**BỘ TÀI CHÍNH**

**TRƯỜNG ĐẠI HỌC TÀI CHÍNH – MARKETING**

**KHOA CÔNG NGHỆ THÔNG TIN**



**ĐỒ ÁN MÔN HỌC**

**KIỂM THỬ PHẦN MỀM**

**TESTING PROJECT**

**FINAL TEST**

Giảng viên hướng dẫn: **ThS. Đinh Nguyễn Thúy Nguyệt**

Sinh viên thực hiện: **2021001052 – Nguyễn Phúc Nguyên**

Mã lớp học phần: **2321112003501**

**TPHCM, tháng 8 năm 2023**

**BỘ TÀI CHÍNH**

**TRƯỜNG ĐẠI HỌC TÀI CHÍNH – MARKETING**

**KHOA CÔNG NGHỆ THÔNG TIN**

Logo

Description automatically generated

**ĐỒ ÁN MÔN HỌC**

**AN TOÀN THÔNG TIN**

**TESTING PROJECT**

**FINAL TEST**

Giảng viên hướng dẫn: **ThS. Đinh Nguyễn Thúy Nguyệt**

Sinh viên thực hiện: **2021001052 – Nguyễn Phúc Nguyên**

Mã lớp học phần: **2321112003501**

**TPHCM, tháng 8 năm 2023**

# LỜI CẢM ƠN

Em xin gửi lời cảm ơn chân thành đến cô Đinh Nguyễn Thúy Nguyệt - giảng viên bộ môn “Kiểm thử phần mềm” tại khoa Công nghệ thông tin đã trang bị cho em những kiến thức và kỹ năng cơ bản để có thể hoàn thành đề tài nghiên cứu này.

Tuy nhiên trong quá trình nghiên cứu đề tài, do kiến thức chuyên ngành của em còn hạn chế nên vẫn còn nhiều thiếu sót khi tìm hiểu, đánh giá và trình bày về đề tài. Em rất mong nhận được sự quan tâm góp ý từ thầy để đề tài của em được đầy đủ và hoàn chỉnh hơn

Em xin chân thành cảm ơn!

*TPHCM, ngày 14 tháng 08 năm 2023*

Sinh viên thực hiện

Nguyễn Phúc Nguyên

# NHẬN XÉT CỦA GIẢNG VIÊN ĐINH NGUYỄN THÚY NGUYỆT

# DANH MỤC TỪ VIẾT TẮT

|  |  |
| --- | --- |
| **Từ viết tắt** | **Ý nghĩa** |
| ISO | International Organization for Standardization |
| IEEE | Institute of Electrical and Electronics Engineers |
| ISTQB | International Software Testing Qualifications Board |

# DANH MỤC THUẬT NGỮ ANH – VIỆT

|  |  |
| --- | --- |
| Unit Testing | Kiểm thử từng đơn vị nhỏ nhất của mã nguồn, như hàm hoặc phương thức |
| Integration Testing | Kiểm tra xem các module hoạt động đúng khi tích hợp với nhau |
| System Testing | Kiểm tra hệ thống hoạt động như mong đợi và đáp ứng yêu cầu đề ra |
| Acceptance Testing | Kiểm tra tính phù hợp của hệ thống với các tiêu chuẩn chất lượng, được chấp nhận bởi người dung cuối cùng |

# DANH MỤC BẢNG

[Bảng 2.1. Features/modules will be available 14](#_Toc142860195)

[Bảng 2.2. Description of the modules 15](#_Toc142860196)

[Bảng 3.1. Bảng test case 1 27](#_Toc142860197)

[Bảng 3.2. Bảng test case 2 29](#_Toc142860198)

[Bảng 3.3. Bảng test case 3 32](#_Toc142860199)

[Bảng 3.4. Bảng test case 4 35](#_Toc142860200)

[Bảng 3.5. Bảng test case 5 37](#_Toc142860201)

[Bảng 3.6. Bảng test case 6 40](#_Toc142860202)

[Bảng 3.7. Bảng test case 7 45](#_Toc142860203)

[Bảng 3.8. Bảng test case 8 48](#_Toc142860204)

