |

Table 1: Revision history

# **Introduction**

## 2.1. Purpose

Phát triển các module quản lý cho phép trung tâm thông tin có thể quản lý hệ thống tuyển sinh một cách dễ dàng bao gồm: module công cụ soạn tin, module công cụ tạo doanh mục, và module công cụ hỏi đáp. Bên cạnh đó phát triển 1 ứng dụng hỗ trợ các thiết bị sử dụng hệ điều hành Android từ framework spring core của java

## 2.2. Project scope

Các module được sử dụng bởi trung tâm thông tin trường Đại học dân lập Văn Lang

* Công cụ soạn tin hiển thị những tin mới nhất của trang tuyensinh.vanlanguni.edu.vn
* Công cụ tạo doanh mục được cài đặt doanh mục động tùy theo khách hàng muốn
* Công cụ hỏi đáp về tuyển sinh giúp cho người dùng tìm kiếm chủ để của câu hỏi, nếu không có chủ đề cần hỏi thì sẽ tự tạo chủ đề mới và sau đó đặt câu hỏi gửi lên.

## Project deliverables

* Architectural driver document
* Architectural design document
* Detail design document
* Test document
* Install and user guide document

## The implementation of project management

* All changes must be approved from the Change control board before going into practice.
* All changes must be documented and updated continuously.

## Reference

* K14T, K15T graduation projects
* Technical reading software project management
* Final project of SPM course - FGS Logistic

## 2.6. Definition and acronyms

|  |  |  |
| --- | --- | --- |
| **No** | **Acronyms** | **Description** |
| 1 | UC | Use case |
| 2 | ConOps | Concepts of Operation |
| 3 | URD | User requirement document |
| 4 | SRS | System requirement specification |
| 5 | SDS | Software detail design specification |
| 6 | WBS | Work breakdown structure |
| 7 | PM | Project manager. |

Table 2: Definition and acronyms

# **Project Organization**

## Process model



Figure 1: Admission project development process

## Description

|  |  |  |
| --- | --- | --- |
| **No** | **Step** | **Description** |
| 1 | Pull user story into product backlog | * Product owner creates a poduct backlog based on user story from customer and implement backlog refinement meeting to estimate those product backlog items. * Product owner has responsibility to create prioritization for product backlog items list. The product owner and scrum master can work together and agree on the prioritization of product backlog items * Product owner and scrum master discuss and decision conditions of satisfaction (goals for the schedule, scope, resources) |
| 2 | Sprint planning meeting | * Scrum master creates a release plan - A very high-level plan for multiple sprints. |
| 3 | Review and choose story items and pull it into sprint backlog | * The (estimated) velocity of the scrum team * The SM pulls the first PBI that needs estimating and gives a verbal description of the PBI to the Development Team * Development team analyzes the relative “bigness” of a product backlog items by gut feel and come to a consensus * Development team discusses differences in the numbers assigned to each PBI, and then vote again |
| 4 | Implement architecture and design base on ACDM | * Using ACDM framework for architect, include 8 stages. Detail in Architect plan document |
| 5 | Daily meeting and review | * Only development team member can actively talk during this meeting, until the very end and the scrum master keeps the meeting on track ensures that any discussions don’t go too far outside these constraints |
| 6 | Implement sprint | * Implement detail design * Implement task and unit test * Update daily report |
| 7 | Review sprint | * Development Team demonstrates sprint accomplishments to the attendees and tester will run User Acceptance Test case with customer. |
| 8 | Release sprint product | * Release install and user guide document |
| 9 | Pre- next sprint | * Repair and decision to choose story item for next sprint |

Table 3: Admission project development process description

## Role and responsibility

|  |  |  |
| --- | --- | --- |
| **No** | **Role** | **Responsibility** |
| 1 | Product owner | This is normally a person in the division who is responsible for feature prioritization and overall acceptance of developed code. |
| 2 | Scrum master | The scrum master is a certified scrum master who oversees and ensures compliance with the admission project development process. The scrum master takes ownership for manage all product backlog items, removes impediments, and ensures proper estimation of each product backlog item. The scrum master is an expert and works directly with the product owner. |
| 3 | Development team | This is team that include persons who implement sprint to release sprint product in the end of sprint |

Table 4: Role and responsibility in Admission project development process

## Pros and cons

|  |  |
| --- | --- |
| **Pros** | **Cons** |
|  |  |
|  |  |

Table 5: Pros and cons of process

## Team structure

|  |  |  |
| --- | --- | --- |
| **No** | **Team member** | **Roles** |
| 1 | Le Ngoc Chau | Development team |
| 2 | Khau Thanh Dao | Development team |
| 3 | Ngo Quang Huy | Scrum master |
| 4 | Nguyen Phan Xuan Huy | Development team |
| 5 | Huynh Trong Khang | Product owner |
| 6 | Ta Ngoc Thien Phu | Development team |

Table 6: Team structure

# **Managerial Process**

## Management Objectives & Priorities

* Provide product in the 30-week period and within the proposed budget.
* Identify priority to complete the module to meet the requirements of customers in each period.
* Members of the team must meet and report progress of work assigned with person who has
* responsibility and scrum master weekly
* Meet the customers to report the progress of work with customers at the same time control and determine if any changes from the customers side weekly.

## Assumptions, Dependencies & Constraints

* Time and cost must be satisfied.
* Products must be reliable, satisfactory.
* Products must be consistent with functional and non-functional requirements which were identified
* Products must be friendly with user and easy to use
* All architect document have to review by customer and transfer for customer.

## Risk management plan

* Refer to folder: Risk management plan

## Change management plan

* Refer to folder: Change management plan

## Configuration management plan

* Refer to folder: Configuration plan

## Measurement plan

* Refer to: folder: Measurement plan

## Communication plan

* Refer to folder: Communication plan

## Architecture and design plan

* Refer to folder: Design

## Implement plan

* Refer to folder: Code

## Test plan

* Refer to folder: Test

## Team charter

* Refer to folder: Team charter

## Master Plans

N/A

# **Technical Process**

## Methods, Tools and Techniques

* Java 6
* Spring 3 + hibernate
* Maven 2
* Eclipse
* DB: MySQL
* Android app: sdk 4

## Software documentation

* Document software must comply with the standards of the development team.
* Review of documents will be carried out by the Scrum master at each stage of the job done.

# **Work Packages, Schedule**

## Work Packages

## Milestone

## Schedule