**MINISTRY OF EDUCATION AND TRAINING**

**FPT UNIVERSITY**

Capstone Project Document

**Job Searching System**

|  |  |
| --- | --- |
| **Group JSS** | |
| **Group members** | Huỳnh Đức Tài – Leader – SE60630  Nguyễn Ngọc Thiện – Member – SE90129  Phạm Quốc Thái – Member – SE60599  Võ Hoàn Thiện – Member – SE60788  Trịnh Văn Hoàng – Member – 01769  Trần Chung Thành – Member – 01611 |
| **Supervisor** | Mr. Trần Đình Trí |
| **Ext. Supervisor** | N/A |
| **Project code** | JSS |

-Hanoi, 07/2015-

Table of contents

Contents

[Signature page 3](#_Toc425511701)

[Definitions, Acronyms, and Abbreviations 4](#_Toc425511702)

[5. System implementation & Testing 4](#_Toc425511703)

[5.1. Introduction 4](#_Toc425511704)

[5.1.1. Overview 4](#_Toc425511705)

[5.1.2. Test Approach 4](#_Toc425511706)

[5.2. Database Relationship Diagrams 5](#_Toc425511707)

[5.2.1. Physical Diagram 5](#_Toc425511708)

[5.2.2. Data Dictionary 6](#_Toc425511709)

[5.3. Performance measures 7](#_Toc425511710)

[5.4. Test Overview 7](#_Toc425511711)

[5.4.1. Test Approach 7](#_Toc425511712)

[Unit testing 8](#_Toc425511713)

[Integration testing 8](#_Toc425511714)

[System testing 8](#_Toc425511715)

[Acceptance testing 8](#_Toc425511716)

[5.5. Test Plan 8](#_Toc425511717)

[5.5.1. Features to be tested 8](#_Toc425511718)

[5.5.2. Features not to be tested 9](#_Toc425511719)

[5.5.3. Testing Tool and Environment 9](#_Toc425511720)

[5.6. Unit test result 10](#_Toc425511721)

[5.7. Recruiter Test Case 16](#_Toc425511722)

[5.7.1. Update company info 16](#_Toc425511723)

[5.8. Staff Test Case 18](#_Toc425511724)

[5.8.1. Create city 18](#_Toc425511725)

[5.8.2. Update city 19](#_Toc425511726)

[5.8.3. Create category 19](#_Toc425511727)

[5.8.4. Update category 20](#_Toc425511728)

[5.8.5. Create language 21](#_Toc425511729)

[5.8.6. Update language 22](#_Toc425511730)

[5.8.7. Create job level 23](#_Toc425511731)

[5.1.1. Update job level 24](#_Toc425511732)

[5.8.8. Create school level 25](#_Toc425511733)

[5.8.9. Update school level 26](#_Toc425511734)

[5.8.10. Create level 27](#_Toc425511735)

[5.8.11. Update school level 28](#_Toc425511736)

# Signature page

**Author:** Phạm Quốc Thái Date: 2015/07/15

*Test Leader*

**Reviewers:** Huỳnh Đức Tài Date:

*Project manager*

**Approval:** Trần Đình Trí Date:

*Supervisor*

# Definitions, Acronyms, and Abbreviations

|  |  |
| --- | --- |
| **Name** | **Definition** |
| JSS | Job Searching System |
| SRS | Software Requirement Specification |

# System implementation & Testing

## Introduction

### Overview

This section provides in detail all necessary information about implementation and testing procedure of JSS includes test plan, test cases and test result.

### Test Approach

* Goal: to test the whole system based on the SRS document.
* Method: system testing, black-box testing.

