Bakery Online Service (BOS) – Bata Team



Capstone Project Final Report **Bakery Online Service**

**Ha Noi, Aug, 29th, 2019**

1

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**Acknowledgement**

*This study could not have been completed without the help and support of many individuals and organizations. Therefore, we would like to express our appreciation and gratitude to those who have supported us during the most important milestone of university years.*

*Firstly, we would like to express our thanks to Mr. Nguyen Van Sang, who has guided and supported us in the process of the study. Thanks to his specialized knowledge and experience in guiding thesis, he guided us since the first step, helped us fix the imperfections in the process to have the most perfect capstone project we can do. This research could not have been done effectively without Mr. Sang.*

*We would also like to thank all lecturers in FPT University for the instruction, knowledge and support they have given.*

***Hoa Lac, Aug 29th, 2019***

***Authors of capstone project***

2

Bakery Online Service (BOS) – Bata Team

Table of Contents

**DEFINITIONS AND ACRONYMS................................................................................................ 6 I. INTRODUCTION ................................................................................................................... 7 1.1 PURPOSE** 目的**.................................................................................................................. 7 1.2 PROJECT INFORMATION** プロジェクト情報 **.............................................................. 7 1.3 THE PEOPLE** 人事 **............................................................................................................ 7 1.4 BACKGROUND** 問題**........................................................................................................ 8 1.5 INITIAL IDEA** 最初のアイデア**....................................................................................... 8 1.6 LITERATURE REVIEW** 文献レビュー**.......................................................................... 8 1.6.1 TheGioiBanhKem ........................................................................................................ 8 1.6.2 HaiHaBakery................................................................................................................ 9 1.7 PROPOSAL** 提案**............................................................................................................. 10 1.7.1 Brief description about system................................................................................... 10 1.7.2 System features: ......................................................................................................... 10 1.7.3 Out of Scope ............................................................................................................... 11 1.8 BENEFIT FROM PROJECT** プロジェクトからの利益**.................................................. 11 1.9 CRICTICAL ASSUMPTION AND CONTRAINTS** 批評的なな仮定と制限**............... 12**

**II. SOFTWARE PROJECT MANAGEMENT PLAN** ソ フトウェアプロジェクトの管理 計画 **............................................................................................................................................ 13**

**2.1 PURPOSE** 目的**................................................................................................................ 13 2.1.1 Software Process** ソフトウェアプロセス **............................................................... 13 2.2 PROJECT ORGANIZATION** プロジェクト組織**......................................................... 13 2.2.1 Project organization structure** プロジェクト組織構造**............................................ 13 2.2.2 Project team member** プロジェクトチームメンバー **............................................. 14 2.2.3 Tool and Technique** ツールとテクニック **................................................................ 14 2.3 PROJECT MANAGEMENT PLAN** プロジェクト管理計画**........................................... 15 2.3.1 Task** タスク**................................................................................................................ 15 2.3.2 Coding Conventions** コーディング規約**.................................................................. 15 2.3.3 Risk Management Plan** リスク管理計画**................................................................... 15 2.3.4 Project Schedule** プロジェクトスケジュール**.......................................................... 17 III. SOFTWARE REQUIREMENT SPECIFICATIONS** ソフトウェア要件仕様書 **........... 19 3.1 PURPOSE** 目的**............................................................................................................... 19 3.2 FUNCTIONAL REQUIREMENT** 機能要件**................................................................... 19 3.2.1 Use Case Diagram** ユースケース図**......................................................................... 19**

3

Bakery Online Service (BOS) – Bata Team

**3.2.2 Business Rules** ビジネスルール**................................................................................. 31 3.2.3 Use Cases** ユースケース **............................................................................................ 32 3.3 NON-FUNCTIONAL REQUIREMENT** 非機能要件 **.................................................... 160 3.3.1 Security** セキュリ **7** ティ **......................................................................................... 160 3.3.2 Availability** 可用性**................................................................................................. 160 3.3.3 Usability** ユーザビリティ**...................................................................................... 160 3.3.4 Performance** パフォーマンス**................................................................................ 161 3.3.5 Maintainability** 保守性**........................................................................................... 161 3.4 ENTITY RELATIONSHIP DIAGRAM** エンティティ関係図**.................................... 161 IV. SOFTWARE DESIGN DESCRIPTION** ソフトウェア設計形容**.............. 162 4.1 PURPOSE** 目的**................................................................................................................. 162 4.2 ARCHITECTURE OVERVIEW** アーキテクチャ概要**................................................ 162  System Architecture** システムアーキテクチャ **................................................... 162  BOS Application Architecture** BOS アプリケーションアーキテクチャ **............. 163 4.3 SYSTEM DESIGN** システム設計**............................................................................... 163  Database Design** データベース設定 **..................................................................... 163  Detail Design** 詳細な設計**....................................................................................... 166 V. SOFTWARE TESTING DOCUMENTATION** ソフトウェアテスト資料**............... 269 5.1 INTRODUCTION ............................................................................................................ 269 5.1.1 Purpose** 目的**............................................................................................................ 269 5.1.2 Scope of testing** テストの範囲**................................................................................. 269 5.2 TEST PLAN** テスト計画**................................................................................................ 270 5.2.1 Testing and environment** テストと環境**................................................................ 270 5.2.2 Resources and responsibilities** リソースと責任**.................................................... 271 5.2.3 Test Strategy** テスト戦略**....................................................................................... 272 5.2.4 Features to be tested** テストする機能**................................................................... 274 5.3 TEST CASE** テストケース **............................................................................................ 275 5.3.1 Unit Testing** 単体テスト**........................................................................................... 275 5.3.2 Integration Testing** 統合テスト**.............................................................................. 275 5.3.3 System Testing** システムテスト**............................................................................ 275 5.3.4 Acceptance Testing** 受け入れテスト**...................................................................... 275 5.4 TEST REPORT** 試験報告書 **........................................................................................... 277 5.4.1 System test case report** システムテストケースレポート **..................................... 277**

4

Bakery Online Service (BOS) – Bata Team

**VI. USER MANUAL** ユーザーマニュアル .......................................................................... 281 **6.1 INSTALLATION GUIDELINES** インストールガイドライン**..................................... 281 6.1.1 Environment** 環境. ................................................................................................... **281 6.1.2 Deployment** デプロイメント. ................................................................................. **281 6.2 USER GUIDELINES** ユーザーガイドライン**................................................................ 288 6.2.1 Homepage** ホームページ **........................................................................................ 288 6.2.2 View product** 商品を見ます **..................................................................................... 288 6.2.3 View detail product** 詳細な商品を見ます**................................................................ 289 6.2.4 View post** ニュースを見ます**.................................................................................... 289 6.2.5 Buying Method** 商品を買い方**.................................................................................. 290 6.2.6 View Guide Policy And Return** ガイドポリシーと返品の表示**.............................. 290 6.2.7 Admin** 管理者**............................................................................................................ 291 6.2.8 Shipper** 配達員**.......................................................................................................... 297**

5

Bakery Online Service (BOS) – Bata Team

**DEFINITIONS AND ACRONYMS**

|  |  |  |
| --- | --- | --- |
| **Acronym** | **Definitions** | **Note** |
| **BOS** | **Bakery Online Service** |  |
| **AF** | **Alternative flows** |  |
| **ET** | **Extension** |  |
| **ERD** | **Entity Relationship Diagram** |  |
| **GUI** | **Graphic User Interface** |  |
| **OS** | **Operating System** |  |
| **N/A** | **Not available** |  |
| **PM** | **Project Manager** |  |
| **Q&A** | **Question and Answer** |  |
| **MVC** | **Model - View - Controller** |  |
| **SRS** | **Software Requirement Specification** |  |
| **UC** | **Use case** |  |
| **API** | **Application Programming Interface** |  |
| **SQL** | **Structured Query Language** |  |
| **PR** | **Public Relations** |  |
| **MVP** | **Minimum Viable Product** |  |

6

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**I. INTRODUCTION**

はじめに

**1.1 PURPOSE** 目的

This document is created as an introduction to can ordering product on Bakery Online Service (BOS) project, a capstone project of Bata Team at FPT University. This document describes the overview of some existing systems, the initial idea, a brief description about expected system and some potential risks, critical assumptions and constraints. Moreover, this document also shows opportunities that are offered to end users.

**1.2 PROJECT INFORMATION** プロジェクト情報

∙ Project name: Bakery Online Service

∙ Project code: BOS

∙ Project group name: Bata Team

∙ Project type: Web base application

∙ Timeline: May 13th 2019 - Aug 29th 2019

**1.3 THE PEOPLE** 人事

**Supervisor:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Full Name** | **Phone** | **Mail** | **Title** |
| Supervisor | Nguyen Van  Sang | 0912210727 | SangNV@fe.edu.vn | Lecturer |

**Team member:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Full Name** | **Roll** | **Phone** | **Email** | **Role** |
| Tran Quoc Khanh | SE04586 | 0389146114 | KhanhTQSE04586@fpt.edu.v n | Team  Leader |
| Le Van Phuc | SE04717 | 0389903345 | PhucLVSE04717@fpt.edu.vn | Team  Member |
| Bui Quoc Tuan | SE04702 | 0972193664 | TuanBQSE04702@fpt.edu.vn | Team  Member |
| Hoang Dang Tuan | SE03730 | 0942147333 | TuanHDSE03730@fpt.edu.vn | Team  Member |

7

Bakery Online Service (BOS) – Bata Team

**1.4 BACKGROUND** 問題

Today, the need to order food online is increasing, especially about bakery. In Vietnam, along with the tendency to develop 4.0 technology especially the internet - internet of thing and everyone owns their own devices that can connect to the internet, this demand is increasing. Realizing the potential of developing a model of online ordering service, Ms. Thu

is the owner of HaNoi bakery has come up with some ideas about online ordering service model and contacting Bata Team to Create an online ordering system for bakeries. And BOS is an MVP of that idea.