[Bảng 3.9. Bảng test case 9 51](#_Toc142860205)

[Bảng 3.10. Bảng test case 10 54](#_Toc142860206)

[Bảng 3.11. Bảng test case 11 56](#_Toc142860207)

[Bảng 3.12. Bảng test case 12 59](#_Toc142860208)

[Bảng 3.13. Bảng test case 13 63](#_Toc142860209)

[Bảng 3.14. Bảng test case 14 65](#_Toc142860210)

[Bảng 3.15. Bảng test case 15 68](#_Toc142860211)

[Bảng 3.16. Bảng test case 16 71](#_Toc142860212)

[Bảng 3.17. Bảng test case 17 73](#_Toc142860213)

[Bảng 3.18. Bảng test case 18 77](#_Toc142860214)

[Bảng 3.19. Bảng test case 19 83](#_Toc142860215)

[Bảng 3.20. Bảng test case 20 86](#_Toc142860216)

[Bảng 3.21. . Bảng test case 21 89](#_Toc142860217)

[Bảng 3.22. Bảng test case 22 94](#_Toc142860218)

[Bảng 3.23. Bảng test case 23 97](#_Toc142860219)

[Bảng 4.1. Bảng Bug 1 102](#_Toc142860220)

[Bảng 4.2. Bảng Bug 2 104](#_Toc142860221)

[Bảng 4.3. Bảng Bug 3 107](#_Toc142860222)

[Bảng 4.4. Bảng Bug 4 109](#_Toc142860223)

[Bảng 4.5. Bảng Bug 5 112](#_Toc142860224)

[Bảng 4.6. Bảng Bug 6 114](#_Toc142860225)

[Bảng 4.7. Bảng Bug 7 116](#_Toc142860226)

[Bảng 4.8. Bảng Bug 8 118](#_Toc142860227)

[Bảng 4.9. Bảng Bug 9 121](#_Toc142860228)

[Bảng 4.10. Bảng Bug 10 124](#_Toc142860229)

[Bảng 4.11. Bảng Bug 11 126](#_Toc142860230)

[Bảng 5.1. Thông tin Team của Build V2 156](#_Toc142860231)

[Bảng 5.2. Test Case List của Build V2 156](#_Toc142860232)

[Bảng 5.3. Bug Status của Build V2 156](#_Toc142860233)

[Bảng 5.4. Team Static của Build V2 157](#_Toc142860234)

[Bảng 5.5. Thông tin team của Build V3 158](#_Toc142860235)

[Bảng 5.6. Test Case List của Build V3 158](#_Toc142860236)

[Bảng 5.7. Bug Status của Build V3 158](#_Toc142860237)

[Bảng 5.8. Team Static của Build V3 159](#_Toc142860238)

# DANH MỤC HÌNH ẢNH

[Hình 1.1. Software Quality in ISO 9126 2](https://ufmedu-my.sharepoint.com/personal/2021001052_sv_ufm_edu_vn/Documents/Kiểm%20thử%20phần%20mềm/DOAN/PhucNguyen_MinhNguyet.docx#_Toc142918550)

[Hình 4.1. Bug 1 129](#_Toc142918551)

[Hình 4.2. Bug 2 130](#_Toc142918552)

[Hình 4.3. Bug 3 131](#_Toc142918553)

[Hình 4.4. Bug 4 132](#_Toc142918554)

[Hình 4.5. Bug 5 133](#_Toc142918555)

[Hình 4.6. Bug 6 134](#_Toc142918556)

[Hình 4.7. Bug 7 135](#_Toc142918557)

[Hình 4.8. Bug 8 136](#_Toc142918558)

[Hình 4.9. Bug 9 137](#_Toc142918559)

[Hình 4.10. Bug 10 138](#_Toc142918560)

[Hình 4.11. Bug 11 139](#_Toc142918561)

[Hình 4.12. Bug 12 140](#_Toc142918562)

[Hình 4.13. Bug 13 141](#_Toc142918563)

[Hình 4.14. Bug 14 142](#_Toc142918564)

[Hình 4.15. Bug 15 143](#_Toc142918565)