## Database Relationship Diagrams

### Physical Diagram

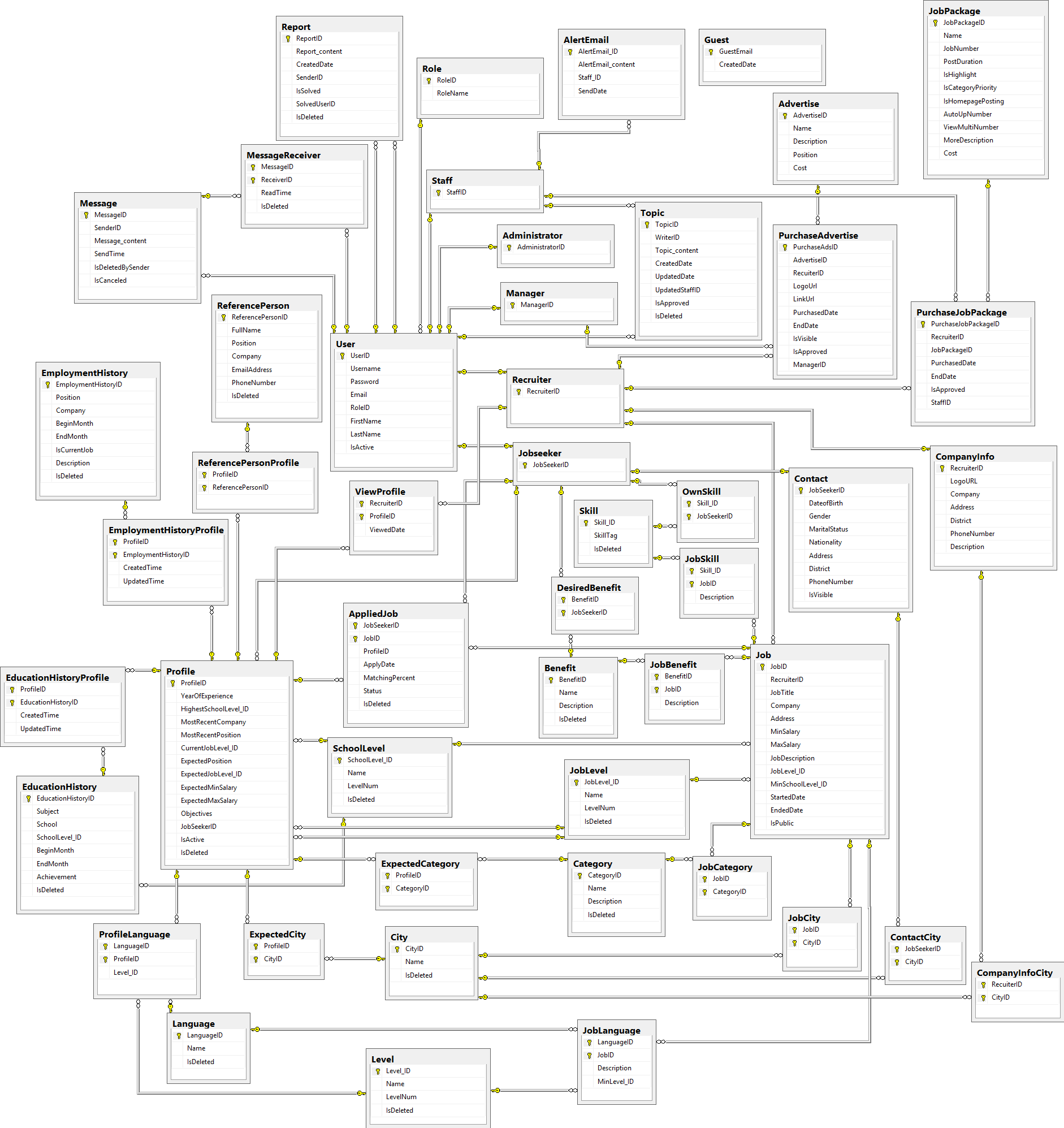


Figure 1: Physical Database Diagram

### Data Dictionary

|  |  |
| --- | --- |
| **Data dictionary: describe content of all tables** | |
| **Entity Name** | **Description** |
| User | Describe all users in the system. |
| Role | Describe all role in the system. |
| Jobseeker | List of users whose role are jobseeker. |
| Recruiter | List of users whose role are recruiter. |
| Staff | List of users whose role are staff. |
| Manager | List of users whose role are manager. |
| Administrator | List of users whose role are administrator. |
| Message | Store all the message in the system. |
| MessageReceiver | Mark the message with are received by user. |
| Report | Store all reports. |
| Topic | Store all written topic. |
| Contact | Contain contact information of jobseeker. |
| ContactCity | Map contact information with the city on the city list. |
| City | Contain list of avaiable cities. |
| JobCity | Map the job with the city on the city list. |
| ExpectedCity | The city which user want to work at. |
| CompanyInfoCity | Map the company info with the city list. |
| OwnSkill | Map user with some skills on the skill list. |
| Skill | Contain list of avaiable skills. |
| JobSkill | Map job with some required skills on the skill list. |
| DesireBenefit | Map user expected benefit with the benefit list. |
| Benefit | Contain list of benefit. |
| JobBenefit | Map the job providing benefit with the benefit list. |
| AppliedJob | Store information when user apply for a job. |
| Profile | Describe job seeker CV. |
| ViewProfile | Recruiter view CV of jobseeker. |
| ReferencePersonProfile | Map jobseeker CV with reference person information. |
| ReferencePerson | Conatin detail information of jobseeker. |
| EmploymentHistoryProfile | Map jobseeker CV with Employment. |
| EmploymentHistory | Contain information of employment history of jobseeker. |
| EducationHistoryProfile | Map jobseeker CV with education information. |
| EdutcationHistory | Contain information of education history of jobseeker. |
| SchoolLevel | Describe level of certification of jobseeker. |
| ProfileLanguage | Map the language of jobseeker on profile with the language list. |
| Language | List of avaiable language. |
| Level | List of available level of language. |
| JobLanguage | Map the required language of job with the language list. |
| Job | Describe all job information in the system. |
| JobCategory | Map the job with the job category. |
| Category | List all availble category of job. |
| ExpectedCategory | Map the expected working job category with the job category. |
| CompanyInfo | Store the information of all the company in the system. |
| PurchaseAdvertise | Store transaction when recruiter request to buy advertise. |
| Advertise | Describe all advertise in the system. |
| PurchaseJobPackage | Store transaction when recruiter request to buy job package. |
| JobPackage | Describe all job package in the system. |
| AlertEmail | Staff send job alert email. |
| Guest | Store email address of guest after they using Get Job Alert function. |

## Performance measures

N/A

## Test Overview

### Test Approach

V-model be used to implement testing process.



Figure ‑ V-model

Because requirement of project must be always suitable with user, V-model is implemented to testing process. In V-model, all process is divided into two groups corresponding to different stages: development and testing. Each stage of development will be combined with a corresponding test phase. The testing activities are focused and implemented in parallel with the activities related to requirements specification and design. In other words, this model encourages the activities related to the test plan was conducted early in the development cycle, not wait until the end stage reality. Testing progress is divided to 4 test level include: Unit test, Integration test, System test and Acceptance test.

### Unit testing

* In unit testing checks isolate each part of the program and ensure that part run as required. Unit tests help ensure the accuracy of the program, it helps establish constraints and parts of code we have done exactly that constraints.
* Unit test will be done by the developers.

### Integration testing

* In integration testing checks whether all the modules are combined or not combined together do the work have achieved results document requirements have been identified.
* Integration testing will be done by tester.

### System testing

* Compare the system specifications against the actual system.
* System testing checks if the integrated product meets the specified requirements.

### Acceptance testing

* In this test, the software will be done from the user check to find out if the software matching the expectations of users and perform as expected.

## Test Plan

The purpose of this section is to verify and ensure that JSS meets its design specification and other requirements from user. The following part will describe which features to be tested and which will not.

### Features to be tested

We will test the entire system based on SRS document.

(Reference: **Table 3.1: Functional Requirement**).

Base on the list of functions, all following features will be tested, which can include one or more functions. These features will be focused and tested thoroughly during the test phase.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Function to be tested | Guest | JobSeeker | Recruiter | Staff | Manager | Administrator |
| Register | ✓ | - | - | - | - | - |
| Login | - | ✓ | ✓ | ✓ | ✓ | ✓ |
| Logout | - | ✓ | ✓ | ✓ | ✓ | ✓ |
| Get Job Alert | ✓ | ✓ | - | - | - | - |
| Find Job | ✓ | ✓ | - | - | - | - |
| View Job Detail | ✓ | ✓ | - | - | - | - |
| View Company Detail | ✓ | ✓ | - | - | - | - |
| Save Job | - | ✓ | - | - | - | - |
| Apply Job | - | ✓ | - | - | - | - |
| View/Delete Applied Job | - | ✓ | - | - | - | - |
| Manage Own CV | - | ✓ | - | - | - | - |
| Manage Own Skill | - | ✓ | - | - | - | - |
| Manage Company | - | - | ✓ | - | - | - |
| View Job Seeker’s CV | - | - | ✓ | - | - | - |
| Buy Job Package | - | - | ✓ | - | - | - |
| Manage Job | - | - | ✓ | - | - | - |
| Buy Advertise | - | - | ✓ | - | - | - |
| View Transaction | - | - | ✓ | - | - | - |
| Manage Applicant | - | - | ✓ | - | - | - |
| Process Job Package Request | - | - | - | ✓ | - | - |
| Manage Common List | - | - | - | ✓ | - | - |
| View Statistic Report | - | - | - | - | ✓ | - |
| Manage Advertise | - | - | - | - | - | ✓ |
| Manage Advertise Cost | - | - | - | - | ✓ | - |
| Process Advertise Request | - | - | - | - | ✓ | - |
| Manage Job Package | - | - | - | - | ✓ | - |
| Manage Account | - | - | - | - | - | ✓ |
| Send Report | - | ✓ | ✓ | - | - | - |
| Manage Report | - | - | - | ✓ | ✓ | ✓ |
| Manage Own Message | - | ✓ | ✓ | ✓ | ✓ | ✓ |
| Write Topic | - | ✓ | ✓ | ✓ | ✓ | ✓ |
| Manage Topic | - | - | - | ✓ | - | - |

### Features not to be tested

Taking advance from the number of members, our team will spend all effort to test every single functions of the system. There will be no feature not to be tested.

### Testing Tool and Environment

In order to process test case, test team must install all of the following software:

* Web browser: Google Chrome (at least version 39.0.2171.71)   
  or Firefox (at least version 33.1.0.5423) and must support JavaScript and HTML 5.
* Visual Studio 2013 and Microsoft SQL Server 2013 for running Source code.
* Tortoise SVN for management testing related document.