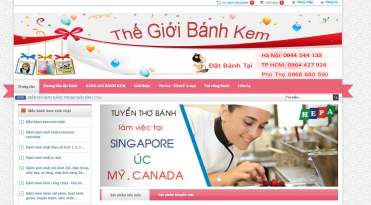
**1.5 INITIAL IDEA** 最初のアイデア

Build a system to help users easily use and order product. Make it easy for managers to statistically analyze and control store activity.

**1.6 LITERATURE REVIEW** 文献レビュー

**1.6.1 TheGioiBanhKem**

TheGioiBanhKem is a website owned by an individual who specializes in the bakery. The website is designed to be simple and can be used with the main functions:



*Figure 1.1-TheGioiBanhKem webisite*

**Functions**:

∙ Instroduction order product

∙ Collection

∙ Contact

∙ News

∙ TheGioiBanhKem homepage: https://thegioibanhkem.com.vn/

**Pros:**

8

Bakery Online Service (BOS) – Bata Team

∙ Provided enough all services help users can known too much information. ∙ User interface is easy to use.

∙ Have share function via Instagram, Email,Facebook …

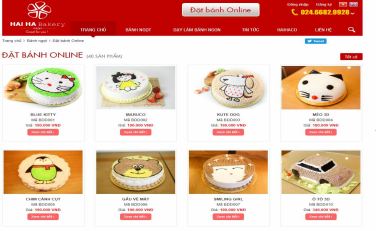
**Cons:**

∙ Users can’t paying money by online.

∙ Have not cancellation function . For example If I want to cancel order but on website has not this function.

**1.6.2 HaiHaBakery**

HaiHabakery a website about bakery. It’s just introduction information about some kinds of bakery, price and address of store. The website is designed to be simple and can be used with the main functions.



*Figure 1.2-HaiHabakery Website*

**Functions:**

∙ Product

∙ News

∙ About

∙ Contact

∙ Lamia home page: http://haihabakery.vn/

**Pros:**

9

Bakery Online Service (BOS) – Bata Team

∙ Provided enough all services help users can known too much information. ∙ User interface is well designed and easy to use.

∙ Users can order product online.

∙ Includes full information for users to capture product information. **Cons:**

∙ If I want to know how to change , return and cancel the product, I have to call the store.

**1.7 PROPOSAL** 提案

**1.7.1 Brief description about system**

The system consists of five user types: end user, admin, manager, staff, shipper. - The end user is anybody who find information and order online product on BOS web.

- The Admin is anybody who monitor and controls the operation of BOS system.

- The Manager is anybody who monitor and controls the operation of BOS system and is controlled by admin.

- The Staff is being a hired employee who is responsible for system management and sales.

- The Shipper is a hired employee whose task is to deliver products to customers.

**1.7.2 System features:**

End user’s features:

- View Product

- Order Product

- View Orders Status

- View Information Of Store

Admin’s features:

- Manage Product

- Manage Manager

- Manage Staff

- Manage Shipper

- Manage Customer

- Manage Feedback

- Manage Revenue

- Manager Posts

- Manager Orders

Manager’s features:

- Manage Product

- Manage Staff

10

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- Manage Shipper

- Manage Customer

- Manage Feedback

- Manage Revenue

- Manager Posts

- Manager Orders

Staff’s features:

- Manage Product

- Manage Customer

- Manage Feedback

- Manage Revenue

- Manager Posts

- Manager Orders

Shipper’s features:

- View Orders

- Report Orders Status

- View Address Of Customer

**1.7.3 Out of Scope**

Because of the time limitation, we will not implement these following functions in the BOS initial version 1.0.0 release of the project but not permanently excluded, and will be developed in future version 2.0.0, although we are aware that they so also important:

∙ BOS will try to create mobile application on Android and IOS platforms. ∙ BOS will analyze end user’s information to recommend what should to do.

Finally, we use some new approaches to solve the stated problems. Having awareness of the importance of new technologies, we aim at applying them to our project.

**1.8 BENEFIT FROM PROJECT** プロジェクトからの利益 For end user, can take the initiative in ordering product and choose time to do delivery. Save time. Save money.

For admin, manager, staff, easy management and statistics of store such as order, shipper, customer. They are easy PR store to people by website platform.

For shipper can view some orders and report for manager about orders status.

For Bata Team, during the time doing the project, Bata Team can learn how to work in a real project, manage the project, well communicated with team members and others, spend time sensibility, work in team effectively.

11

Bakery Online Service (BOS) – Bata Team

**1.9 CRICTICAL ASSUMPTION AND CONTRAINTS** 批評的なな仮定 と制限

Critical assumption:

- Developer can use Laravel Framework to build API, Bootstrap and JS for front end

- All member in team have a good heath to work

Constraints:

- Template: Documents are following FPT University’s template

- Time and Deadline: May 13th 2019 - Aug 13th 2019

- Delivery: Aug 13th 2019

- Product: Bakery Online Service

12

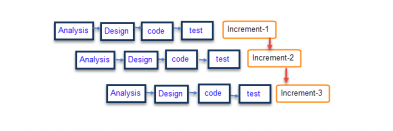
Bakery Online Service (BOS) – Bata Team

**II. SOFTWARE PROJECT MANAGEMENT PLAN** ソ フトウェアプロジェクトの管理計画

**2.1 PURPOSE** 目的

This chapter provides an overview of the project plan including project organization and project management plan

**2.1.1 Software Process** ソフトウェアプロセス

*Figure 2-1: Incremental Software Process Model*

BOS project uses the Incremental Software Process Model.

The Incremental Model is a process of software development where requirements are broken down into multiple standalone modules of software development cycle. Incremental development is done in steps from analysis design, implementation, testing/verification, maintenance.

**2.2 PROJECT ORGANIZATION** プロジェクト組織

**2.2.1 Project organization structure** プロジェクト組織構造

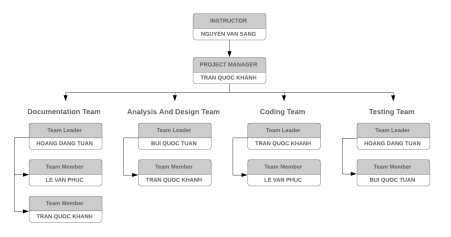
|  |  |
| --- | --- |
| **Role** | **Responsibility** |
| Project Manager | Planning, developing schedules, coordinating communication, generally responsible for keeping the team’s focus on the main goal. |
| Technical Leader | Responsible for choosing and deciding what technologies should be  used, as well as for overseeing the work being done by other developers. |
| Quality Assurance  Manager | Ensuring the product meets the certain standards of quality from  requirements. |
| Test Leader | Responsible for test execution, including test set-up and test run,  evaluation of test run and error recovery, defect logging and test results recording. |

13

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| Developer | Involve to code the product and review code of other developers. |
| Designer | Involve to design product’s user interface. |
| Tester | Involve to test the product. |
| Business Analyst | Analyzes an organization or business domain and documents its business or processes or systems. |

*Table 2-1: Project Structure*

**2.2.2 Project team member** プロジェクトチームメンバー *Table 2-2: Project Team Member*

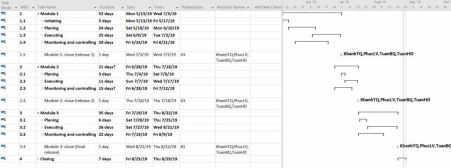
**2.2.3 Tool and Technique** ツールとテクニック

|  |  |
| --- | --- |
| **Programming languages** | PHP, BootStrap, JS |
| **Framework** | Laravel 5.7 |
| **API** | Restful API, Facebook API, Google Map API |
| **DBMS** | My SQL |
| **IDEs/Editors** | Sublime, PHP Storm 19.1.3 |
| **UML tools** | Astah, Creately |
| **Version Control** | Git lab |
| **Deployment server** | XAMPP 7.3.6 |
| **Project management tool** | Microsoft Project. |
| **Process model** | Incremental Software Process Model |
| **Development process** | Test-driven development, Behavior Driven Development |

14

Bakery Online Service (BOS) – Bata Team

**2.3 PROJECT MANAGEMENT PLAN** プロジェクト管理計画 **2.3.1 Task** タスク

\*\*\* Detail about task in file BOS\_project.mmp

**2.3.2 Coding Conventions** コーディング規約

Purpose:

− Easy maintenance, fix bug.

− Let others understand your source code.

− Uniform code between team members.