[Hình 4.16. Bug 16 144](#_Toc142918566)

[Hình 4.17. Bug 17 145](#_Toc142918567)

[Hình 4.18. Bug 18 146](#_Toc142918568)

[Hình 4.19. Bug 19 147](#_Toc142918569)

[Hình 4.20. Bug 20 148](#_Toc142918570)

[Hình 4.21. Bug 21 149](#_Toc142918571)

[Hình 4.22. Bug 22 150](#_Toc142918572)

[Hình 4.23. Bug 23 151](#_Toc142918573)

[Hình 4.24. Bug 25 151](#_Toc142918574)

[Hình 4.25. Bug 27 152](#_Toc142918575)

[Hình 4.26. Bug 28 152](#_Toc142918576)

[Hình 4.27. Bug 29 152](#_Toc142918577)

[Hình 4.28. Bug 30 153](#_Toc142918578)

[Hình 4.29. Bug 33 153](#_Toc142918579)

[Hình 4.30. Bug 24 153](#_Toc142918580)

[Hình 4.31. Bug 35 154](#_Toc142918581)

[Hình 4.32. Bug 34 154](#_Toc142918582)

[Hình 4.32. Bug 36 154](#_Toc142918583)

[Hình 4.33. Bug 31 154](#_Toc142918584)

[Hình 4.34. Bug 26 155](#_Toc142918585)

[Hình 4.35. Bug 26 156](#_Toc142918586)

[Hình 4.36. Bug 29 157](#_Toc142918587)

[Hình 4.37. Bug 30 158](#_Toc142918588)

[Hình 4.38. Bug 32 158](#_Toc142918589)

# MỤC LỤC

[LỜI CẢM ƠN I](#_Toc148795493)

[NHẬN XÉT CỦA GIẢNG VIÊN ĐINH NGUYỄN THÚY NGUYỆT II](#_Toc148795494)

[DANH MỤC TỪ VIẾT TẮT III](#_Toc148795495)

[DANH MỤC THUẬT NGỮ ANH – VIỆT IV](#_Toc148795496)

[DANH MỤC BẢNG V](#_Toc148795497)

[DANH MỤC HÌNH ẢNH VII](#_Toc148795498)

[MỤC LỤC IX](#_Toc148795499)

[CHƯƠNG 1. TỔNG QUAN 1](#_Toc148795500)

[1.1. Khái niệm, vai trò/lợi ích của kiểm thử phần mềm 1](#_Toc148795501)

[1.1.1. Khái niệm về phần mềm và chất lượng phần mềm 1](#_Toc148795502)

[1.1.2. Khái niệm về lỗi phần mềm 3](#_Toc148795503)

[1.1.3. Khái niệm về kiểm thử phần mềm 5](#_Toc148795504)

[1.1.4. Benefits of software testing: 6](#_Toc148795505)

[1.2. Các nguyên tắc kiểm thử phần mềm 6](#_Toc148795506)

[1.3. Các mức độ kiểm thử phần mềm 7](#_Toc148795507)

[1.4. Một số loại kiểm thử phần mềm 9](#_Toc148795508)

[1.4.1. Functional testing 9](#_Toc148795509)

[1.4.2. Non-functional testing 9](#_Toc148795510)

[1.4.3. Smoke Testing 9](#_Toc148795511)

[1.4.4. Regression Testing 9](#_Toc148795512)

[1.4.5. Perfomance Testing 10](#_Toc148795513)

[1.4.6. Load Testing 10](#_Toc148795514)

[1.4.7. Stress Testing 10](#_Toc148795515)

[1.4.8. Usability Testing 10](#_Toc148795516)

[1.4.9. Security Testing 11](#_Toc148795517)

[1.4.10. Installation Testing 11](#_Toc148795518)

[1.4.11. Migration Testing 11](#_Toc148795519)

[1.4.12. Ad-hoc Testing 11](#_Toc148795520)

[1.4.13. Exploratory Testing 12](#_Toc148795521)

[CHƯƠNG 2. GIỚI THIỆU ỨNG DỤNG KIỂM THỬ 13](#_Toc148795522)