## Unit test result

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Module** | **Class** | **Method** | **Status** | **Date** | **Done by** |
| 1 | Controller | CommonListController | CityList | OK | 13.Jul | ThaiPQ |
| 2 | Controller | CommonListController | CreateCity | OK | 13.Jul | ThaiPQ |
| 3 | Controller | CommonListController | UpdateCity | Failed | 13.Jul | ThaiPQ |
| 4 | Controller | CommonListController | UpdateCity | Ok | 14-Jul | ThaiPQ |
| 5 | Controller | CommonListController | DeleteCity | OK | 13.Jul | ThaiPQ |
| 6 | Controller | CommonListController | CategoryList | OK | 13.Jul | ThaiPQ |
| 7 | Controller | CommonListController | CreateCategory | OK | 13.Jul | ThaiPQ |
| 8 | Controller | CommonListController | UpdateCategory | OK | 13.Jul | ThaiPQ |
| 9 | Controller | CommonListController | DeleteCategory | OK | 13.Jul | ThaiPQ |
| 10 | Controller | CommonListController | LanguageList | OK | 13.Jul | ThaiPQ |
| 11 | Controller | CommonListController | CreateLanguage | OK | 13.Jul | ThaiPQ |
| 12 | Controller | CommonListController | UpdateLanguage | OK | 13.Jul | ThaiPQ |
| 13 | Controller | CommonListController | DeleteLanguage | OK | 13.Jul | ThaiPQ |
| 14 | Controller | CommonListController | JobLevelList | OK | 13.Jul | ThaiPQ |
| 15 | Controller | CommonListController | CreateJobLevel | Failed | 13.Jul | ThaiPQ |
| 16 | Controller | CommonListController | CreateJobLevel | OK | 14-Jul | ThaiPQ |
| 17 | Controller | CommonListController | UpdateJobLevel | OK | 13.Jul | ThaiPQ |
| 18 | Controller | CommonListController | DeleteJobLevel | OK | 13.Jul | ThaiPQ |
| 19 | Controller | CommonListController | SchoolLevelList | OK | 13.Jul | ThaiPQ |
| 20 | Controller | CommonListController | CreateSchoolLevel | OK | 13.Jul | ThaiPQ |
| 21 | Controller | CommonListController | UpdateSchoolLevel | OK | 13.Jul | ThaiPQ |
| 22 | Controller | CommonListController | DeleteSchoolLevel | OK | 13.Jul | ThaiPQ |
| 23 | Controller | CommonListController | LevelList | OK | 17-Jul | ThaiPQ |
| 24 | Controller | CommonListController | CreateLevel | OK | 17-Jul | ThaiPQ |
| 25 | Controller | CommonListController | UpdateLevel | OK | 17-Jul | ThaiPQ |
| 26 | Controller | CommonListController | DeleteLevel | OK | 17-Jul | ThaiPQ |
| 27 | Controller | CompanyInfoController | Update | Failed | 17-Jul | ThaiPQ |
| 28 | Controller | CompanyInfoController | Update | OK | 18-Jul | ThaiPQ |
| 29 | Controller | AccountController | Login | Failed | 17-Jul | TaiHD |
| 30 | Controller | AccountController | Login | OK | 22.Jul | TaiHD |
| 31 | Controller | AccountController | ChangePassword | Failed | 17-Jul | TaiHD |
| 32 | Controller | AccountController | ChangePassword | OK | 22.Jul | TaiHD |
| 33 | Controller | AccountController | Register | Failed | 18-Jul | TaiHD |
| 34 | Controller | AccountController | Register | OK | 22.Jul | TaiHD |
| 35 | Controller | AccountController | LogOff | Failed | 18-Jul | TaiHD |
| 36 | Controller | AccountController | LogOff | OK | 22.Jul | TaiHD |
| 37 | Controller | ProfileController | Index | OK | 22.Jul | TaiHD |
| 38 | Controller | ProfileController | List | OK | 22.Jul | TaiHD |
| 39 | Controller | ProfileController | Update | OK | 22.Jul | TaiHD |
| 40 | Controller | ProfileController | Update | OK | 22.Jul | TaiHD |
| 41 | Controller | ProfileController | UpdateContact | OK | 22.Jul | TaiHD |
| 42 | Controller | ProfileController | UpdateCommonInfo | OK | 22.Jul | TaiHD |
| 43 | Controller | ProfileController | UpdateEmploymentHistory | OK | 22.Jul | TaiHD |
| 44 | Controller | ProfileController | UpdateEducationHistory | OK | 22.Jul | TaiHD |
| 45 | Controller | ProfileController | UpdateReferencePerson | OK | 22.Jul | TaiHD |
| 46 | Controller | ProfileController | Delete | OK | 22.Jul | TaiHD |
| 47 | DAL | ProfileUnitOfWork | GetAllProList | OK | 22.Jul | TaiHD |
| 48 | DAL | ProfileUnitOfWork | UpdateContact | OK | 22.Jul | TaiHD |
| 49 | DAL | ProfileUnitOfWork | UpdateCommonInfo | OK | 22.Jul | TaiHD |
| 50 | DAL | CommonListUnitOfWork | CreateCity | OK | 14-Jul | ThaiPQ |
| 51 | DAL | CommonListUnitOfWork | UpdateCity | OK | 14-Jul | ThaiPQ |
| 52 | DAL | CommonListUnitOfWork | DeleteCity | OK | 14-Jul | ThaiPQ |
| 53 | DAL | CommonListUnitOfWork | CreateCategory | OK | 14-Jul | ThaiPQ |
| 54 | DAL | CommonListUnitOfWork | UpdateCategory | OK | 14-Jul | ThaiPQ |
| 55 | DAL | CommonListUnitOfWork | DeleteCategory | OK | 14-Jul | ThaiPQ |
| 56 | DAL | CommonListUnitOfWork | CreateLanguage | OK | 14-Jul | ThaiPQ |
| 57 | DAL | CommonListUnitOfWork | UpdateLanguage | OK | 14-Jul | ThaiPQ |
| 58 | DAL | CommonListUnitOfWork | DeleteLanguage | OK | 14-Jul | ThaiPQ |
| 59 | DAL | CommonListUnitOfWork | CreateJobLevel | OK | 14-Jul | ThaiPQ |
| 60 | DAL | CommonListUnitOfWork | UpdateJobLevel | OK | 14-Jul | ThaiPQ |
| 61 | DAL | CommonListUnitOfWork | DeleteJobLevel | OK | 14-Jul | ThaiPQ |
| 62 | DAL | CommonListUnitOfWork | CreateSchoolLevel | OK | 14-Jul | ThaiPQ |
| 63 | DAL | CommonListUnitOfWork | UpdateSchoolLevel | OK | 14-Jul | ThaiPQ |
| 64 | DAL | CommonListUnitOfWork | DeleteSchoolLevel | OK | 14-Jul | ThaiPQ |
| 65 | DAL | CommonListUnitOfWork | CreateLevel | OK | 18-Jul | ThaiPQ |
| 66 | DAL | CommonListUnitOfWork | UpdateLevel | OK | 18-Jul | ThaiPQ |
| 67 | DAL | CommonListUnitOfWork | DeleteLevel | OK | 18-Jul | ThaiPQ |
| 68 | DAL | CompanyInfoUnitOfWork | GetCompanyInfo | OK | 18-Jul | ThaiPQ |
| 69 | DAL | CompanyInfoUnitOfWork | CreateCompanyInfoCity | OK | 18-Jul | ThaiPQ |
| 70 | DAL | CompanyInfoUnitOfWork | UpdateCompanyInfo | OK | 18-Jul | ThaiPQ |
| 71 | Controller | CommonListController | CityList | OK | 22.Jul | ThaiPQ |
| 72 | Controller | CommonListController | CreateCity | OK | 22.Jul | ThaiPQ |
| 73 | Controller | CommonListController | UpdateCity | OK | 22.Jul | ThaiPQ |
| 74 | Controller | CommonListController | DeleteCity | OK | 22.Jul | ThaiPQ |
| 75 | Controller | CommonListController | CategoryList | OK | 22.Jul | ThaiPQ |
| 76 | Controller | CommonListController | CreateCategory | OK | 22.Jul | ThaiPQ |
| 77 | Controller | CommonListController | UpdateCategory | OK | 22.Jul | ThaiPQ |
| 78 | Controller | CommonListController | DeleteCategory | OK | 22.Jul | ThaiPQ |
| 79 | Controller | CommonListController | LanguageList | OK | 22.Jul | ThaiPQ |
| 80 | Controller | CommonListController | CreateLanguage | OK | 22.Jul | ThaiPQ |
| 81 | Controller | CommonListController | UpdateLanguage | OK | 22.Jul | ThaiPQ |
| 82 | Controller | CommonListController | DeleteLanguage | OK | 22.Jul | ThaiPQ |
| 83 | Controller | CommonListController | JobLevelList | OK | 22.Jul | ThaiPQ |
| 84 | Controller | CommonListController | CreateJobLevel | OK | 22.Jul | ThaiPQ |
| 85 | Controller | CommonListController | UpdateJobLevel | OK | 22.Jul | ThaiPQ |
| 86 | Controller | CommonListController | DeleteJobLevel | OK | 22.Jul | ThaiPQ |
| 87 | Controller | CommonListController | SchoolLevelList | OK | 22.Jul | ThaiPQ |
| 88 | Controller | CommonListController | CreateSchoolLevel | OK | 22.Jul | ThaiPQ |
| 89 | Controller | CommonListController | UpdateSchoolLevel | OK | 22.Jul | ThaiPQ |
| 90 | Controller | CommonListController | DeleteSchoolLevel | OK | 22.Jul | ThaiPQ |
| 91 | Controller | CommonListController | LevelList | OK | 22.Jul | ThaiPQ |
| 92 | Controller | CommonListController | CreateLevel | OK | 22.Jul | ThaiPQ |