Follow PHP Coding Convention at:

https://www.php-fig.org/psr/psr-2/

**2.3.3 Risk Management Plan** リスク管理計画

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Description** | **Avoidance plan** | **Contingency plan** | **Impact** |
| 1 | Conflict  between team  members | • Manage teambuilding activities to connect  team members.  • Create a friendly  environment. | • Talk to involved team members personally and in group to work out a solution | Medium |
| 2 | Change  Requirement | • Take time to  brainstorm features  carefully with all team  members.  • Meticulously design  system, take care of all | • Hold meeting with supervisor to decide which features is  suitable for  implementation. | High |

15

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | possible situations to  avoid changes. |  |  |
| 3 | Team member  do not meet the  deadline | • Assign tasks to  suitable team members depending on their  strength and weakness. • Define punishment for team member who  miss deadlines. | • Find the root cause of the problems  • Assign task to other team member.  • Break down task to smaller tasks and  assign new tasks to team members. | High |
| 4 | Team members  lack technical  skills and  knowledge | • Technical leader  provides workshops  and training sessions  for developers to  acquire needed  knowledge and  techniques.  • Encourage team  members to study on  themselves for their  technical personal  needs  • Develop project plan  with regards to  training and self- study period. | • Technical leader  assists  team member  personally  or in group to develop required skills and  knowledge. | Medium |
| 5 | Data lost | • Backup database  automatically daily  • Use GitHub for  version control of  source code | • Restore data from backed up data  • Restore source code from history versions | High |
| 6 | Absences of  team members | • Provide meeting  schedules and  deadlines in advance  so that all team  member knows the  time and place where  they will be needed.  • PM should be warned | • Assign important  tasks to other suitable team members. | Medium |
| 7 | New technology | • Choosing technology based on member’s  qualification. All team members must nurture  by self-study. | • When the technical leader chooses a new technology, he has to explain to all team  members about the  decision. | Medium |
| 8 | Business  problem | • Study the terms of  service use of the  provider | • Required to pay to use High |  |

16

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**2.3.4 Project Schedule** プロジェクトスケジュール

**Meeting Minutes Template:**

Meeting minutes is written for any meeting. It follows the following template: Project code: BOS Date: 16/5/2019 Project manager: Tran Quoc Khanh Secretary: Le Van Phuc Venue: P207

List of attendants

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Full name | Unit/Group | Position | Attendance |
| 1 | Nguyen Van Sang | FPT University | Supervisor | Present |
| 2 | Tran Quoc Khanh (KhanhTQ) | FPT University | Team Leader | Present |
| 3 | Le Van Phuc (PhucLV) | FPT University | Team Member | Present |
| 4 | Bui Quoc Tuan (TuanBQ) | FPT University | Team Member | Present |
| 5 | Hoang Dang Tuan (TuanHD) | FPT University | Team Member | Present |

Content

|  |  |
| --- | --- |
| Program/Area: | - Project name: Order Food Online Service  - Customer :  - Scope & Objectives:  - Planned start date and end date : 6/5/2019 – 26/8/2019 - Team size and list of team member: 4 |
| Meeting purpose: | Discuss capstone project and issues |
| Meeting date | 6/5/2019 |
| Meeting time: | 1:15PM |
| Meeting location: | P207 |
| Meeting facilitator: | Mr. Nguyen Van Sang |
| Minutes issued by: | 90 minutes |

|  |
| --- |
| Decisions made |

17

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|  |
| --- |
| Change topic from “Fast food order” to “Cake order”  Change the order’s properties to close to reality  Combine entities staff, manager, administrator into staff entity then add “role” properties Change name of “id” property to another. |

|  |
| --- |
| Discussion |
| Entity relationship diagram(ERD)  Show moke up of all screen  Change name of topic to close to reality and to have high applicability  Change name of properties to close to reality |

**Weekly meeting schedule:**

We use Incremental Process Model, then we divide the system into two sub systems (BOS Backend and BOS Frontend), each sub-system is divided into a series of small tasks. Each task is logged to Facebook then estimated depending on difficulty and the amount of work by the whole team, after that the task will be assigned to team members by the Team Leader and depending on difficulty the Technical Leader will assign deadlines for each task.

We will have a meeting every Friday to inform to all team about what each member finished last week, the status (fast, on time or slow), the issues met and how to solve them. If any member raises any issue, the whole team will help to find out a solution together. After that, the team will define detailed stories for next week tasks.

**Daily meeting schedule:**

Each sub-system has one development team with different schedule. When starting work-day, each team will have a stand-up meeting to inform to others: “What did I do yesterday?”, “What will I do today?” and “Is there any difficulty?” By focusing on what each person accomplished yesterday and will accomplish today, the team gains an excellent understanding of what has been done and what remains.

**Unscheduled meeting:**

If someone has an important problem that he wants to solve

immediately, we will have a meeting for discussion, usually via some online channel: Chatwork or Phone.

**Communication channel:**

Our main communication channel is Chatwork. On the other hand, we use face-to-face meeting, Chatwork group. However, we sometimes make a phone call or instant message if someone has a problem

18

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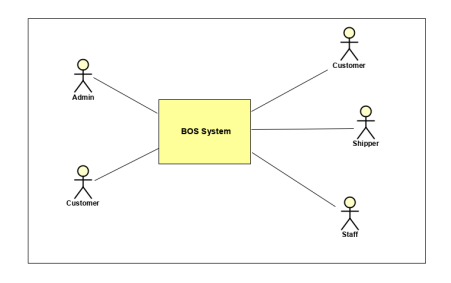
**III. SOFTWARE REQUIREMENT SPECIFICATIONS** ソフトウェア要件仕様書

**3.1 PURPOSE** 目的

This chapter outlines functional and non-functional requirements of our website. It also provides some format constraints in common requirements and project success criteria. All members will work on the basic of the information provided in this chapter.

**3.2 FUNCTIONAL REQUIREMENT** 機能要件

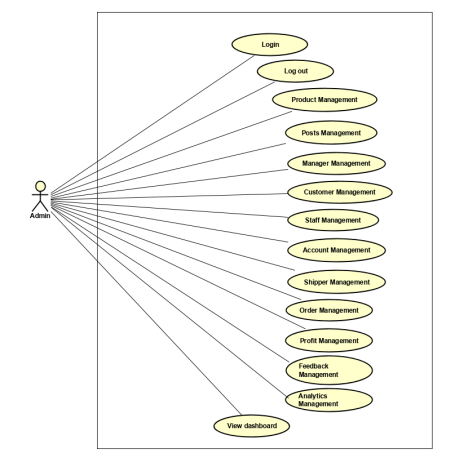
**3.2.1 Use Case Diagram** ユースケース図

*Figure 3-1: Use case diagram of BOS system*

19

Bakery Online Service (BOS) – Bata Team

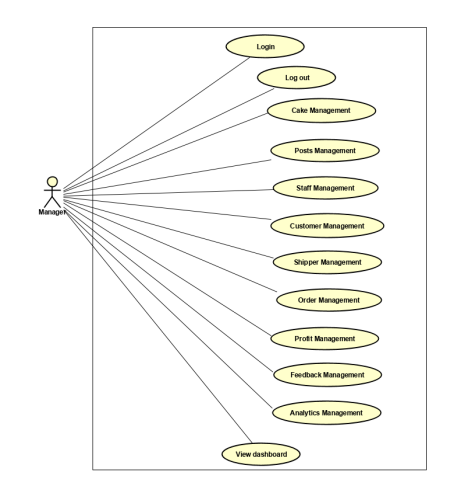
**Use case diagram for Admin**

*****Figure 3-2: Use case diagram for Admin*

20

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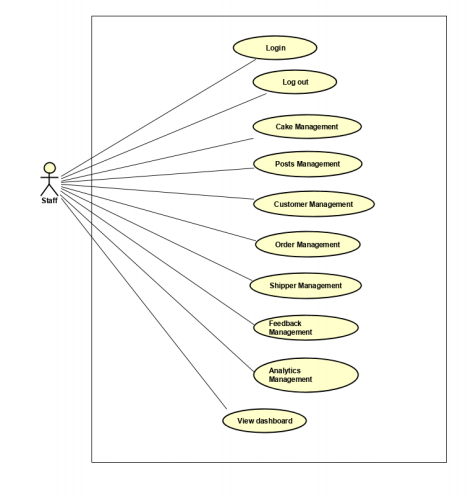
**Use case diagram for Manager**

*****Figure 3-3: Use case diagram for Manager*

21

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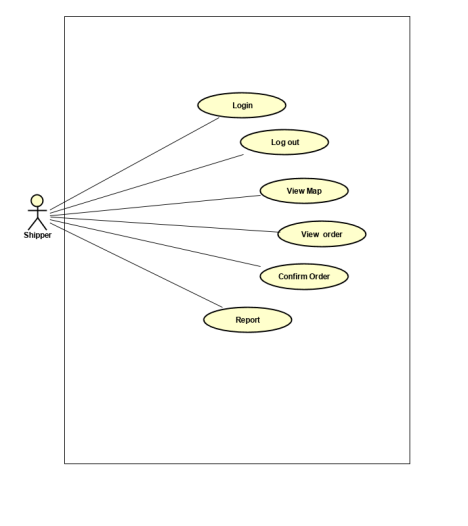
**Use case diagram for Staff**

*****Figure 3-4: Use case diagram for Staff*

22

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**Use case diagram for Shipper**