[2.1. Tổng quan về ứng dụng 13](#_Toc148795523)

[2.2. Đặc tả yêu cầu nghiệp vụ 13](#_Toc148795524)

[CHƯƠNG 3. DANH SÁCH TEST CASE 27](#_Toc148795525)

[3.1. Build V2 27](#_Toc148795526)

[3.2. Build V3 64](#_Toc148795527)

[CHƯƠNG 4. DANH SÁCH BUG 103](#_Toc148795528)

[4.1. Build V2 103](#_Toc148795529)

[4.2. Build V3 117](#_Toc148795530)

[4.3. Cap màn hình bug 129](#_Toc148795531)

[CHƯƠNG 5. KẾT LUẬN 160](#_Toc148795532)

[5.1. Build V2 160](#_Toc148795533)

[5.2. Build V3 162](#_Toc148795534)

[TÀI LIỆU THAM KHẢO 164](#_Toc148795535)

[PHỤ LỤC 165](#_Toc148795536)

# TỔNG QUAN

## Khái niệm, vai trò/lợi ích của kiểm thử phần mềm

### Khái niệm về phần mềm và chất lượng phần mềm

* **Phần mềm:**

As defined by ISO, software consists of four fundamental parts:

* **Computer Program (Code):** is a set of commands and directives written in a particular programming language sush as: C, Java, Python, etc. This is the most important part of the software, containing instructions and instructions for the computer to perform specific tasks. The computer program decides how the software will work, including processing data and interacting with users.
* **Procedures**: Procedures are subroutines or functions written to perform a specific task. They are often used to reuse code and reduce repetition in source code. Procedures help break down a program into small pieces that are easy to manage and understand. Procedure management also makes it easier to test, fix bugs, and improve software stability.
* **Documentation**: Software-related documentation includes instructions, technical documentation, user manuals, design documents, implementation guides, and any other information necessary for the user or developer to understand. on how to install, configure and use the software effectively. Documentation helps increase availability and support for the software and helps reduce the time and effort required to understand and use the software.
* **Data**: Software often needs data to perform specific tasks. This could be user input, data from external sources, or data that the software itself generates and processes. The data required to operate the software includes both test data and actual data. Ensuring that the software has accurate and complete data is important to ensure the reliability and performance of the software.
* **Chất lượng phần mềm:**

**According to IEEE**:

* Software quality is the degree to which a system, component, system or process meets specified requirements.
* Software quality is the degree to which a system, component, system or process meets the requirements and expectations of customers or users.

**According to ISO 9126**:

ISO/IEC 9126 is a standard that defines software product quality characteristics and their sub-characteristics. These quality characteristics help assess and evaluate the overall quality of a software product.

**A diagram of software quality

Description automatically generated**ISO/IEC 9126 defines six primary software quality characteristics, which are further divided into sub-characteristics:

Hình .. Software Quality in ISO 9126

Software quality is not only about the software's ability to meet user requirements but also includes the ability to maintain, extend, and reuse the software. Different characteristics of software quality include performance, reliability, security, availability, compatibility, and usability.

### Khái niệm về lỗi phần mềm

Software Error is a mismatch between a program and its specification, they can lead to unexpected behaviors, crashes, incorrect calculations, security vulnerabilities, or other undesirable outcomes in the software.

