Vision and Scope

Văn Lang Admissions

# Revision Table

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| --- | --- | --- | --- |
| Author | Date | Reason for changes | Version |
| Minh Doan | 16/11/2016 | Initial the document | 1.0 |
| Minh Doan | 13/12/2016 | Fix data  Add Background, Vision Statement  Fix Template | 2.0 |
| Minh Doan | 18/04/2017 | Fix data | 2.1 |
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# INTRODUCTION

## Purpose

* This document is description about vision and scope of Van Lang Admissions project. It shows the vision what BSS – Team wants to toward and the scope of project for BSS – Team doesn’t exceed the limit of project.

## Audience

* The main audiences of this document are: Mentor, Base Steps Solution Team and customer.

# Business Requirement

## Background

* Văn Lang University is a non-public university, founded in 1995. Today, the school has 11,000 students enrolled. Every year, the recruitment of 3,000 new students enrolled. So support systems that promote enrollment, and enrollment management is always an important priority.

## Business Objective and Success Criteria

* Business Objective 1: Help admin and editors manage News, Categories and Q/A more effectively.
* Business Objective 2: Introduce information and admissions news of Văn Lang University.
* Business Objective 3: Help Admissions Department of Văn Lang University manages admissions easier.
* Business Objective 4: Allow the aptitude exam candidates can view result online.

# Vision of Solution

## Vision Statement

* Văn Lang Admission website will be integrated by different functions but that are programmed by the same programming language will help customer can manage the admission of Văn Lang University more effective and present to readers about Văn Lang University information.
* The candidates can view result online in website and can view news about Văn Lang University, the admission in current time.

## Major Feature

* Manage News
* Manage Categories
* Manage Examination
* Manage Banner
* Manage Pop-up
* Manage Q/A
* Manage Language
* Manage Account

# Scope and Limitations

* Văn Lang Admissions project includes three releases

## Scope of Initial Release

* Release 1:
* Manage News
* Manage Categories
* Manage Account

## Scope Of Subsequent Release

* Release 2:
* Manage Banner
* Manage Pop-ups
* Manage Q&A
* Release 3:
* Manage Language
* Manage Examination

## Limitations and Exclusion

* Some features may be included in the software but not required:
* View the admissions video
* Comment the admissions video

# Business Context

## Stakeholder Profile

* Customer is Văn Lang University and representative of customer is lecturer Nguyễn Thế Quang.
* BSS – Team.
* Mentor: lecturer Vũ Thế Nam.
* User: Admin System, Admin Content, Editor, Education Staff, Users.

## Project Constraint

* Start date: 1/10/2016
* End date: 30/4/2017
* Technical constraints:
* Database: mongodb, elasticsearch, redit
* Development language: JavaScript
* Framework: AngularJs
* Platform: NodeJs
* Quality attributes:
* High: Performance, Scalability, Availability.
* Medium: Modifiability, Usability, Portability.
* Low: Security.

## Operating Environment

User Computer:

* CPU: Intel Pentium 4 or higher.
* RAM: 1GB or higher.
* Resolution: 800x600
* Web browser:
  + Chrome
  + Firefox
  + Internet explorer
  + Cốc cốc

Server:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item | Webserver (minimal) | Webserver (recommended) | Combined Web & Database Server (minimal) | Combined Web & Database Server (recommended) |
| Processor | 1,6 GHz CPU | 2x1,6 GHz CPU | 2x1,6 GHz CPU | 4x1,6 GHz CPU |
| RAM | 1,75 GB RAM | 3,5 GB RAM | 3,5 GB RAM | 7 GB RAM |
| HDD | 1x 300 GB of free space or more is recommended for the web shop data (non-system drive is preferred)  1x 300 GB of free space or more is recommended for the software that is listed in the software requirements (system drive) | | | |
| Operation System | Linux | | | |