*****Figure 3-5: Use case diagram for Shipper*

23

Bakery Online Service (BOS) – Bata Team



*Figure 3-6: Use case diagram for Customer*

24

Bakery Online Service (BOS) – Bata Team

**Use case diagram detail:**

*****Figure 3-7: Manage order for admin, manager, staff*

25

Bakery Online Service (BOS) – Bata Team

*Figure 3-8: Manage posts for admin, manager, staff*

**26

Bakery Online Service (BOS) – Bata Team

*Figure 3-9: Manage shipper for admin, manager, staff*

*Figure 3-10: Manage analytic for admin, manager, staff*

*Figure 3-11: Manage feedback for admin, manager, staff*

27

Bakery Online Service (BOS) – Bata Team



*Figure 3-12: Manage customer for admin, manager, staff*

*Figure 3-13: Manage cake for admin, manager, staff*

28

Bakery Online Service (BOS) – Bata Team



*Figure 3-14: Manage account for admin*

*Figure 3-15: Manage manager for admin*

29

Bakery Online Service (BOS) – Bata Team



*Figure 3-16: Manage profit for admin , manager*

30

Bakery Online Service (BOS) – Bata Team

*Figure 3-17: Manage staff for admin, manager*

**3.2.2 Business Rules** ビジネスルール

|  |  |
| --- | --- |
| **No** | **Description** |
| B01 | Username cannot be empty. |
| B02 | Password cannot be empty. |
| B03 | Phone number must contain exactly 10 digits. |
| B04 | Username must contain only letters. |
| B05 | Username, Email cannot be empty. |

31

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| B06 | User address is required |
| B07 | Phone number and address are required |
| B08 | Feedback’s title cannot be empty. |
| B09 | Feedback’s content cannot be empty. |
| B10 | Post’s title cannot be empty. |
| B11 | Post’s content cannot be empty. |
| B12 | Collection’s name cannot be empty. |
| B13 | Cake’s details cannot be empty. |
| B14 | Cake’s price must be positive number. |
| B15 | Cake’s time must be positive number. |
| B16 | The staff will validate the order before the shipping |
| B17 | The staff will contact the buyer before letting the shipper know |
| B18 | Shipper must inform the order status |
| B19 | The manager will validate the orders everyday |

*Table 3-2: Business rules*

**3.2.3 Use Cases** ユースケース

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Actor** | **Name** | **Description** |
| UC-01 | Customer | View Homepage | This function allows user to view Homepage of BOS website. |
| UC-02 | Customer | Login | This function allows user to login in website |
| UC-03 | Customer | Log out | This function allows user to log out website. |
| UC-04 | Customer | Register Account | This function allows user to register account to become a member of website. |
| UC-05 | Customer | Change Password | This function allows user to change password. |

32

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| UC-06 | Customer | Forget password | This function allows user to get password again. |
| UC-07 | Customer | Update information | This function allows user to update personal  information. |
| UC-08 | Customer | View List Cake | This function allows user to view all cake. |
| UC-09 | Customer | View List Orders | This function allows user to view all list orders. |
| UC-10 | Customer | View Favorite Cake | This function allows user to view cake that user is  favorite. |
| UC-11 | Customer | View Posts | This function allows user to list posts about cake, news. |
| UC-12 | Customer | View Feedback | This function allows user to view feedback that user sent. |
| UC-13 | Customer | View History | This function allows user to view history order and payment. |
| UC-14 | Customer | View About Us | This function allows user to view information about address, number phone of store. |
| UC-15 | Customer | View Guide Ordering And Return | This function allows user to view instructions for  ordering and exchanging returns. |
| UC-16 | Customer | View Detail Cake |  |
| UC-17 | Customer | Share | This function allows user to share information of cake on Facebook. |
| UC-18 | Customer | Search | This function allows user to search information of cake |
| UC-19 | Customer | Comment | This function allows user to comment and exchange cake information. |
| UC-20 | Customer | Feedback | This function allows user to give feedback to manager of system |
| UC-21 | Customer | Payment | This function allows user to pay money after choosing cake. |
| UC-22 | Customer | Add Cake | This function allows user choose and add cake to buy into order |
| UC-23 | Customer | Remove Cake | This function allows user remove cake in order |

33

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| UC-24 | Customer | Cancel Order | This function allows user can cancel order. |

*Table 3-3: Use Case list Customer*

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Actor** | **Name** | **Description** |
| AD-UC-1 | Admin | Login | This function allows admin to log in website’s admin page |
| AD-UC-2 | Admin | Logout | This function allows admin to log out website’s admin page |
| AD-UC-3 | Admin | View dashboard | This function allows admin to view dashboard |
| AD-UC-4 | Admin | View list account | This function allows admin to view all accounts |
| AD-UC-5 | Admin | Reset password | This function allows admin to reset password for user’s accounts |
| AD-UC-6 | Admin | Remove Account | This function allows admin to remove accounts |
| AD-UC-7 | Admin | Add account | This function allows admin to add accounts without register function |
| AD-UC-8 | Admin | View list customer | This function allows admin to view all customers |
| AD-UC-9 | Admin | Add customer | This function allows admin to add a customer without register function |
| AD-UC-10 | Admin | Edit customer | This function allows admin to edit information of customers |
| AD-UC-11 | Admin | Remove customer | This function allows admin to remove customers |
| AD-UC-12 | Admin | Search customer | This function allows admin to search a customer or a group of customers |

34

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| AD-UC-13 | Admin | View list staff | This function allows admin to view all accounts which role is staff |
| AD-UC-14 | Admin | Add staff | This function allows admin to add staffs without register function |
| AD-UC-15 | Admin | Edit staff | This function allows admin to edit information of staffs |
| AD-UC-16 | Admin | Remove staff | This function allows admin to remove staffs |
| AD-UC-17 | Admin | Search staff | This function allows admin to search a or a group of staff |
| AD-UC-18 | Admin | View list manager | This function allows admin to view all managers |
| AD-UC-19 | Admin | Add manager | This function allows admin to add manager’s accounts without  registration |
| AD-UC-20 | Admin | Edit manager | This function allows admin to edit manager’s information |
| AD-UC-21 | Admin | Remove manager | This function allows admin to remove managers |
| AD-UC-22 | Admin | Search manager | This function allows admin to search managers |
| AD-UC-23 | Admin | View list shipper | This function allows admin to view all shippers |
| AD-UC-24 | Admin | Add shipper | This function allows admin to add shipper’s accounts without register function |
| AD-UC-25 | Admin | Edit shipper | This function allows admin to edit shipper’s information |
| AD-UC-26 | Admin | Remove shipper | This function allows admin to remove shippers |

35

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| AD-UC-27 | Admin | Search shipper | This function allows admin to search shippers |
| AD-UC-28 | Admin | View list cake | This function allows admin to view all cakes |
| AD-UC-29 | Admin | Add cake | This function allows admin to add new cakes |
| AD-UC-30 | Admin | Edit cake | This function allows admin to edit information of cakes |
| AD-UC-31 | Admin | Remove cake | This function allows admin to remove cakes |
| AD-UC-32 | Admin | Search cake | This function allows admin to search cakes |
| AD-UC-33 | Admin | View list order | This function allows admin to view all the orders in a day |
| AD-UC-34 | Admin | Search Order | This function allows admin to search an order or a group of orders |
| AD-UC-35 | Admin | Edit information of order | This function allows admin to edit information in orders (just some attributes in the order) |
| AD-UC-36 | Admin | Add order | This function allows admin to add new orders |
| AD-UC-37 | Admin | Remove order | This function allows admin to remove orders |
| AD-UC-38 | Admin | View list post | This function allows admin to view all post in a day |
| AD-UC-39 | Admin | Add post | This function allows admin to create new posts |
| AD-UC-40 | Admin | Edit post | This function allows admin to edit the exist posts |

36

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| AD-UC-41 | Admin | Remove post | This function allows admin to remove posts |
| AD-UC-42 | Admin | Search post | This function allows admin to search posts |
| AD-UC-43 | Admin | View total profit | This function allows admin to view or calculate profit |
| AD-UC-44 | Admin | View number of  access | This function allows admin to view number of access |

*Table 3-4: Use Case list Admin*

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Actor** | **Name** | **Description** |
| UC-01 | Manager | Login | This function allows  manager to log in OBS admin page |
| UC-02 | Manager | Log out | This function allows  manager to log out OBS admin page |
| UC-03 | Manager | View List Cake | This function allows  manager to view all list cake |
| UC-04 | Manager | Add Cake | This function allows  manager to add a new cake |
| UC-05 | Manager | Edit Cake | This function allows  manager to edit cake |
| UC-06 | Manager | Remove Cake | This function allows  manager to remove cake |
| UC-07 | Manager | Search Cake | This function allows  manager to search cake |
| UC-08 | Manager | View List Post | This function allows  manager to view all list post |
| UC-09 | Manager | Add Post | This function allows  manager to add a new post |
| UC-10 | Manager | Edit Post | This function allows  manager to edit post. |
| UC-11 | Manager | Remove Post | This function allows  manager to remove post |
| UC-12 | Manager | Search Post | This function allows  manager to search post |