| 93 | Controller | CommonListController | UpdateLevel | OK | 22.Jul | ThaiPQ |
| 94 | Controller | CommonListController | DeleteLevel | OK | 22.Jul | ThaiPQ |
| 95 | Controller | CompanyInfoController | Update | OK | 22.Jul | ThaiPQ |
| 96 | Controller | CompanyInfoController | Update | OK | 22.Jul | ThaiPQ |
| 97 | Controller | HomeController | Index | OK | 22.Jul | ThienNN |
| 98 | Controller | JobController | Search | OK | 22.Jul | ThienNN |
| 99 | Controller | JobController | Detail | OK | 22.Jul | ThienNN |
| 100 | Controller | JobController | Apply | OK | 22.Jul | ThienNN |
| 101 | Controller | JobController | AppliedJobList | Failed | 22.Jul | ThienNN |
| 102 | Controller | JobController | DeleteAppliedJob | OK | 22.Jul | ThienNN |
| 103 | Controller | MessageController | Inbox | OK | 22.Jul | ThienNN |
| 104 | Controller | MessageController | Sent | OK | 22.Jul | ThienNN |
| 105 | Controller | MessageController | Detail | Failed | 22.Jul | ThienNN |
| 106 | Controller | MessageController | Write | OK | 22.Jul | ThienNN |
| 107 | Controller | MessageController | Delete | OK | 22.Jul | ThienNN |
| 108 | Controller | ReportController | List | OK | 22.Jul | ThienNN |
| 109 | Controller | ReportController | Create | OK | 22.Jul | ThienNN |
| 110 | Controller | ReportController | CreatedList | OK | 22.Jul | ThienNN |
| 111 | Controller | ReportController | Resolve | OK | 22.Jul | ThienNN |
| 112 | Controller | ReportController | Delete | OK | 22.Jul | ThienNN |
| 113 | Controller | AdvertiseController | RequestedList | OK | 22.Jul | ThienNN |
| 114 | Controller | AdvertiseController | Search | OK | 22.Jul | ThienNN |
| 115 | Controller | AdvertiseController | CreateRequest | Failed | 22.Jul | ThienNN |
| 116 | Controller | AdvertiseController | AcceptRequest | OK | 22.Jul | ThienNN |
| 117 | Controller | AdvertiseController | DeleteRequest | Failed | 22.Jul | ThienNN |
| 118 | Controller | AdvertiseController | UpdateCost | Failed | 22.Jul | ThienNN |
| 119 | Controller | JobPackageController | Detail | OK | 22.Jul | ThienNN |
| 120 | Controller | JobPackageController | Choose | OK | 22.Jul | ThienNN |
| 121 | Controller | JobPackageController | Invoice | OK | 22.Jul | ThienNN |
| 122 | Controller | JobPackageController | RequestedList | OK | 22.Jul | ThienNN |
| 123 | Controller | JobPackageController | AcceptRequest | OK | 22.Jul | ThienNN |
| 124 | Controller | JobPackageController | DeleteRequest | OK | 22.Jul | ThienNN |
| 125 | DAL | AdvertiseUnitOfWork | GetAllAdvertise | OK | 22.Jul | ThienNN |
| 126 | DAL | AdvertiseUnitOfWork | CreateAdvertiseRequest | OK | 22.Jul | ThienNN |
| 127 | DAL | AdvertiseUnitOfWork | GetAllAdvertiseRequest | OK | 22.Jul | ThienNN |
| 128 | DAL | AdvertiseUnitOfWork | AccepMultiAdvertise | OK | 22.Jul | ThienNN |
| 129 | DAL | AdvertiseUnitOfWork | DeleteMultiAdvertise | OK | 22.Jul | ThienNN |
| 130 | DAL | HomeUnitOfWork | GetAllJob | OK | 22.Jul | ThienNN |
| 131 | DAL | HomeUnitOfWork | GetAllCities | OK | 22.Jul | ThienNN |
| 132 | DAL | HomeUnitOfWork | GetAllCategories | OK | 22.Jul | ThienNN |
| 133 | DAL | HomeUnitOfWork | GetAllSchoolLevel | OK | 22.Jul | ThienNN |
| 134 | DAL | JobUnitOfWork | CheckCity | OK | 22.Jul | ThienNN |
| 135 | DAL | JobUnitOfWork | CheckCategories | OK | 22.Jul | ThienNN |
| 136 | DAL | JobUnitOfWork | FindJob | OK | 22.Jul | ThienNN |
| 137 | DAL | JobUnitOfWork | GetJobDetail | OK | 22.Jul | ThienNN |
| 138 | DAL | JobUnitOfWork | IsJobExist | OK | 22.Jul | ThienNN |
| 139 | DAL | JobUnitOfWork | GetAppliedJobList | OK | 22.Jul | ThienNN |
| 140 | DAL | JobUnitOfWork | DeleteAppliedRequest | OK | 22.Jul | ThienNN |
| 141 | DAL | MessageUnitOfWork | GetAllMessage | OK | 22.Jul | ThienNN |
| 142 | DAL | MessageUnitOfWork | AutoCompleteUser | OK | 22.Jul | ThienNN |
| 143 | DAL | MessageUnitOfWork | SendMessage | OK | 22.Jul | ThienNN |
| 144 | DAL | MessageUnitOfWork | GetAspNetUserIdByName | OK | 22.Jul | ThienNN |
| 145 | DAL | MessageUnitOfWork | IsMessageExist | OK | 22.Jul | ThienNN |
| 146 | DAL | MessageUnitOfWork | GetMessageDetail | OK | 22.Jul | ThienNN |
| 147 | DAL | MessageUnitOfWork | DeleteMessage | OK | 22.Jul | ThienNN |
| 148 | DAL | MessageUnitOfWork | GetAllSentMessage | OK | 22.Jul | ThienNN |
| 149 | DAL | MessageUnitOfWork | GetAllDeleteMessage | OK | 22.Jul | ThienNN |
| 150 | DAL | PackageUnitOfWork | GetAllPackage | OK | 22.Jul | ThienNN |
| 151 | DAL | PackageUnitOfWork | GetJobPackageById | OK | 22.Jul | ThienNN |
| 152 | DAL | PackageUnitOfWork | CreateJobPackageRequest | OK | 22.Jul | ThienNN |
| 153 | DAL | PackageUnitOfWork | GetAllJobPackageRequest | OK | 22.Jul | ThienNN |
| 154 | DAL | PackageUnitOfWork | AcceptJobPackageRequest | OK | 22.Jul | ThienNN |
| 155 | DAL | PackageUnitOfWork | DeleteJobPackageRequest | OK | 22.Jul | ThienNN |
| 156 | DAL | PackageUnitOfWork | AccepMultitJobPackageRequest | OK | 22.Jul | ThienNN |
| 157 | DAL | ReportUnitOfWork | CreateReport | OK | 22.Jul | ThienNN |
| 158 | DAL | ReportUnitOfWork | GetAllReport | OK | 22.Jul | ThienNN |
| 159 | DAL | ReportUnitOfWork | DeleteReport | OK | 22.Jul | ThienNN |
| 160 | DAL | JobUnitOfWork | Model\_Topic | OK | 22.Jul | ThienVH |
| 161 | DAL | JobUnitOfWork | CreateJob | Failed | 22.Jul | ThienVH |
| 162 | DAL | JobUnitOfWork | GetJobByRecruiterID | OK | 22.Jul | ThienVH |
| 163 | DAL | JobUnitOfWork | Display | OK | 22.Jul | ThienVH |
| 164 | DAL | JobUnitOfWork | Hide | OK | 22.Jul | ThienVH |
| 165 | DAL | TopicUnitOfWork | Create | Failed | 22.Jul | ThienVH |
| 166 | DAL | TopicUnitOfWork | Get | OK | 22.Jul | ThienVH |
| 167 | DAL | TopicUnitOfWork | GetByID | OK | 22.Jul | ThienVH |
| 168 | DAL | TopicUnitOfWork | GetByUserID | OK | 22.Jul | ThienVH |
| 169 | DAL | TopicUnitOfWork | Delete | OK | 22.Jul | ThienVH |
| 170 | DAL | TopicUnitOfWork | GetPendingList | OK | 22.Jul | ThienVH |
| 171 | DAL | TopicUnitOfWork | Approve | OK | 22.Jul | ThienVH |
| 172 | DAL | TopicUnitOfWork | Dispapprove | OK | 22.Jul | ThienVH |
| 173 | DAL | ApplicantUnitOfWork | GetApplicantByJobID | OK | 22.Jul | ThienVH |
| 174 | DAL | ApplicantUnitOfWork | ApproveApplicant | OK | 22.Jul | ThienVH |
| 175 | DAL | ApplicantUnitOfWork | RejectApplicant | OK | 22.Jul | ThienVH |
| 176 | Controller | JobController | OwList | OK | 22.Jul | ThienVH |
| 177 | Controller | JobController | Create | OK | 22.Jul | ThienVH |
| 178 | Controller | JobController | Hide | OK | 22.Jul | ThienVH |
| 179 | Controller | JobController | Display | OK | 22.Jul | ThienVH |
| 180 | Controller | TopicController | List | OK | 22.Jul | ThienVH |
| 181 | Controller | TopicController | Creat | OK | 22.Jul | ThienVH |
| 182 | Controller | TopicController | Detail | OK | 22.Jul | ThienVH |
| 183 | Controller | TopicController | OwnList | OK | 22.Jul | ThienVH |
| 184 | Controller | TopicController | Delete | OK | 22.Jul | ThienVH |
| 185 | Controller | TopicController | PendingList | OK | 22.Jul | ThienVH |
| 186 | Controller | TopicController | Approve | OK | 22.Jul | ThienVH |
| 187 | Controller | TopicController | Disapprove | OK | 22.Jul | ThienVH |
| 188 | Controller | ApplicantController | List | OK | 22.Jul | ThienVH |
| 189 | Controller | ApplicantController | Approve | OK | 22.Jul | ThienVH |
| 190 | Controller | ApplicantController | Disapprove | OK | 22.Jul | ThienVH |