* **The causes of software errors:**
* Due to the wrong definition of the customer's request: When customer requirements are not well understood or are not properly documented, it can lead to misunderstandings about the features to be developed. This can lead to building software that doesn't meet customer expectations.
* There is no exact information: When the information is incorrect or incomplete about the input data, it can lead to errors in the software. This usually occurs when data from an external source is not thoroughly tested or when the data is not normalized before use.
* Misunderstanding: Misunderstandings or mistakes in the design, coding or testing process can lead to unexpected software performance. This may include misuse of logic, unclear design, or failure to understand requirements correctly.
* Due to carelessness, fatigue, time pressure: When developers or workgroups have to work under stressful conditions, lack of time, or are under pressure from the client to complete the project, it can lead to omission or lack of thorough testing. Fatigue and stress can lead to errors in coding or testing.
* Due to lack of experience: People new to software development often have difficulty understanding and applying programming, design, or testing principles. Inexperience can lead to bad decision making or suboptimal code writing.
* Due to environmental conditions: The environmental conditions in which the software is deployed and operated can affect the stability and performance of the software. Environmental causes include:
* Operating systems and versions: A piece of software may work differently on different operating systems or on different versions of the operating system.
* Hardware and configuration: Differences in hardware (CPU, RAM, hard drive, ...) and computer configuration can cause the software to work improperly on different computers.
* Network connection: The software may depend on the network connection and may experience problems when the connection is unstable or there is no connection.
* Real-time environment: Real-time software needs to meet timing requirements and often must work in a strict real-time environment.
* Due to errors in software usage: Users may cause errors when using the software incorrectly or not following the instructions. Reasons for using the software include:
* Improper use: The user may not understand how to use the software or use it incorrectly, resulting in the failure to achieve the desired results or causing errors.
* Non-compliance with instructions: If the user does not follow the usage instructions provided by the developer, this may cause an error or unexpected situation.
* Improper interaction: When software interacts with other applications or peripheral hardware, incompatibility or improperness can cause errors.
* **Impact of software errors:**
* Waste of time, money: When a software error occurs, it can lead to software shutdown or cause unexpected behavior. This can increase the time and money needed to fix bugs, especially when it comes to finding, identifying, and fixing complex bugs.
* Damage to Company Reputation: Software bugs can seriously damage a company's reputation. If the software provided by the company does not meet the expected quality or causes dissatisfaction among users, this can lead to customer loss, customer distrust and bad reputation. of the company.
* May cause injury or death: In some severe cases, software bugs can cause dangerous situations for the user or the environment. For example, software errors in medical systems or control devices can result in injury or death.
* Loss of business opportunity: If the software doesn't work as expected or can't deliver a critical feature, the company could lose business opportunities, be overtaken by competitors, or be unable to reach new markets.
* Instability and inconvenience for users: Software bugs can cause instability and inconvenience to users. Small errors like sudden application closing, interface not working properly, or feature not being available can make users feel unhappy and uncomfortable while using the software.

### Khái niệm về kiểm thử phần mềm

Software testing is the activity of evaluating software and its components to ensure that the software meets the expected requirements.

According to ISTQB (International Software Testing Qualifications Board), software testing is the process that includes all activities from planning, preparation, system evaluation and other related work to determine the satisfactory system. request.

* **Objectives of software testing:**
* Find out the defects (defects) and failures (failure) of the product, thereby reducing the risk level of software quality.
* Verify all requirements have been met.
* Check if the product is complete and validate if it is the product works as expected by the end user.
* Build confidence in product quality level.
* Provide sufficient information to stakeholders to help them make decisions determination, especially regarding the quality level of the software.
* To comply with contractual, legal or regulatory requirements and verify product compliance with those requirements/standards.

### Benefits of software testing:

* Reduce product risk, increase software quality: Software testing helps identify defects and issues in the early stages of development. By finding and fixing these problems before the software is deployed, you can reduce the risk of critical issues arising later. This, in turn, leads to improved software quality and reliability.
* Increase customer satisfaction: Thorough testing ensures that the software functions as intended and meets user expectations. By delivering a product with fewer bugs and more reliable performance, you enhance customer satisfaction and loyalty. Users are more likely to continue using and recommending software that works well.
* Increased security: Security testing is a crucial component of software testing. Identifying vulnerabilities and weaknesses in the software's security measures allows you to address these concerns before the software is released to users. This helps in preventing security breaches and data leaks, thereby safeguarding both user data and the reputation of the software.
* Save time and money: While testing requires an investment of time and resources upfront, it ultimately saves time and money in the long run. Detecting and fixing issues early in the development process is generally more cost-effective than addressing them after the software has been deployed. Additionally, fixing issues early prevents the need for costly emergency fixes, updates, or even complete rework.