37

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| UC-13 | Manager | View List Staff | This function allows  manager to view all list Staff |
| UC-14 | Manager | Add Staff | This function allows  manager to add a new staff |
| UC-15 | Manager | Edit Staff | This function allows  manager to edit staff |
| UC-16 | Manager | Remove Staff | This function allows  manager to remove staff |
| UC-17 | Manager | Search Staff | This function allows  manager to search staff |
| UC-18 | Manager | View List Customer | This function allows  manager to view all list customer |
| UC-19 | Manager | Add Customer | This function allows  manager to add a new  customer |
| UC-20 | Manager | Edit Customer | This function allows  manager to edit customer |
| UC-21 | Manager | Remove Customer | This function allows  manager to remove  customer |
| UC-22 | Manager | Search Customer | This function allows  manager to search customer |
| UC-23 | Manager | View List Shipper | This function allows  manager to view all list shipper |
| UC-24 | Manager | Add Shipper | This function allows  manager to add a new  cshipper |
| UC-25 | Manager | Edit Shipper | This function allows  manager to edit shipper |
| UC-26 | Manager | Remove Shipper | This function allows  manager to remove shipper |
| UC-27 | Manager | Search Shipper | This function allows  manager to search shipper |
| UC-28 | Manager | View List Order | This function allows  manager to view all list order |
| UC-29 | Manager | Search Order | This function allows  manager to search a order |
| UC-30 | Manager | Edit Information of Order | This function allows  manager to edit status of order |
| UC-31 | Manager | Add Order | This function allows  manager to add a new order |
| UC-32 | Manager | Remove Order | This function allows  manager to remove order |

38

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| UC-33 | Manager | View Profit | This function allows  manager to view all profit |
| UC-34 | Manager | View Feedback | This function allows  manager to view all  feedback |
| UC-35 | Manager | Reply Feedback | This function allows  manager to reply feedback |
| UC-36 | Manager | View Number Of Access | This function allows  manager to view number of access |
| UC-37 | Manager | View Dashboard | This function allows  manager to view dashboard |

*Table 3-5: Use Case list Manager*

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Actor** | **Name** | **Description** |
| UC-01 | Staff | Login | This function allows staff to log in OBS admin page |
| UC-02 | Staff | Log out | This function allows staff to log out OBS admin page |
| UC-03 | Staff | View List Cake | This function allows staff to view all list cake |
| UC-04 | Staff | Add Cake | This function allows staff to add a new cake |
| UC-05 | Staff | Edit Cake | This function allows staff to edit cake |
| UC-06 | Staff | Remove Cake | This function allows staff to remove cake |
| UC-07 | Staff | Search Cake | This function allows staff to search cake |
| UC-08 | Staff | View List Post | This function allows staff to view all list post |
| UC-09 | Staff | Add Post | This function allows staff to add a new post |
| UC-10 | Staff | Edit Post | This function allows staff to edit post. |
| UC-11 | Staff | Remove Post | This function allows staff to remove post |
| UC-12 | Staff | Search Post | This function allows staff to search post |
| UC-13 | Staff | View List Customer | This function allows staff to view all list customer |
| UC-14 | Staff | Add Customer | This function allows staff to add a new customer |
| UC-15 | Staff | Edit Customer | This function allows staff to edit customer |

39

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| UC-16 | Staff | Remove Customer | This function allows staff to remove customer |
| UC-17 | Staff | Search Customer | This function allows staff to search customer |
| UC-18 | Staff | View List Shipper | This function allows staff to view all list shipper |
| UC-19 | Staff | Add Shipper | This function allows staff to add a new cshipper |
| UC-20 | Staff | Edit Shipper | This function allows staff to edit shipper |
| UC-21 | Staff | Remove Shipper | This function allows staff to remove shipper |
| UC-22 | Staff | Search Shipper | This function allows staff to search shipper |
| UC-23 | Staff | View List Order | This function allows staff to view all list order |
| UC-24 | Staff | Search Order | This function allows staff to search a order |
| UC-25 | Staff | Edit Information of Order | This function allows staff to edit status of order |
| UC-26 | Staff | Add Order | This function allows staff to add a new order |
| UC-27 | Staff | Remove Order | This function allows staff to remove order |

|  |  |  |  |
| --- | --- | --- | --- |
| UC-28 | Staff | View Feedback | This function allows staff to view all feedback |
| UC-29 | Staff | Reply Feedback | This function allows staff to reply feedback |
| UC-30 | Staff | View Number Of Access | This function allows staff to view number of access |
| UC-31 | Staff | View Dashboard | This function allows staff to view dashboard |

*Table 3-6: Use Case list Staff*

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Actor** | **Name** | **Description** |
| UC-01 | Shipper | Login | This function allows admin to login homepage by  shipper account. |
| UC-02 | Shipper | Log out | This function allows  shipper to log out of  website. |
| UC-03 | Shipper | View Homepage | This function allows  shipper to view information on website. |

40

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| UC-04 | Shipper | View Map | This function allows  shipper view the schedule to ship on the map |
| UC-05 | Shipper | View History | This function allows  shipper to view the order history that you have  shipped |
| UC-06 | Shipper | Confirm Order | This function allows  shipper to accept the orders that the staff assigned |
| UC-07 | Shipper | Report | This function allows  shipper to report order  status |

*Table 3-7: Use Case list Shipper*

**3.2.3.1 Customer**

**3.2.3.1.1 View Homepage**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-01** | | |
| **Use Case Name** | **View Homepage** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/04 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user to view homepage of OBS website. | | |
| **Pre-conditions** | User open browser. | | |
| **Post-conditions** | System displays BOS’s homepage. | | |
| **Normal Flow** | 1. User enters the URL of BOS’s website.  2. System displays BOS’s homepage. | | |
| **Alternative Flows** | ∙ If user is on BOS website  1. User clicks on website’s logo.  2. Go to step 2 of normal flow. | | |
| **Exceptions** | N/A | | |

41

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Priority** | High |
| **Frequency of Use** | High |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.1.2 Login**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-02** | | |
| **Use Case Name** | **Login** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/04 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user to login to BOS website. | | |
| **Pre-conditions** | User open browser. | | |
| **Post-conditions** | System displays login interface. | | |
| **Normal Flow** | 1. User clicks on “Đăng nhập” button from BOS’s Website 2. System redirect user to login page.  3. User have to enter information about account name and account password.  4. User clicks on button “Đăng nhập”.  5. If successful login will go to the homepage and if not successful login that user must enter correct account information. | | |
| **Alternative Flows** | ∙ If user don’t want to login by account name and password: 1. User can login by Gmail account.  2. User can also login by Facebook account.  ∙ If user remembered account information on website : 1. Go to step 4 of Normal Flow | | |
| **Exceptions** | N/A | | |
| **Priority** | High | | |
| **Frequency of Use** | High | | |
| **Business Rules** | B01, B02 | | |

42

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.1.3 Logout**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-03** | | |
| **Use Case Name** | **Logout** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/04 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user to log out of account. | | |
| **Pre-conditions** | User open browser. | | |
| **Post-conditions** | System displays login interface. | | |
| **Normal Flow** | 1. User clicks on “ Đăng xuất ” button on dropdown of account  2. System will redirect user to login page | | |
| **Alternative Flows** | ∙ If user is on any page of BOS system:  1. Go to step 1 of Normal Flow | | |
| **Exceptions** | N/A | | |
| **Priority** | High | | |
| **Frequency of Use** | High | | |
| **Business Rules** |  | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

43

Bakery Online Service (BOS) – Bata Team

**3.2.3.1.4 Register**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-04** | | |
| **Use Case Name** | **Register** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/04 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user to register account on BOS website. | | |
| **Pre-conditions** | User open browser. | | |
| **Post-conditions** | System displays register page. | | |
| **Normal Flow** | 1. User clicks on “Đăng ký” button from menu taskbar of BOS’s website  2. System will redirect user to register page.  3. User must be completed with personal information about name, email, password, phone number, address to register account.  4. User clicks on “Đăng ký” button.  5. System will check information registration.  6. If successful registration will notify “Bạn đã đăng ký thành công” and if not user must be entered once again. | | |
| **Alternative Flows** | ∙ If user is on any page of website:  1. User can register account.  2. Go to step 1 of Normal Flow | | |
| **Exceptions** | N/A | | |
| **Priority** | High | | |
| **Frequency of Use** | High | | |
| **Business Rules** | B01, B02, B03, B04, B05, B06 | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

**3.2.3.1.5 Change password**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-05** | | |
| **Use Case Name** | **Change password** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/04 |

44

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user to change password on BOS website. | | |
| **Pre-conditions** | User open browser, must account and logged. | | |
| **Post-conditions** | System displays change password page. | | |
| **Normal Flow** | 1. User click “Thay đổi mật khẩu” button in dropdown account.  2. System will redirect user to change password page. 3. User must fill new password and re-new password. 4. System will check new password and re-new password have similar.  5. If the password changes successfully will have notification is “Bạn đã thay đổi mật khẩu thành công” and if not user must fill new password and re-new password once again. | | |
| **Alternative Flows** | ∙ If user logged account and is on any page of website: 3. User can change password of account.  4. Go to step 1 of Normal Flow | | |
| **Exceptions** | N/A | | |
| **Priority** | High | | |
| **Frequency of Use** | High | | |
| **Business Rules** | B02 | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

**3.2.3.1.6 Forget password**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-06** | | |
| **Use Case Name** | **Forget password** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/04 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |

45

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Description** | This function allows user to get password again after forgetting password. |
| **Pre-conditions** | User open browser, must have account. |
| **Post-conditions** | System displays forget password page. |
| **Normal Flow** | 1. User clicks on “Quên mật khẩu” button on login page.  2. System will redirect user to forget password page.  3. User must fill exactly email information that is registered account.  4. System will check and handle.  5. If the password is successfully retrieved that will has notification “Bạn đã thay đổi mật khẩu thành  công” and if not user must fill email once again. |
| **Alternative Flows** | ∙ If user is on any page of website:  1. Go to step 1 of Normal Flow. |
| **Exceptions** | N/A |
| **Priority** | High |
| **Frequency of Use** | High |
| **Business Rules** | B01, B05 |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.1.7 Update information**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-07** | | |
| **Use Case Name** | **Update information** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/04 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user to update account information. | | |
| **Pre-conditions** | User open browser, must have account and logged. | | |
| **Post-conditions** | System displays update information page. | | |