## Integration Test Case

### Account Controller

### List screen

### Advertise Controller

### Advertise Request List screen

### Applicant Controller

### List screen

### Active/ Deactive job

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| ADJ01 | Active job successful | 1. On the OwnList page, click button active at row to active that job.  2. Choose "Đồng ý". | 1. Message "Bạn có chắc không muốn tiếp tục hiển thị công việc này?" is shown.  2. State job will change to "Đang hiển thị" accordingly. | 1 | Passed | 22/7/2015 |  |
| ADJ02 | Deactive job successful | 1. On the OwnList page, click button deactive at row to deactive that job.  2. Choose "Đồng ý". | 1. Message " Bạn có chắc muốn tiếp tục hiển thị công việc này?" is shown.  2. State job will change to "Không hiển thị" accordingly. | 1 | Passed | 22/7/2015 |  |

### Common List Controller

### Category List screen

### Create category

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| CCA01 | Create new category with blank "Tên nhóm ngành nghề". | 1. On the Create page, do not input " Tên nhóm ngành nghề ".  2. Click "Tạo mới". | 2.Message “Thông tin này bắt buộc" is showed under " Tên nhóm ngành nghề ". | 1 | Passed | 22/7/2015 |  |
| CCA02 | Create new category with content greater than 50 characters at " Tên nhóm ngành nghề". | 1. On the Create page, input content greater than 50 characters at " Tên nhóm ngành nghề".  2. Click "Tạo mới". | 2.Message “Nội dung nhập vào không vượt quá 50 kí tự" is showed under "Tên nhóm ngành nghề". | 1 | Passed | 22/7/2015 |  |
| CCA03 | Create new category with content greater than 100 characters at " Mô tả". | 1. On the Create page, input content greater than 100 characters at " Mô tả ".  2. Click "Tạo mới". | 2.Message “Nội dung nhập vào không vượt quá 100 kí tự" is showed under "Mô tả". | 1 | Passed | 22/7/2015 |  |
| CCA04 | Create new category successful. | 1. On the create page.  2. Fill the category information:   * Tên nhóm ngành nghề * Mô tả   3. Click to “Tạo mới” button. | 2.Return page CategoryList with new data. | 1 | Passed | 22/7/2015 |  |
| CCA05 | Create new category failed. | 2.Message"Tạo mới thất bại". | 1 |  |  |  |

### 

### Update category

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| UCA01 | Update category with blank "Tên nhóm ngành nghề". | 1. On the Create page, do not input " Tên nhóm ngành nghề ".  2. Click "Cập nhật". | 2.Message “Thông tin này bắt buộc" is showed under " Tên nhóm ngành nghề ". | 1 | Passed | 22/7/2015 |  |
| UCA02 | Update category with content greater than 50 characters at " Tên nhóm ngành nghề". | 1. On the Create page, input content greater than 50 characters at " Tên nhóm ngành nghề".  2. Click " Cập nhật ". | 2.Message “Nội dung nhập vào không vượt quá 50 kí tự" is showed under " Tên nhóm ngành nghề ". | 1 | Passed | 22/7/2015 |  |
| UCA03 | Update category with content greater than 100 characters at " Mô tả". | 1. On the Create page, input content greater than 100 characters at " Mô tả ".  2. Click " Cập nhật ". | 2.Message “Nội dung nhập vào không vượt quá 100 kí tự" is showed under " Mô tả ". | 1 | Passed | 22/7/2015 |  |
| UCA04 | Update category successful. | 1. On the update page.  2. Fill the category information:   * Tên nhóm ngành nghề * Mô tả   3. Click to “Cập nhật” button. | 2.Return page CategoryList with new data. | 1 | Passed | 22/7/2015 |  |
| UCA05 | Update category failed. | 2.Message"Cập nhật thất bại". | 1 |  |  |  |

### Delete category

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| DCA01 | Delete category successful. | 1. On the category list page, click button "Xóa" at any row.  2. Choose "OK". | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2.That row will be deleted. | 1 | Passed | 22/7/2015 |  |
| DCA02 | Delete category failed. | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2.Message "Xóa thất bại" is shown. | 1 |  |  |  |
| DCA03 | Cancel to delete category. | 1. On the category list page, click button "Xóa" at any row.  2. Choose "Hủy". | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2. Return page CategoryList. | 1 | Passed | 22/7/2015 |  |

### City List screen

### Create city

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| CC01 | Create new city with blank "Tên thành phố". | 1. On the Create page, do not input "Tên thành phố".  2. Click "Tạo mới". | 2.Message “Thông tin này bắt buộc" is showed under "Tên thành phố". | 1 | Passed | 22/7/2015 |  |
| CC02 | Create new city with content greater than 50 characters at "Tên thành phố ". | 1. On the Create page, input content greater than 50 characters at "Tên thành phố ".  2. Click "Tạo mới". | 2.Message “Nội dung nhập vào không vượt quá 50 kí tự" is showed under "Tên thành phố". | 1 | Passed | 22/7/2015 |  |
| CC03 | Create new city successful. | 1. On the create page.  2. Fill the city information:   * Tên thành phố   3. Click to “Tạo mới” button. | 2.Return page CityList with new data. | 1 | Passed | 22/7/2015 |  |
| CC04 | Create new city failed. | 2.Message"Tạo mới thất bại". | 1 |  |  |  |