## Các nguyên tắc kiểm thử phần mềm

There are 7 principles of software testing:

* Testing shows presence of defects: This principle emphasizes that the main goal of testing is to find the existence of bugs in the software, not to prove that no bugs exist. A good testing process will focus on finding the weak points and holes in the software so that they can be fixed before the product launches.
* Exhaustive testing is not possible: This principle states that testing all the cases and situations in the software is impractical and not feasible. Since the number of test scenarios can be very large, testing the whole thing will take too much time and resources. Instead, testers should select critical and potentially buggy cases to focus testing on.
* Early testing: This principle recommends testing at an early stage of software development. Early testing helps detect and fix bugs as soon as they appear, helping to reduce costs and repair time.
* Defect clustering: This principle indicates that defects are often concentrated in some specific areas of the software. This means that testing should focus on areas where there is a high probability of errors occurring.
* Pesticide paradox: This principle compares the testing process with the use of pesticides. If you continue to use the same testing method, specific errors may be detected in the first test, but after a while these testing methods may no longer be effective. To avoid this situation, testers need to regularly update and adjust the test method.
* Testing is context dependent: This principle states that the testing process should be adjusted and customized based on the context of the software and the deployment environment. The testing requirements may vary depending on the environment and specific features of the software.
* Absence of errors fallacy: This principle warns that not finding bugs during testing does not mean the software is bug free. Bugs may exist but not be detected during testing or may appear after the software has been deployed.

## Các mức độ kiểm thử phần mềm

* **Unit Testing:**
* Unit testing is the smallest testing activity. Test is done and performed on individual functions or components to verify that each component of the software performs as designed.
* Testers will have to have knowledge of the program, and its functions.
* Unit testing done by programmer.
* **Integration Testing:**
* Integration testing is testing whether combining individual modules together causes errors.
* Integration testing aims to detect communication errors between unit, integrating individual components into small systems, and finally a complete system to get ready for system testing.
* Some integration testing approaches:
* Bottom-up
* Top-down
* Big Bang
* **System Testing:**
* System testing is testing a fully integrated system adjusted to ensure that the system meets its specification and purpose.
* System testing performs functional and non-functional testing of the system.
* **Acceptance Testing:**
* Software is tested by users to make sure it is suitable and match their expectations. Product received approval from customers and end users.
* There are two types of acceptance testing which are Alpha testing and Beta testing:
* Alpha testing: is a type of internal testing. The software is tested at the software manufacturer to identify all possible problems/defects before releasing the product to the users.
* Beta testing: performed after Alpha testing. Customer made test in their own environment. The company collects feedback from the end user in this release and sends it back to the developer to repair.

## Một số loại kiểm thử phần mềm

### Functional testing

* A type of testing to ensure that the system's behavior meets the functional specification requirements. It is used to verify that the software is generating output as expected by the end user.
* Functional testing focuses on the functionality of the software. Functions are tested by entering input values and checking the output, with little regard to the internal structure of the application.

### Non-functional testing

* A type of testing that focuses on non-attributes or characteristics software system functionality such as performance, usability, security, load management, scalability, compatibility …
* Non-functional testing focuses on how well the system works how and how it works under certain conditions

### Smoke Testing

* A type of testing that includes an incomplete test suite, focusing on key functions to ensure that the most important functions of the application work properly.
* The results of this test are used to decide if a build is stable enough to conduct other tests.

### Regression Testing

* It is the process of re-checking the software after a change occurs such as fixing bugs, adding features, improving, updating versions, etc. to ensure that the changes do not affect the stability and sustainability of the software. previous software

### Perfomance Testing

* Is a test used to determine how efficiently and quickly a system works under specific workloads.
* Test your app's speed, response time, stability, scalability, and resource usage.
* The main purpose of this testing is to identify and remove the performance bottlenecks of the application.

### Load Testing

* Is a test performed to determine the behavior of the system in normal load conditions and higher than expected load conditions such as many users accessing at the same time, having many transactions at the same time, handling very large files, processing many files at the same time...
* Helps determine maximum software performance, maximum number of users that can log in at the same time, sustainability at peak times.