46

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Normal Flow** | 1 User click “Cập nhập thông tin tài khoản” link in account page.  2. System will redirect user to update information page. 3. User must fill fully and exactly information about address, phone number, name.  4. System will check and handle.  5. If the information is updated successfully that will have notification “Bạn đã cập nhập thành công” and if not user must fill information once again. |
| **Alternative Flows** | ∙ If user is on any page of website:  2. Go to step 1 of Normal Flow. |
| **Exceptions** | N/A |
| **Priority** | High |
| **Frequency of Use** | High |
| **Business Rules** | B01, B03, B05, B06 |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.1.8 View List Cake**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-08** | | |
| **Use Case Name** | **View List Cake** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/04 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user to view list cake. | | |
| **Pre-conditions** | User open browser and was being in “Sản phẩm”. | | |
| **Post-conditions** | System displays all list cake. | | |
| **Normal Flow** | 1. User clicks on each kind of cake.  2. System will display all kind of cake. | | |
| **Alternative Flows** | N/A | | |

47

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Exceptions** | N/A |
| **Priority** | Medium |
| **Frequency of Use** | Medium |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.1.9 View List Order**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-09** | | |
| **Use Case Name** | **View List Order** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/04 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user to view list orders. | | |
| **Pre-conditions** | User open browser and was being in “Đơn hàng”. | | |
| **Post-conditions** | System displays all list orders. | | |
| **Normal Flow** | 1. User clicks on Orders link in dropdown account.  2. Systems will display all orders of user. | | |
| **Alternative Flows** | ∙ If user clicked account :  1. User can click order list link in left side bar.  2. Go to step 2 of Normal Flow. | | |
| **Exceptions** | N/A | | |
| **Priority** | Medium | | |
| **Frequency of Use** | Medium | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

48

Bakery Online Service (BOS) – Bata Team

**3.2.3.1.10 View Favorite Cake**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-10** | | |
| **Use Case Name** | **View Favorite Cake** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/04 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user to view list favorite cakes. | | |
| **Pre-conditions** | User open browser and was being in “Thông tin tài khoản”. | | |
| **Post-conditions** | System displays all list favorite cakes. | | |
| **Normal Flow** | 1. User clicks on favorite cake link in left side bar.  2. Systems will display all favorite cake of user. | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** | N/A | | |
| **Priority** | Medium | | |
| **Frequency of Use** | Medium | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

**3.2.3.1.11 View Posts**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-11** | | |
| **Use Case Name** | **View Posts** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/04 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |

49

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Description** | This function allows user to view list posts. |
| **Pre-conditions** | User open browser. |
| **Post-conditions** | System displays all list posts. |
| **Normal Flow** | 1. User clicks on “Tin tức” link in menu.  2. Systems will redirect to Post page and display all posts. |
| **Alternative Flows** | N/A |
| **Exceptions** | N/A |
| **Priority** | Medium |
| **Frequency of Use** | Medium |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.1.12 View Feedback**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-12** | | |
| **Use Case Name** | **View Feedback** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/04 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user to view list feedback. | | |
| **Pre-conditions** | User open browser and was being in “Thông tin tài khoản”. | | |
| **Post-conditions** | System displays all list feedback. | | |
| **Normal Flow** | 1. User clicks on “Feedback” link in left side bar of account page.  2. Systems will redirect to Feedback page and display all feedback. | | |

50

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Alternative Flows** | N/A |
| **Exceptions** | N/A |
| **Priority** | Medium |
| **Frequency of Use** | Medium |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.1.13 View History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-13** | | |
| **Use Case Name** | **View History** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/04 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user to view history. | | |
| **Pre-conditions** | User open browser and was being in “Thông tin tài khoản”. | | |
| **Post-conditions** | System displays all list feedback. | | |
| **Normal Flow** | 1. User clicks on “Lịch sử” link in left side bar of account page. 2. Systems will redirect to history page and display all history. | | |
| **Alternative Flows** | ∙ If user is not on “Thông tin tài khoản” page:  1. User can click on “Lịch sử” in dropdown account.  2. Go to step 2 of Normal Flow. | | |
| **Exceptions** | N/A | | |
| **Priority** | Medium | | |
| **Frequency of Use** | Medium | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |

51

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Assumptions** | N/A |

**3.2.3.1.14 View About Us**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-14** | | |
| **Use Case Name** | **View About Us** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/04 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user to view about store. | | |
| **Pre-conditions** | User open browser. | | |
| **Post-conditions** | System displays information of store. | | |
| **Normal Flow** | 1. User clicks on “Giới thiệu” link on menu bar.  2. System will display information of store. | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** | N/A | | |
| **Priority** | Low | | |
| **Frequency of Use** | Low | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

**3.2.3.1.15 View Guide Ordering And Return**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-15** | | |
| **Use Case Name** | **View Guide Ordering And Return** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |

52

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Trigger** | N/A |
| **Description** | This function allows user to view guide ordering and return. |
| **Pre-conditions** | User open browser. |
| **Post-conditions** | System displays guide ordering and return page. |
| **Normal Flow** | 1. User clicks on “Hướng dẫn đặt hàng và đổi trả” link on menu bar.  2. System will redirect user to guide ordering and return page. |
| **Alternative Flows** | N/A |
| **Exceptions** | N/A |
| **Priority** | Low |
| **Frequency of Use** | Low |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.1.16 View Cake Detail**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-16** | | |
| **Use Case Name** | **View Cake Detail** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user to view detail cake. | | |
| **Pre-conditions** | User open browser. | | |
| **Post-conditions** | System displays detail cake page. | | |

53

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Normal Flow** | 1. User clicks on each cake on website.  2. System will redirect user to detail cake page. |
| **Alternative Flows** | N/A |
| **Exceptions** | N/A |
| **Priority** | Low |
| **Frequency of Use** | Low |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.1.17 Share**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-17** | | |
| **Use Case Name** | **Share** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user can share information of cake or information of news. | | |
| **Pre-conditions** | User open browser, was being detail cake page or detail post. | | |
| **Post-conditions** | System displays a new window for user to share. | | |
| **Normal Flow** | 1. User clicks on “Chia sẻ” button in each detail cake or detail post.  2. System will redirect user to guide ordering and return page. | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** | N/A | | |
| **Priority** | Medium | | |

54

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Frequency of Use** | Medium |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.1.18 Search**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-18** | | |
| **Use Case Name** | **Search** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user can search information of cake on webstite. | | |
| **Pre-conditions** | User open browser. | | |
| **Post-conditions** | System displays a button search to find information of cake. | | |
| **Normal Flow** | 1. User clicks on “Tìm kiếm” button on header of website. 2. System will redirect user to search page.  3. If the search is successful, it will display the product you are looking for and if not the product cannot be found. | | |
| **Alternative Flows** | ∙ If user is on any page of website:  1. User can also find information of cake.  2. Go to step 1 of Normal Flow. | | |
| **Exceptions** | N/A | | |
| **Priority** | Medium | | |
| **Frequency of Use** | Medium | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

55

Bakery Online Service (BOS) – Bata Team

**3.2.3.1.19 Comment**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-19** | | |
| **Use Case Name** | **Comment** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user can comment personal opinion on website. | | |
| **Pre-conditions** | User open browser, and was being detail cake page. | | |
| **Post-conditions** | System displays information of user’s comment. | | |
| **Normal Flow** | 1. User clicks on “Bình Luận” tab beside “Chi tiết sản phẩm” tab. 2. After user can comment user’s opinion in frame of ideas. 3. System will redirect user to comment behind detail cake. | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** | N/A | | |
| **Priority** | Low | | |
| **Frequency of Use** | Low | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

**3.2.3.1.20 Feedback**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-20** | | |
| **Use Case Name** | **Feedback** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |

56

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Description** | This function allows user to give feedback to manager of system |
| **Pre-conditions** | User open browser, and was being “Liên hệ” page. |
| **Post-conditions** | System receives the feedback and notifies to admin. |
| **Normal Flow** | 1. User fills in feedback form.  2. User clicks on “Phản hồi” button.  3. System will handle and send feedback to manager. |
| **Alternative Flows** | N/A |
| **Exceptions** | N/A |
| **Priority** | Medium |
| **Frequency of Use** | Medium |
| **Business Rules** | B08, B09 |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.1.21 Payment**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-21** | | |
| **Use Case Name** | **Payment** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user to pay money for order. | | |
| **Pre-conditions** | User open browser, and was being Order page. | | |
| **Post-conditions** | System will display payment page. | | |
| **Normal Flow** | 1. User clicks on “Thanh toán” button in order page.  2. System will redirect user to payment method.  3. User must fill fully and exactly personal information. 4. User can choose 2 ways to pay money:  - Online: Pay money by paypal.  - Offline: After getting product that will pay cash money. | | |