### 

### Update city

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| UC01 | Update city with blank "Tên thành phố". | 1. On the Update page, do not input "Tên thành phố".  2. Click "Cập nhật". | 2.Message “Thông tin này bắt buộc" is showed under input "Tên thành phố". | 1 | Passed | 22/7/2015 |  |
| UC02 | Update city with content greater than 50 characters at "Tên thành phố ". | 1. On the Update page, input content greater than 50 characters at "Tên thành phố ".  2. Click "Cập nhật ". | 2.Message “Nội dung nhập vào không vượt quá 50 kí tự" is showed under "Tên thành phố". | 1 | Passed | 22/7/2015 |  |
| UC03 | Update city successful. | 1. On the update page.  2. Fill the city information:   * Tên thành phố   3. Click to “cập nhật” button. | 2.Return page CityList with new data. | 1 | Passed | 22/7/2015 |  |
| UC04 | Update city failed. | 2.Message"Cập nhật thất bại". | 1 |  |  |  |

### Delete city

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| DC01 | Delete city successful. | 1. On the city list page, click button "Xóa" at any row.  2. Choose "OK". | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2.That row will be deleted. | 1 | Passed | 22/7/2015 |  |
| DC02 | Delete city failed. | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2.Message "Xóa thất bại" is shown. | 1 |  |  |  |
| DC03 | Cancel to delete city. | 1. On the city list page, click button "Xóa" at any row.  2. Choose "Hủy". | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2. Return page CityList. | 1 | Passed | 22/7/2015 |  |

### Language List screen

### Create language

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| CL01 | Create new language with blank "Tên ngôn ngữ". | 1. On the Create page, do not input "Tên ngôn ngữ".  2. Click "Tạo mới". | 2.Message “Thông tin này bắt buộc" is showed under "Tên ngôn ngữ". | 1 | Passed | 22/7/2015 |  |
| CL02 | Create new language with content greater than 50 characters at "Tên ngôn ngữ". | 1. On the Create page, input content greater than 50 characters at "Tên ngôn ngữ ".  2. Click "Tạo mới". | 2. Message “Nội dung nhập vào không vượt quá 50 kí tự" is showed under "Tên ngôn ngữ ". | 1 | Passed | 22/7/2015 |  |
| CL03 | Create new language successful. | 1. On the create page.  2. Fill the language information:   * Tên ngôn ngữ   3. Click to “Tạo mới” button. | 2.Return page LanguageList with new data. | 1 | Passed | 22/7/2015 |  |
| CL04 | Create new language failed. | 2.Message "Tạo mới thất bại" is shown. | 1 |  |  |  |

### 

### Update language

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| UL01 | Update language with blank "Tên ngôn ngữ ". | 1. On the Update page, do not input "Tên ngôn ngữ ".  2. Click "Cập nhật". | 2.Message “Thông tin này bắt buộc" is showed under input "Tên ngôn ngữ ". | 1 | Passed | 22/7/2015 |  |
| UL02 | Update language with content greater than 50 characters at "Tên ngôn ngữ ". | 1. On the Update page, input content greater than 50 characters at "Tên ngôn ngữ ".  2. Click "Cập nhật ". | 2.Message “Nội dung nhập vào không vượt quá 50 kí tự" is showed under " Tên ngôn ngữ ". | 1 | Passed | 22/7/2015 |  |
| UL03 | Update language successful. | 1. On the update page.  2. Fill the language information:   * Tên ngôn ngữ   3. Click to “Tạo mới” button. | 2.Return page LanguageList with new data. | 1 | Passed | 22/7/2015 |  |
| UL04 | Update language failed. | 2.Message "Cập nhật thất bại" is shown. | 1 |  |  |  |

### Delete language

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| DL01 | Delete language successful. | 1. On the language list page, click button "Xóa" at any row.  2. Choose "OK". | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2.That row will be deleted. | 1 | Passed | 22/7/2015 |  |
| DL02 | Delete language failed. | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2.Message "Xóa thất bại" is shown. | 1 |  |  |  |
| DL03 | Cancel to delete language. | 1. On the language list page, click button "Xóa" at any row.  2. Choose "Hủy". | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2. Return page LanguageList. | 1 | Passed | 22/7/2015 |  |

### Job Level List screen

### Create job level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| CJL01 | Create new job level with blank "Tên cấp bậc" and "Hệ số cấp bậc". | 1. On the Create page, do not input "Tên cấp bậc " and " Hệ số cấp bậc ".  2. Click "Tạo mới". | 2.Message “Thông tin này bắt buộc" is showed under " Tên cấp bậc " and " Hệ số cấp bậc ". | 1 | Passed | 22/7/2015 |  |
| CJL02 | Create new job level with content greater than 50 characters at " Tên cấp bậc ". | 1. On the Create page, input content greater than 50 characters at "Tên cấp bậc ".  2. Click "Tạo mới". | 2.Message “Nội dung nhập vào không vượt quá 50 kí tự" is showed under " Tên cấp bậc ". | 1 | Passed | 22/7/2015 |  |
| CJL03 | Create new job level with content not integer at " Hệ số cấp bậc ". | 1. On the Create page, input content not integer at " Hệ số cấp bậc ".  2. Click "Tạo mới". | 2.Message “Nội dung nhập vào phải là số nguyên " is showed under " Hệ số cấp bậc ". | 1 | Passed | 22/7/2015 |  |
| CJL04 | Create new job level successful. | 1. On the create page.  2. Fill the job level information:   * Tên cấp bậc * Hệ số cấp bậc   3. Click to “Tạo mới” button. | 2.Return page JobLevelList with new data. | 1 | Passed | 22/7/2015 |  |
| CJL05 | Create new job level failed. | 2.Message "Tạo mới thất bại" is shown. | 1 |  |  |  |

### 

### Update job level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| UJL01 | Update job level with blank "Tên cấp bậc" and "Hệ số cấp bậc". | 1. On the Update page, do not input " Tên cấp bậc " and " Hệ số cấp bậc ".  2. Click "Cập nhật". | 2.Message “Thông tin này bắt buộc" is showed under " Tên cấp bậc " and " Hệ số cấp bậc ". | 1 | Passed | 22/7/2015 |  |
| UJL02 | Update job level with content greater than 50 characters at " Tên cấp bậc ". | 1. On the Update page, input content greater than 50 characters at " Tên cấp bậc ".  2. Click " Cập nhật ". | 2.Message “Nội dung nhập vào không vượt quá 50 kí tự" is showed under " Tên cấp bậc ". | 1 | Passed | 22/7/2015 |  |
| UJL03 | Update job level with content not integer at " Hệ số cấp bậc ". | 1. On the Update page, input content not integer at " Hệ số cấp bậc ".  2. Click " Cập nhật ". | 2.Message “Nội dung nhập vào phải là số nguyên " is showed under " Hệ số cấp bậc ". | 1 | Passed | 22/7/2015 |  |
| UJL04 | Update job level successful. | 1. On the update page.  2. Fill the job level information:   * Tên cấp bậc * Hệ số cấp bậc   3. Click to “Tạo mới” button. | 2.Return page JobLevelList with new data. | 1 | Passed | 22/7/2015 |  |
| UJL05 | Update job level failed. | 2.Message "Cập nhật thất bại" is shown. | 1 |  |  |  |

### Delete job level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| DJL01 | Delete job level successful. | 1. On the job level list page, click button "Xóa" at any row.  2. Choose "OK". | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2.That row will be deleted. | 1 | Passed | 22/7/2015 |  |
| DJL02 | Delete job level failed. | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2.Message "Xóa thất bại" is shown. | 1 |  |  |  |
| DJL03 | Cancel to delete job level. | 1. On the job level list page, click button "Xóa" at any row.  2. Choose "Hủy". | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2. Return page JobLevelList. | 1 | Passed | 22/7/2015 |  |

