**International School, Duy Tan University**



CAPSTONE PROJECT 2

An Phu Farm System

**VISION AND SCOPE**

Version 1.0

21/02/2016

**Mentor : MSc. Nguyen Minh Nhat**

**Group Name : Lucid Team**

**Document Information**

|  |  |
| --- | --- |
| Project | An Phu Farm |
| Document Title | Vision and scope |
| Creator | Le Hoang Phhuc |

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Person | Date | Description |
| 1.0 | Le Hoang Phuc | 21- Feb - 2016 | Draft |
|  |  |  |  |
|  |  |  |  |

**Document Approval**

The following signatures are required for approval of this document

**Prepared by**

Doan Hai Dang Date

*Team Leader 21/02/2016*

Contents

[1. BUSINESS REQUIREMENTS](#_Toc435800243) 4

[1.1. BACKGROUND](#_Toc435800244) 4

[1.2. BUSINESS OBJECTIVES](#_Toc435800245) 4

[1.3. CUSTOMER AND MARKET NEEDS](#_Toc435800246) 5

[1.4. BUSINESS RISKS](#_Toc435800247) 5

[2. VISION OF THE SOLUTION](#_Toc435800248) 5

[2.1. VISION STATEMENT](#_Toc435800249) 5

[2.2. MAJOR FEATURES](#_Toc435800250) 5

[2.3. ASSUMPTIONS AND DEPENDENCIES](#_Toc435800251) 6

[3. SCOPE AND LIMITATIONS](#_Toc435800252) 6

[3.1. SCOPE OF INITIAL RELEASES](#_Toc435800253) 6

[3.2. SCOPE OF SUBSEQUENT RELEASES](#_Toc435800254) 6

[3.3. LIMITATIONS AND EXCLUTIONS](#_Toc435800255) 7

[4. BUSINESS CONTEXT](#_Toc435800256) 7

[4.1. STAKEHOLDER PROFILES](#_Toc435800257) 7

[4.2. PROJECT PRIORITIES](#_Toc435800258) 8

[4.3. OPERATING ENVIRONMENT](#_Toc435800259) 9

1. **BUSINESS REQUIREMENTS**
   1. **Background**

Nowadays, More and more hurtful food in market. It affected to people about healthy and disease. With An Phu Farm system, customer can have a live connect with An Phu Farm shop to search, booking fresh foods and another features. Everything become easily and convenient for improve healthy and quality of the life.

When the system is implemented successfully, An Phu Farm shop can increase competitive ability, grow the business performance and maximize the profits. Additionally, the system will be developed with a web application to help user accessing anywhere, anytime. And have ability to upgrade, update the new functions to meet the user requirements.

* 1. **Business Objectives**

BO-1 With the hustle lifestyle, crowded as nowadays . If you want to have a meal with a full range of nutrients almost you must go to the market where crowded, noisy and stuffy air, so uncomfortable to buy food or seek to mini-mart with a lack variety of foods.

BO-2 So difficult after a busy day you must go to the market to buy the food to prepare the family 's meal. Realize this problem. An Phu Farm shop ordered my team to developed an application have functions buy the food online with the full of variety food to solve all difficult about meal of users.

BO-3 Special, with An Phu farm system you will be support door-to-door delivery service. We believe that users will be satisfied.

BO-4 It helps in better planning and management of resources as per the requirements of company.

BO-5: Better work flow and improved efficiency are some of the important benefits of using system.

BO-6: It increases the quality of services, shortens delivery times and enhances the performance rate offered by companies.

BO-7: It helps in better planning and coordination of business resources so as to achieve maximum profit.

* 1. **Customer Need**

Customers – Shop owner: needs an application to manage the goods

Customers- Users: need an application have functions buy the food online can order online with the full of variety food to solve all difficult about meal of users.

* 1. **Business Risks**

RI-1: The successful implementation of An Phu Pham Application for business needs a lot of experience working solution providers as well as the willingness of enterprises.

RI-2: Users are not acceptable due to the high complexity.

RI-3: Deployment time and use prolonged.

RI-4: Difficulties in controlling, project leader.

RI-5: Compatibility with the software is expanded.

RI-6: Dissent extended during deployment.

1. **VISION OF THE SOLUTION**
   1. **Vision Statement**

For users who wish to order goods from ours website or from ours android application, the An Phu Farm System is an Internet-based application that will accept individual goods orders, process payments. Unlike the current telephone and manual ordering processes, users who use the An Phu Farm System will not have to go to the shop to get their goods, which will save them time and will increase the food choices available to them.