57

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Alternative Flows** | ∙ If user is on homepage:  1. User can click on “Giỏ hàng” in menu bar.  2. Go to step 1 of Normal Flow. |
| **Exceptions** | N/A |
| **Priority** | Hight |
| **Frequency of Use** | Hight |
| **Business Rules** | B07 |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.1.22 Add Cake**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-22** | | |
| **Use Case Name** | **Add cake** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user choose and add cake to buy into order | | |
| **Pre-conditions** | User was being in BOS page. | | |
| **Post-conditions** | System will display cake that added. | | |
| **Normal Flow** | 1. User clicks on each cake.  2. System will handle and will automatically add quantity cake to the cart. | | |
| **Alternative Flows** | ∙ If user is on detail cake:  1. User can click on each cake to add.  2. Go to step 1 of Normal Flow. | | |
| **Exceptions** | N/A | | |
| **Priority** | Hight | | |
| **Frequency of Use** | Hight | | |
| **Business Rules** | N/A | | |

58

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.1.23 Remove Cake**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-23** | | |
| **Use Case Name** | **Remove Cake** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user remove cake in order | | |
| **Pre-conditions** | User was being in BOS page and was being order. | | |
| **Post-conditions** | System will display quantity cake which will be reduced. | | |
| **Normal Flow** | 1. User clicks on “-“in quantity cake.  2. System will handle and automatically remove quantity cake to the cart. | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** | N/A | | |
| **Priority** | Hight | | |
| **Frequency of Use** | Hight | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

**3.2.3.1.24 Cancel Order**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **UC-24** | | |
| **Use Case Name** | **Cancel Order** | | |
| **Creator** | KhanhTQ | **Date Created** | 2019/06/05 |

59

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | 1.0 | **Last Updated** |  |
| **Primary Actor** | End User | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows user can cancel order. | | |
| **Pre-conditions** | User was being in BOS page and was being order. | | |
| **Post-conditions** | System will . | | |
| **Normal Flow** | 1. User clicks on “Hủy Đơn Hàng” button.  2. System opens a confirmation dialog containing 2 options: “CÓ” and “KHÔNG”.  3. User clicks on “CÓ” button.  4. System closes the confirmation dialog, deletes order from database, redirects user to homepage and sends a message of successful cancellation. | | |
| **Alternative Flows** | ∙ At step 2 of normal flow:  1. User clicks on “KHÔNG” button.  2. System closes the confirmation dialog, go to step 1 of normal flow. | | |
| **Exceptions** | N/A | | |
| **Priority** | Hight | | |
| **Frequency of Use** | Hight | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

**3.2.3.2 Admin**

**3.2.3.2.1 Login**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-1** | | |
| **Use Case Name** | **Login** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |

60

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to login homepage by shipper account. | | |
| **Pre-conditions** | Admin open browser.  Admin go to Login page | | |
| **Post-conditions** | Admin logged in by admin’s account then display the dashboard page | | |
| **Normal Flow** | 1. Admin enters the URL of the website  2. Admin enter email and password then click on “Đăng nhập” button  3. System validates entered email and password, if they are correct, The system will transfer users to the dashboard with role admin | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** | If username or password is incorrect, system displays a message “Email hoặc mật khẩu không đúng” on the screen and requires user to retry. | | |
| **Priority** | High | | |
| **Frequency of Use** | High | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

**3.2.3.2.2 Logout**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-2** | | |
| **Use Case Name** | **Logout** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to logout | | |

61

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Pre-conditions** | Admin has already logged in the website |
| **Post-conditions** | Admin logged in by admin’s account and display the dashboard page |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin enter email and password then click on “Đăng xuất” button  3. Return log in page |
| **Alternative Flows** | N/A |
| **Exceptions** |  |
| **Priority** | High |
| **Frequency of Use** | High |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.2.3 View dasboard**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-3** | | |
| **Use Case Name** | **View dashboard** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to view dashboard | | |
| **Pre-conditions** | Admin has already logged in the website | | |
| **Post-conditions** | Admin logged in by admin’s account then system display the dashboard page | | |

62

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Normal Flow** | 1. Admin has finished log in to website  2. System display dashboard page |
| **Alternative Flows** | N/A |
| **Exceptions** |  |
| **Priority** | High |
| **Frequency of Use** | High |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.2.4 View list account**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-4** | | |
| **Use Case Name** | **View list account** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to view all accounts | | |
| **Pre-conditions** | Admin has already logged in the website and request to view all accounts | | |
| **Post-conditions** | Page display all accounts | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin request to view all accounts by click on “Xem toàn bộ” button and the selection of “Roll” drop down bar is “All” 3. Return page display all accounts | | |
| **Alternative Flows** | N/A | | |

63

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Exceptions** |  |
| **Priority** | High |
| **Frequency of Use** | High |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.2.5 Reset password**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-5** | | |
| **Use Case Name** | **Reset password** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to reset password for user’s accounts | | |
| **Pre-conditions** | Admin has already logged in the website  Admin received request to reset password from user  Admin executed action sequence to reset user’s password | | |
| **Post-conditions** | The user’s password was been reset by admin. Password has been changed to default then sent to user by email. | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin has received reset password request from user 3. Admin choose user’s account then click on “Đặt lại mật khẩu” button  4. A dialog will be display to ask admin to confirm again about this task  5. Admin choose “Có” button to confirm again and that user’s password will be changed to default then sent to user by email. Admin choose “Không” button then the dialog disappears and nothing happen | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** |  | | |

64

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Priority** | High |
| **Frequency of Use** | Medium |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.2.6 Remove account**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-6** | | |
| **Use Case Name** | **Remove account** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to remove accounts | | |
| **Pre-conditions** | Admin has already logged in the website  Admin executed action sequence to remove user’s account | | |
| **Post-conditions** | The selected account has been removed | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin choose the account which will be deleted then click “Xóa tài khoản” button  3. A dialog will be display to ask admin to confirm again about this task  4. Admin choose “Có” button to confirm again and the selected account will be removed. Admin choose “Không” button then the dialog disappears and nothing happen | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** |  | | |
| **Priority** | High | | |
| **Frequency of Use** | Medium | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |

65

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Assumptions** | N/A |

**3.2.3.2.7 Add acount**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-7** | | |
| **Use Case Name** | **Add account** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to add account without register function | | |
| **Pre-conditions** | Admin has already logged in the website  Admin click on “Thêm tài khoản” button | | |
| **Post-conditions** | New account has been added into the system | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin click on “Thêm tài khoản” button  3. A dialog will be display for admin to fill the new user’s information  4. Admin fill all fields then click on “Thêm” button to add new user or admin can click on “Hủy” button to cancel the task | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** | If the user name has already exist, system will display a warning line to notify admin and forces admin to choose another user name or cancel the task | | |
| **Priority** | High | | |
| **Frequency of Use** | Medium | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

**3.2.3.2.8 View list customer**

66

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-8** | | |
| **Use Case Name** | **View list customer** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to view all accounts which role is customer | | |
| **Pre-conditions** | Admin has already logged in the website and request to view all accounts which role is customer | | |
| **Post-conditions** | Page display all accounts which role is customer | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin request to view all accounts by click on “Xem toàn bộ” button and the selection of “Roll” drop down bar is “Customer” 3. Return page display all accounts which role is customer | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** |  | | |
| **Priority** | High | | |
| **Frequency of Use** | High | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

**3.2.3.2.9 Add customer**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-9** | | |
| **Use Case Name** | **Add customer** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |

67

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Trigger** | N/A |
| **Description** | This function allows admin to add account which role is customer without register function |
| **Pre-conditions** | Admin has already logged in the website  Admin click on “Thêm tài khoản” button |
| **Post-conditions** | New account with customer role has been added into the system |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin click on “Thêm tài khoản” button  3. A dialog will be display for admin to fill the new user’s information (select customer at “Role” drop down bar) 4. Admin fill all fields then click on “Thêm” button to add new user or admin can click on “Hủy” button to cancel the task |
| **Alternative Flows** | N/A |
| **Exceptions** | If the user name has already exist, system will display a warning line to notify admin and forces admin to choose another user name or cancel the task |
| **Priority** | High |
| **Frequency of Use** | Medium |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.2.10 Edit customer**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-10** | | |
| **Use Case Name** | **Edit customer** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to edit information of customer’s account | | |
| **Pre-conditions** | Admin has already logged in the website  Admin chooses an account which need to be modified then click on “Chỉnh sửa” button | | |

68

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Post-conditions** | Information of customer’s account has been changed |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin chooses an account which need to be modified then click on “Chỉnh sửa” button  3. System redirect to new page which already has had old information of Customer  4. Admin modify information of customer  5. Admin fill all fields then click on “Xác nhận” button to submit the modification or admin can click on “Hủy” button to cancel the task |
| **Alternative Flows** | N/A |
| **Exceptions** | If one or more fields are empty, system will display a warning line to notify admin and forces admin to fill in all fields until no one empty If user name has been existed system will notify to admin and force admin to choose another name |
| **Priority** | High |
| **Frequency of Use** | Medium |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.2.11 Remove customer**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-11** | | |
| **Use Case Name** | **Remove customer** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to remove account which role is customer | | |
| **Pre-conditions** | Admin has already logged in the website  Admin executed action sequence to remove user’s account which role is customer | | |
| **Post-conditions** | The selected account which role is customer has been removed | | |