### School Level List screen

### Create school level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| CSL01 | Create new school level with blank " Tên bằng cấp " and "Hệ số cấp bậc". | 1. On the Create page, do not input " Tên bằng cấp " and " Hệ số cấp bậc ".  2. Click "Tạo mới". | 2.Message “Thông tin này bắt buộc" is showed under " Tên bằng cấp " and " Hệ số cấp bậc ". | 1 | Passed | 22/7/2015 |  |
| CSL02 | Create new school level with content greater than 50 characters at " Tên bằng cấp ". | 1. On the Create page, input content greater than 50 characters at "Tên bằng cấp ".  2. Click "Tạo mới". | 2.Message “Nội dung nhập vào không vượt quá 50 kí tự" is showed under " Tên bằng cấp ". | 1 | Passed | 22/7/2015 |  |
| CSL03 | Create new school level with content not integer at " Hệ số cấp bậc ". | 1. On the Create page, input content not integer at " Hệ số cấp bậc ".  2. Click "Tạo mới". | 2.Message “Nội dung nhập vào phải là số nguyên " is showed under " Hệ số cấp bậc ". | 1 | Passed | 22/7/2015 |  |
| CSL04 | Create new school level successful. | 1. On the create page.  2. Fill the school level information:   * Tên bằng cấp * Hệ số cấp bậc   3. Click to “Tạo mới” button. | 2.Return page SchoolLevelList with new data. | 1 | Passed | 22/7/2015 |  |
| CSL05 | Create new school level failed. | 2.Message "Tạo mới thất bại" is shown. | 1 |  |  |  |

### 

### Update school level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| USL01 | Update school level with blank "Tên bằng cấp " and "Hệ số cấp bậc". | 1. On the Update page, do not input " Tên bằng cấp " and " Hệ số cấp bậc ".  2. Click "Cập nhật". | 2.message “Thông tin này bắt buộc" is showed under " Tên bằng cấp " and " Hệ số cấp bậc ". | 1 | Passed | 22/7/2015 |  |
| USL02 | Update school level with content greater than 50 characters at " Tên bằng cấp ". | 1. On the Update page, input content greater than 50 characters at " Tên bằng cấp ".  2. Click " Cập nhật ". | 2.message “Nội dung nhập vào không vượt quá 50 kí tự" is showed under " Tên bằng cấp ". | 1 | Passed | 22/7/2015 |  |
| USL03 | Update school level with content not integer at " Hệ số cấp bậc ". | 1. On the Update page, input content not integer at "Tên cấp bậc ".  2. Click " Cập nhật ". | 2.message “Nội dung nhập vào phải là số nguyên " is showed under " Hệ số cấp bậc ". | 1 | Passed | 22/7/2015 |  |
| USL04 | Update school level successful. | 1. On the update page.  2. Fill the school level information:   * Tên bằng cấp * Hệ số cấp bậc   3. Click to “Tạo mới” button. | 2.return page SchoolLevelList. | 1 | Passed | 22/7/2015 |  |
| USL05 | Update school level failed. | 2.Message "Cập nhật thất bại" is shown. | 1 |  |  |  |

### Delete school level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| DSL01 | Delete school level successful. | 1. On the school level list page, click button "Xóa" at any row.  2. Choose "OK". | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2.That row will be deleted. | 1 | Passed | 22/7/2015 |  |
| DSL02 | Delete school level failed. | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2.Message "Xóa thất bại" is shown. | 1 |  |  |  |
| DSL03 | Cancel to delete school level. | 1. On the school level list page, click button "Xóa" at any row.  2. Choose "Hủy". | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2. Return page SchoolLevelList. | 1 | Passed | 22/7/2015 |  |

### Level List screen

### Create level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| CL01 | Create new level with blank " Tên trình độ ngôn ngữ " and "Hệ số cấp bậc". | 1. On the Create page, do not input " Tên trình độ ngôn ngữ " and " Hệ số cấp bậc ".  2. Click "Tạo mới". | 2.Message “Thông tin này bắt buộc" is showed under " Tên trình độ ngôn ngữ " and " Hệ số cấp bậc ". | 1 | Passed | 22/7/2015 |  |
| CL02 | Create new level with content greater than 50 characters at " Tên trình độ ngôn ngữ ". | 1. On the Create page, input content greater than 50 characters at "Tên trình độ ngôn ngữ ".  2. Click "Tạo mới". | 2.Message “Nội dung nhập vào không vượt quá 50 kí tự" is showed under " Tên trình độ ngôn ngữ ". | 1 | Passed | 22/7/2015 |  |
| CL03 | Create new level with content not integer at " Hệ số cấp bậc ". | 1. On the Create page, input content not integer at " Hệ số cấp bậc ".  2. Click "Tạo mới". | 2.Message “Nội dung nhập vào phải là số nguyên " is showed under " Hệ số cấp bậc ". | 1 | Passed | 22/7/2015 |  |
| CL04 | Create new level successful. | 1. On the create page.  2. Fill the level information:   * Tên trình độ ngôn ngữ * Hệ số cấp bậc   3. Click to “Tạo mới” button. | 2.Return page LevelList with new data. | 1 | Passed | 22/7/2015 |  |
| CL05 | Create new level failed. | 2.Message "Tạo mới thất bại" is shown. | 1 |  |  |  |

### 

### Update level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| UL01 | Update level with blank "Tên trình độ ngôn ngữ " and "Hệ số cấp bậc". | 1. On the Update page, do not input " Tên trình độ ngôn ngữ " and " Hệ số cấp bậc ".  2. Click "Cập nhật". | 2.Message “Thông tin này bắt buộc" is showed under " Tên trình độ ngôn ngữ " and " Hệ số cấp bậc ". | 1 | Passed | 22/7/2015 |  |
| UL02 | Update level with content greater than 50 characters at " Tên trình độ ngôn ngữ ". | 1. On the Update page, input content greater than 50 characters at " Tên trình độ ngôn ngữ ".  2. Click " Cập nhật ". | 2.Message “Nội dung nhập vào không vượt quá 50 kí tự" is showed under " Tên trình độ ngôn ngữ ". | 1 | Passed | 22/7/2015 |  |
| UL03 | Update level with content not integer at " Hệ số cấp bậc ". | 1. On the Update page, input content not integer at "Tên cấp bậc ".  2. Click " Cập nhật ". | 2.Message “Nội dung nhập vào phải là số nguyên " is showed under " Hệ số cấp bậc ". | 1 | Passed | 22/7/2015 |  |
| UL04 | Update new level successful. | 1. On the update page.  2. Fill the level information:   * Tên trình độ ngôn ngữ * Hệ số cấp bậc   3. Click to “Tạo mới” button. | 2.Return page LevelList with new data. | 1 | Passed | 22/7/2015 |  |
| UL05 | Update new level failed. | 2.Message "Cập nhật thất bại" is shown. | 1 |  |  |  |

### Delete level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| DL01 | Delete level successful. | 1. On the level list page, click button "Xóa" at any row.  2. Choose "OK". | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2.That row will be deleted. | 1 | Passed | 22/7/2015 |  |
| DL02 | Delete level failed. | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2.Message "Xóa thất bại" is shown. | 1 |  |  |  |
| DL03 | Cancel to delete level. | 1. On the level list page, click button "Xóa" at any row.  2. Choose "Hủy". | 1.Message “Bạn có muốn tiếp tục xóa" is shown.  2. Return page LevelList. | 1 | Passed | 22/7/2015 |  |

### Company Info Controller

### Update screen

### Update company info

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| UCI01 | Update company info with blank "Tên công ty". | 1. On the Update page, do not input "Tên công ty ".  2. Click "Cập nhật". | 2. Message “Thông tin này bắt buộc" is showed under input "Tên công ty ". | 1 | Passed | 22/7/2015 |  |
| UCI02 | Update company info with content greater than 100 characters at "Tên công ty ". | 1. On the Update page, input content greater than 100 characters at "Tên công ty "  2. Click "Cập nhật " | 2.Message “Nội dung nhập vào không vượt quá 100 kí tự" is showed under "Tên công ty ". | 1 | Passed | 22/7/2015 |  |
| UCI03 | Update company info with content greater than 100 characters at "Địa chỉ". | 1. On the Update page, input content greater than 100 characters at "Địa chỉ".  2. Click "Cập nhật". | 2.Message “Nội dung nhập vào không vượt quá 100 kí tự" is showed under "Địa chỉ". | 1 | Passed | 22/7/2015 |  |
| UCI04 | Update company info with content greater than 30 characters at "Quận". | 1. On the Update page, input content greater than 30 characters at "Quận".  2. Click "Cập nhật ". | 2.Message “Nội dung nhập vào không vượt quá 30 kí tự" is showed under "Quận". | 1 | Passed | 22/7/2015 |  |
| UCI05 | Update company info with content greater than 20 characters at "Điện thoại". | 1. On the Update page, input content greater than 20 characters at "Điện thoại".  2. Click "Cập nhật". | 2.message “Nội dung nhập vào không vượt quá 20 kí tự" is showed under "Điện thoại". | 1 | Passed | 22/7/2015 |  |
| UCI06 | Update company info with content not integer at " Điện thoại". | 1. On the Update page, input content not integer at " Điện thoại ".  2. Click " Cập nhật". | 2.Message “Nội dung nhập vào phải là số nguyên" is showed under "Điện thoại". | 1 | Passed | 22/7/2015 |  |
| UCI07 | Update company info successful. | 1. On the update page.  2. Update the company information:   * Tên công ty * Địa chỉ * Quận * Thành Phố * Số điện thoại * Mô tả * Logo url   3. Click to “Cập nhật” button. | 3.return to update page. | 1 | Passed | 22/7/2015 |  |
| UCI08 | Update company info failed. | 3.Message "Cập nhật thất bại" is shown. | 1 |  |  |  |