### Stress Testing

* It is a type of test that checks the system in operating state under abnormal conditions such as lack of memory, network connection is disconnected during operation, database connection is disconnected during operation, etc.
* This type of check is to ensure that when operating in abnormal conditions or at dead points, the system is still running stably, without crashing...

### Usability Testing

* Is the evaluation of the usability of a product from a user-centered point of view to confirm whether the product is flexible, easy to use, or user-friendly.
* Usability testing examines aspects of the product such as: presentation content, fonts, colors, sequence of operations, link errors.…

### Security Testing

* Is a type of software testing to ensure the integrity and security of data and systems, against unforeseen actions, causing the application to stop working or be exploited.
* The goal of security testing is to discover vulnerabilities, weaknesses, and threats in the system that lead to intrusions, leaks of organizational information, and loss of security.

### Installation Testing

* Installation testing revolves around the problems of installing and uninstalling applications on different environments.
* Test the installation steps based on the installation manual install, prove that the installation manual is correct and standard for delivery to the customer.
* Installation testing is performed to verify if the software is installed with all required components and the application is working as expected.

### Migration Testing

* A test was performed to ensure that the system is still working properly, without problems after the software has been migrated from the old infrastructure to the new infrastructure.
* Verify migration without any disruption, minimal downtime, no data loss, data integrity is guaranteed.
* The specific functional and non-functional aspects of the application are met after the migration…

### Ad-hoc Testing

* Is a testing technique that does not follow the usual way, does not follow the plan and documentation.
* Randomly execute, judge at your own discretion based on the experience, opinion and way of thinking of the tester.

### Exploratory Testing

* It is an approach where the design and testing process is done concurrently
* Test cases are not created initially but are generated and adjusted during execution.

# GIỚI THIỆU ỨNG DỤNG KIỂM THỬ

## Tổng quan về ứng dụng

The Guru99 Bank project aims to provide net banking facilities to its customers.

This release will have limited features. Over a period of time, new and new functionalities will be added to the site.

* **Purpose**:

The Purpose of this document is to outline the requirements for the Guru99 Banking website to be developed for Guru99 Tech. Pvt. Ltd. This document will be used by all stakeholders including developers and testers.

* **Scope**:

The scope of this project is limited to the testing of the features described in the succeeding sections of this document.

Non-functional testing like stress,performance is beyond scope of this project.

Automation testing is beyond scope.

Functional testing & external interfaces are in scope and need to be tested

The banking site will be only compatible with Chrome version 27 and above

* **Definitions, Acronyms, and Abbreviations**:

|  |  |
| --- | --- |
| **Abbreviation Word** | **Abbreviation Word** |
| M | Manager |
| C | Customer |

## Đặc tả yêu cầu nghiệp vụ

The Guru99 Bank will have 2 roles

1. Manager

2. Customer

Following features/modules will be available to these 2 different roles

Bảng .. Features/modules will be available

|  |  |
| --- | --- |
| **Manager** | **Custome** |
| New Customer | Balance enquiry |
| Edit Customer | Fund Transfer |
| Delete Customer | Mini Statement |
| New Account | Customized Statement |
| Edit Account | Change Password |
| Delete Account | Login & Logout |
| Deposit |  |
| Withdrawal |  |
| Fund Transfer |  |
| Change Password |  |
| Balance Enquiry |  |
| Mini Statement |  |
| Customized Statemen |  |
| Login & Logout |  |