69

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin choose the account which will be deleted then click “Xóa tài khoản” button  3. A dialog will be display to ask admin to confirm again about this task  4. Admin choose “Có” button to confirm again and the selected account will be removed. Admin choose “Không” button then the dialog disappears and nothing happen |
| **Alternative Flows** | N/A |
| **Exceptions** |  |
| **Priority** | High |
| **Frequency of Use** | Medium |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.2.12 Search customer**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-12** | | |
| **Use Case Name** | **Search customer** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to search a customer or a group of customers | | |
| **Pre-conditions** | Admin has already logged in the website  Admin executed action sequence to search an account | | |
| **Post-conditions** | A list of account which satisfied the conditions has been displayed | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin chooses customer role in “Role” drop down bar, types username into search bar then click on search icon or presses “Enter” key on keyboard  3. A list of account which satisfied the conditions has been displayed | | |

70

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Alternative Flows** | N/A |
| **Exceptions** | If there aren’t any account satisfied the conditions, System will notify to admin that “Không có thài khoản thỏa mãn yêu cầu” |
| **Priority** | High |
| **Frequency of Use** | High |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.2.13 View list staff**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-13** | | |
| **Use Case Name** | **View list staff** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to view all accounts which role is staff | | |
| **Pre-conditions** | Admin has already logged in the website and request to view all accounts which role is staff | | |
| **Post-conditions** | Page display all accounts which role is staff | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin request to view all accounts by click on “Xem toàn bộ” button and the selection of “Roll” drop down bar is “Staff” 3. Return page display all accounts which role is staff | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** |  | | |
| **Priority** | High | | |
| **Frequency of Use** | High | | |
| **Business Rules** | N/A | | |

71

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.2.14 Add staff**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-14** | | |
| **Use Case Name** | **Add staff** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to add account which role is staff without register function | | |
| **Pre-conditions** | Admin has already logged in the website  Admin click on “Thêm tài khoản” button | | |
| **Post-conditions** | New account with customer role has been added into the system | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin click on “Thêm tài khoản” button  3. A dialog will be display for admin to fill the new user’s information (select staff at “Role” drop down bar)  4. Admin fill all fields then click on “Thêm” button to add new user or admin can click on “Hủy” button to cancel the task | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** | If the username has already exist, system will display a warning line to notify admin and forces admin to choose another user name or cancel the task | | |
| **Priority** | High | | |
| **Frequency of Use** | Medium | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

72

Bakery Online Service (BOS) – Bata Team

**3.2.3.2.15 Edit customer**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-15** | | |
| **Use Case Name** | **Edit customer** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to edit information of staff’s account | | |
| **Pre-conditions** | Admin has already logged in the website  Admin chooses an account which need to be modified then click on “Chỉnh sửa” button | | |
| **Post-conditions** | Information of staff’s account has been changed | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin chooses an account which need to be modified then click on “Chỉnh sửa” button  3. System redirect to new page which already has had old information of Customer  4. Admin modify information of staff  5. Admin fill all fields then click on “Xác nhận” button to submit the modification or admin can click on “Hủy” button to cancel the task | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** | If one or more fields are empty, system will display a warning line to notify admin and forces admin to fill in all fields until no one empty If user name has been existed system will notify to admin and force admin to choose another name | | |
| **Priority** | High | | |
| **Frequency of Use** | Low | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

**3.2.3.2.16 Remove staff**

73

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-16** | | |
| **Use Case Name** | **Remove staff** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to remove account which role is staff | | |
| **Pre-conditions** | Admin has already logged in the website  Admin executed action sequence to remove user’s account which role is staff | | |
| **Post-conditions** | The selected account which role is staff has been removed | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin choose the account which will be deleted then click “Xóa tài khoản” button  3. A dialog will be display to ask admin to confirm again about this task  4. Admin choose “Có” button to confirm again and the selected account will be removed. Admin choose “Không” button then the dialog disappears and nothing happen | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** |  | | |
| **Priority** | High | | |
| **Frequency of Use** | Medium | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

**3.2.3.2.17 Search staff**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-17** | | |
| **Use Case Name** | **Search staff** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |

74

Bakery Online Service (BOS) – Bata Team

|  |  |  |  |
| --- | --- | --- | --- |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to search a staff or a group of staffs | | |
| **Pre-conditions** | Admin has already logged in the website  Admin executed action sequence to search an account | | |
| **Post-conditions** | A list of account which satisfied the conditions has been displayed | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin chooses staff role in “Role” drop down bar, types username into search bar then click on search icon or presses “Enter” key on keyboard  3. A list of account which satisfied the conditions has been displayed | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** | If there aren’t any account satisfied the conditions, System will notify to admin that “Không có thài khoản thỏa mãn yêu cầu” | | |
| **Priority** | High | | |
| **Frequency of Use** | Medium | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

**3.2.3.2.18 View list manager**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-18** | | |
| **Use Case Name** | **View list manager** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to view all accounts which role is manager | | |

75

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Pre-conditions** | Admin has already logged in the website and request to view all manager |
| **Post-conditions** | Page display all accounts which role is manager |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin request to view all accounts by click on “Xem toàn bộ” button and the selection of “Roll” drop down bar is “Manager” 3. Return page display all accounts which role is manager |
| **Alternative Flows** | N/A |
| **Exceptions** |  |
| **Priority** | High |
| **Frequency of Use** | High |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.2.19 Add manager**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-19** | | |
| **Use Case Name** | **Add manager** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to add account which role is manager without register function | | |
| **Pre-conditions** | Admin has already logged in the website  Admin click on “Thêm tài khoản” button | | |
| **Post-conditions** | New account with manager role has been added into the system | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin click on “Thêm tài khoản” button  3. A dialog will be display for admin to fill the new user’s information (select manager at “Role” drop down bar) 4. Admin fill all fields then click on “Thêm” button to add new user or admin can click on “Hủy” button to cancel the task | | |

76

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Alternative Flows** | N/A |
| **Exceptions** | If the user name has already exist, system will display a warning line to notify admin and forces admin to choose another user name or cancel the task |
| **Priority** | High |
| **Frequency of Use** | Medium |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.2.20 Edit manager**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-20** | | |
| **Use Case Name** | **Edit manager** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to edit information of manager’s account | | |
| **Pre-conditions** | Admin has already logged in the website  Admin chooses an account which need to be modified then click on “Chỉnh sửa” button | | |
| **Post-conditions** | Information of manager’s account has been changed | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin chooses an account which need to be modified then click on “Chỉnh sửa” button  3. System redirect to new page which already has had old information of Customer  4. Admin modify information of staff (not the user name) 5. Admin fill all fields then click on “Xác nhận” button to submit the modification or admin can click on “Hủy” button to cancel the task | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** | If one or more fields are empty, system will display a warning line to notify admin and forces admin to fill in all fields until no one empty If user name has been existed system will notify to admin and force | | |

77

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
|  | admin to choose another name |
| **Priority** | High |
| **Frequency of Use** | Medium |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.2.21 Remove manager**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-21** | | |
| **Use Case Name** | **Remove manager** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to remove account which role is manager | | |
| **Pre-conditions** | Admin has already logged in the website  Admin executed action sequence to remove user’s account which role is manager | | |
| **Post-conditions** | The selected account which role is manager has been removed | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin choose the account which will be deleted then click “Xóa tài khoản” button  3. A dialog will be display to ask admin to confirm again about this task  4. Admin choose “Có” button to confirm again and the selected account will be removed. Admin choose “Không” button then the dialog disappears and nothing happen | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** |  | | |
| **Priority** | High | | |
| **Frequency of Use** | Medium | | |

78

Bakery Online Service (BOS) – Bata Team

|  |  |
| --- | --- |
| **Business Rules** | N/A |
| **Other**  **Information** | N/A |
| **Assumptions** | N/A |

**3.2.3.2.22 Search manager**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-22** | | |
| **Use Case Name** | **Search manager** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to search a manager or a group of managers | | |
| **Pre-conditions** | Admin has already logged in the website  Admin executed action sequence to search an account | | |
| **Post-conditions** | A list of account which satisfied the conditions has been displayed | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin chooses manager role in “Role” drop down bar, types username into search bar then click on search icon or presses “Enter” key on keyboard  3. A list of account which satisfied the conditions has been displayed | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** | If there aren’t any account satisfied the conditions, System will notifies to admin that “Không có thài khoản thỏa mãn yêu cầu” | | |
| **Priority** | High | | |
| **Frequency of Use** | Medium | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

79

Bakery Online Service (BOS) – Bata Team

**3.2.3.2.23 View list shipper**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-23** | | |
| **Use Case Name** | **View list shipper** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |
| **Primary Actor** | Admin | **Secondary**  **Actors** | N/A |
| **Trigger** | N/A | | |
| **Description** | This function allows admin to view all accounts which role is shipper | | |
| **Pre-conditions** | Admin has already logged in the website and request to view all shipper | | |
| **Post-conditions** | Page display all accounts which role is shipper | | |
| **Normal Flow** | 1. Admin has logged in before.  2. Admin request to view all accounts by click on “Xem toàn bộ” button and the selection of “Roll” drop down bar is “Shipper” 3. Return page display all accounts which role is shipper | | |
| **Alternative Flows** | N/A | | |
| **Exceptions** |  | | |
| **Priority** | High | | |
| **Frequency of Use** | High | | |
| **Business Rules** | N/A | | |
| **Other**  **Information** | N/A | | |
| **Assumptions** | N/A | | |

**3.2.3.2.24 Add shipper**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID** | **AD-UC-24** | | |
| **Use Case Name** | **Add shipper** | | |
| **Creator** | PhucLV | **Date Created** | 2019/06/05 |
| **Version** | 1.0 | **Last Updated** | 2019/06/05 |

80