* 1. **Major Features**

FE-1: Show foods’s informations.

FE-2: Show foods’s images.

FE-3: Show foods’s price

FE-4: Online order.

FE-5: Search by bar code

FE-6: Online’s chat.

FE-7: Online’s payment.

FE-8: Show foods’s news.

FE-9: Show foods order‘s history.

FE-10: Food’s shopping cart.

* 1. **Assumptions And Dependencies**

DE :Users will be deliver all orders within 15 minutes of the requested delivery time.

AS 1: The staffs have many experiences.

AS 2: The computers need to be upgraded modern to handle multiple requests simultaneously.

AS 3 : The connection between office staff and delivery staff.

1. **SCOPE AND LIMITATIONS**
   1. **Scope Of Initial Releases**

On the first release, we will bring the following functions for An Phu Farm system:

* Show Goods information with image.
* Booking online.
* Payment online.
* Search Goods follow name or barcode.
* Shopping cart.
* Show Booking history.
* News.
* Live Chat.
  1. **SCOPE OF SUBSEQUENT RELEASES**

On the next release, we will bring the following functions for the An Phu Farm system.

* Show live’s camera to An Phu Farm.
* Call to shop’s manager throws android app.
  1. **Limitations And Exclutions**

Some functions which customer want, but it cannot be included into the system. For Example:

* Tracking of debt sales.
* Payment by card.
* Create an email notify promotions; create email introduce a new product, product characteristics; create updating email changes address, prices, how to buy.

1. **BUSINESS CONTEXT**
   1. **Stakeholder Profiles**

Table 4.1 Stakeholder profile

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Stakeholder** | **Major value** | **Attitudes** | **Major Interests** | **Constraints** |
| Project team | Ability to recover systems quickly in the event of a disaster; ability to create test environment to perform system testing of patches and applications. | Reduce the recoverability time of production systems by 55%, ability to create test servers without impacting work. |  |  |
| User | Ability to place and access orders without interruption of system | Increased level of confidence in our Team | Ability to access without system outages | Active Application and Website 24/7 prohibits unscheduled downtime |
| Executives | Increased system availability | See production downtime reduced by 90% for routine system, see recoverability time of production systems reduced by 45% | Ability to recover quicker from system outage, and increased availability of systems | Maximum budget = $....... |
| Internal Staff | Increased system availability | Improved customer communications by being able to access the system without interruption | Reduced downtime | Increased expectations of high availability systems |

* 1. **Project Priorities**

Table 4.2 Project Piorities

|  |  |  |  |
| --- | --- | --- | --- |
| **Dimension** | **Driver (state objective)** | **Constraint (state limits)** | **Degree of Freedom (state allowable range)** |
| Design | Design Approval | Design rejected and must revisit design. Could prolong design phase by 1-2 weeks. | Ability to move forward with a partial approval and resubmit final design within 1 week. |
| Test server implementation | Implement test server configuration by | Unexpected configuration difficulties | 1 week possible delay |
| Features |  |  | 70-80% of high priority features must be included in release 1.0 |
| Quality |  |  | 90-95% of user acceptance tests must pass for release 1.0, 95-98% for release 1.1 |
| Staff |  | Maximum team size is 4 developers and testers |  |
| Cost | Bring project in under the projected $.......... budget | Variances in pricing between possible solutions. | Budget overrun up to 15% acceptable without executive review. |

* 1. **Operating Environment**

Executive, Shop manager of An Phu Farm have the ability to access on our corporate Web site 24 hours a day, seven days a week.

The restoration solution will provide reduced production downtime for routine *An Phu Farm System* and decrease recoverability in the event full system recoverability is required. The reductions in system outage requirements will allow the organization to schedule these outages to fulfill the need for the system .

|  |  |  |
| --- | --- | --- |
| ***Prepared by*** | ***Signature*** | ***Date*** |
| Doan Hai Dang  Mr    K18CMUTPM1 | | / / |
| Le Hoang Phuc  Mr    K18CMUTPM1 | | / / |
| Le Dinh Doan  Mr  K18CMUTPM1 | | / / |
| Nguyen Ba Chinh  Mr  K18CMUTPM1 | | / / |
| ***Approved by*** | ***Signature*** | ***Date*** |
| Nguyen Minh Nhat  Msc, Mentor  Duy Tan University | | / / |