### Home Controller

### Index screen

### About screen

### Contact screen

### Job Controller

### Applied Job List screen

### Create screen

### Detail screen

### Find screen

### Own List screen

### Job Package Controller

### Job Package Request screen

### Search job package request by recruiter name

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| SJPQ01 | Search job package by recruiter name successful. | 1.Input "Fpt" into search text box. | 2. All row which have name relation with "Fpt" at column "Nhà tuyển dụng" will be shown. | 1 | Passed | 22/7/2015 |  |
| SJPQ02 | Search job package by recruiter name fail. | 2. No row will be shown. | 1 | Passed | 22/7/2015 |  |

### Filter job package request

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| FJPQ01 | Filter job package successful. | 1. Click filter dropdownlist .  2.Click option "Basic". | 2. All row which have "Basic" at column "Gói công việc" will be shown. | 1 | Passed | 22/7/2015 |  |
| FJPQ02 | 1. Click filter dropdownlist .  2.Click option "Professional". | 2. All row which have "Professional" at column "Gói công việc" will be shown. | 1 | Passed | 22/7/2015 |  |
| FJPQ03 | 1. Click filter dropdownlist .  2.Click option "Bussiness". | 2. All row which have " Bussiness " at column "Gói công việc" will be shown. | 1 | Passed | 22/7/2015 |  |
| FJPQ04 | 1. Click filter dropdownlist .  2.Click option "Unlimited". | 2. All row which have "Unlimited" at column "Gói công việc" will be shown. | 1 | Passed | 22/7/2015 |  |
| FJPQ05 | 1. Click filter dropdownlist .  2.Click option "Tất cả". | 2. All info will be shown. | 1 | Passed | 22/7/2015 |  |

### Accept job package request

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| AJPQ01 | Accept job package request successful. | 1. Click check box in row which state of job package is "Chưa chấp nhận".  2.Click button "chấp nhận". | 2. State of corresponding job package "Chưa chấp nhận" change to "Đã chấp nhận". | 1 | Passed | 22/7/2015 |  |
| AJPQ02 | Accept job package request error. | 2. show message "Có lỗi xảy ra vui lòng thử lại " | 1 |  |  |  |

### Delete job package request

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| DJPQ01 | Delete job package request successful. | 1. Click any check box in row which want to delete.  2.Click button "Xóa".  3.Confirm message "Bạn có muốn tiếp tục xóa "will show.  4. Click "OK". | 4. Infomation of corresponding job package is deleted. | 1 | Passed | 22/7/2015 |  |
| DJPQ02 | Delete job package request failed. | 4. show message "Xóa thất bại " | 1 |  |  |  |
| DJPQ03 | Cancel to delete job package request. | 1. Click any check box in row which want to delete.  2.Click button "Xóa".  3.Confirm message "Bạn có muốn tiếp tục xóa "will show.  4. Click "Hủy". | 4. Return to page JobPackageRequestList. | 1 | Passed | 22/7/2015 |  |

### Choose screen

### Choose job package

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| CJP01 | Choose job package successful. | 1. On the Choose page, click "Mua" with corresponding job package | 1. Go to Invoice page with corresponding job package infomation. | 1 | Passed | 28/7/2015 |  |

### Invoice screen

### Pay job package

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| PJP01 | Send request order successful. | 1. On the Invoice page, click "Thanh toán". | 1. Return to Choose page. | 1 | Passed | 28/7/2015 |  |

### Message Controller

### List screen

### Create new message

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| LS01 | Create new message successful. | 1. On the List page, click to button "Viết tin nhắn mới".  2. Input receiver username in text box "To:" and content in text area.  3. Click button "Gửi". | 1. Page "Tin nhắn mới" is shown.  3. Return List page. | 1 | Passed | 28/7/2015 |  |
| LS02 | Create new message failed. | 1. Page "Tin nhắn mới" is shown.  3. Message "Tin nhắn chưa được gửi" is shown. | 1 |  |  |  |
| LS02 | Cancel to create new message failed. | 1. On the List page, click to button "Viết tin nhắn mới".  2. Input receiver username in text box "To:" and content in text area.  3. Click button "Đóng". | 1. Page "Tin nhắn mới" is shown.  3. Return List page. | 1 | Passed | 28/7/2015 |  |

### Show inbox

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| SI01 | Show inbox successful. | 1. On the List page, click to button "Hộp tin". | 1. List message in box "Tin nhắn" is shown (no message is shown if not). | 1 | Passed | 28/7/2015 |  |

### Show sent message

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| SSM01 | Show sent message successful. | 1. On the List page, click to button "Tin đã gửi". | 1. List sent message in box "Tin nhắn đã gửi" is shown (no sent message is shown if not). | 1 | Passed | 28/7/2015 |  |

### Show deleted message

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| SSM01 | Show deleted message successful. | 1. On the List page, click to button "Tin đã gửi". | 1. List deleted message in box "Tin nhắn đã gửi" is shown (no deleted message is shown if not). | 1 | Passed | 28/7/2015 |  |

### Refresh

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| SSM01 | Filter message. | 1. On the List page, click to button . | 1. Inbox is refreshed. | 1 | Passed | 28/7/2015 |  |

### Filter message

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| SSM01 | Filter message. | 1. On the List page, click to button.  2. Choose "Tất cả" | 1. All message is shown. | 1 | Passed | 28/7/2015 |  |
| SSM02 | 1. On the List page, click to button.  2. Choose "Đã đọc" | 1. All read message is shown. | 1 | Passed | 28/7/2015 |  |
| SSM03 | 1. On the List page, click to button.  2. Choose "Chưa đọc" | 1. All unread message is shown. | 1 | Passed | 28/7/2015 |  |
| SSM04 | 1. On the List page, click to button.  2. Choose "Đã đánh dấu" | 1. All marked message is shown. | 1 | Passed | 28/7/2015 |  |
| SSM05 | 1. On the List page, click to button.  2. Choose "Chưa đánh dấu" | 1. All message which not marked is shown. | 1 | Passed | 28/7/2015 |  |

### Delete message

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| SSM01 | Delete message. | 1. On the List page, click check box of message need to delete.  2. Click drop down list "Thao tác"  3. Choose "Xóa các tin nhắn đã chọn" | 1. All message which be marked is deleted. | 1 | Passed | 28/7/2015 |  |

### Mark all read message

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Test Case Procedure** | **Expected output** | **Number of tests** | **Result** | **Test Date** | **Note** |
| MARM01 | Mark all read message. | 1. On the List page, click check box of message need to delete.  2. Click drop down list "Thao tác"  3. Choose "Đánh dấu đã xem tất cả tin nhắn" | 1. All unread message become read message. | 1 | Passed | 28/7/2015 |  |

### Detail screen

### Profile Controller

### List screen

### Detail screen

### Report Controller

### Index screen

### Topic Controller

### Create screen

### Own List screen

### List screen

### Detail screen

### Pending List screen