Description of the modules

Bảng .. Description of the modules

|  |  |  |
| --- | --- | --- |
| **Module Name** | **Applicable Roles** | **Description** |
| Balance Enquiry | Manager Customer | **Customer**: A customer can have multiple bank accounts. He can view balance of his accounts only  **Manager**: A manager can view balance of all the customers who come under his supervision |
| Fund Transfer | Manager Customer | **Customer**: A customer can have transfer funds from his “own” account to any destination account.  **Manager**: A manager can transfer funds from any source bank account to destination account |
| Mini Statement | Manager Customer | A Mini statement will show last 5 transactions of an account  **Customer**: A customer can see mini-statement of only his “own” accounts  **Manager**: A manager can see mini-statement of any account |
| Customized Statement | Manager Customer | A customized statement allows you to filter and display transactions in an account based on date, transaction value  **Customer**: A customer can see Customized- statement of only his “own” accounts  **Manager**: A manager can see Customized -statement of any account |
| Change Password | Manager Customer | **Customer**: A customer can change password of only his account.  **Manager**: A manager can change password of only his account. He cannot change passwords of his customers |
| New Customer | Manager | **Manager**: A manager can add a new customer. |
|  | Manager | **Manager**: A manager can edit details like address, email , telephone of a customer |
| New Account | Manager | Currently system provides 2 types of accounts   * Saving * Current   A customer can have multiple saving accounts (one in his name , other in a joint name etc).  He can have multiple current accounts for different companies he owns.  Or he can have a multiple current and saving accounts.  **Manager**: A manager can add a new account for an existing customer. |
| Edit Account | Manager | **Manager**: A manager can add a edit account details for an existing account |
| Delete Account | Manager | **Manager**: A manager can add a delete an account for a customer. |
| Delete Customer | Manager | A customer can be deleted only if he/she has no active current or saving accounts  **Manager**: A manager can delete a customer. |
| Deposit | Manager | **Manager**: A manager can deposit money into any account. Usually done when cash is deposited at a bank branch. |
| Withdrawal | Manager | **Manager**: A manager can withdraw money from any account. Usually done when cash is withdrawn at a bank branch. |

**New Account**

T1 Customer Id - Customer ID is required

T2 Customer Id - Special character are not allowed

T3 Customer Id - Characters are not allowed

T3.1 Customer Id - First character cannot have space

**New Customer**

T4 Customer Name – Numbers are not allowed

T5 Customer Name – Special characters are not allowed

T6 Customer Name - Customer name must not be blank

T7 Customer Name - First character cannot have space

T8 Address - Address Field must not be blank

T9 Address - First character can not have space

T10 Address - Special characters are not allowed

T11 City - Special character are not allowed

T12 City - City Field must not be blank

T13 City – Numbers are not allowed

T14 City - First character can not have space

T15 State – Numbers are not allowed

T16 State - State must not be blank

T17 State – Special characters are not allowed

T17.1 State – First character cannot have space

T18 Pin - Characters are not allowed

T19 Pin - PIN Code must not be blank

T20 Pin – Special characters are not allowed

T21 Pin – PIN Code must have 6 Digits

T22 Pin - First character can not have space

T23 Telephone Number – Mobile no must not be blank

T24 Telephone Number – Special character are not allowed

T25 Telephone Number – Character are not allowed

T26 Telephone Number - First character can not have space

T27 Email : Email ID must not be blank

T28 Email : Email ID is not valid

T29 Email : First character can not have space

**Balance Enquiry**

T30 Account No must not be blank

T31 Special character are not allowed

T32 Characters are not allowed

**Customized Statement Form**

T33 Account No - Account Number must not be blank

T34 Account No - Characters are not allowed

T35 Account No - Special characters are not allowed

T36 Amount Lower Limit – Special character are not allowed

T37 Amount Lower Limit – Amount Lower Limit is required

T38 Amount Lower Limit – Characters are not allowed

T39 Number of Transaction – Special character are not allowed

T40 Number of Transaction - Number of Transaction must not be blank

T41 Number of Transaction – Character are not allowed

**Delete Account Form**

T42 Account No must not be blank

T43 Special character are not allowed

T44 Characters are not allowed

**Delete Customer**

T45 Customer Id - Customer ID is required

T46 Customer Id - Special character are not allowed

T47 Customer Id - Characters are not allowed

T47.1 Customer Id - First character cannot have space

**Deposit**

T48 Account No must not be blank

T49 Special character are not allowed

T50 Characters are not allowed

T51 Amount field must not be blank

T52 Special characters are not allowed

T53 Characters are not allowed

T54 Description must not be blank

**Edit Account**

T55 Account No must not be blank

T56 Special character are not allowed

T57 Characters are not allowed

**Edit Customer form**

T58 Customer Id - Customer ID is required

T59 Customer Id - Special character are not allowed

T60 Customer Id - Characters are not allowed

T60.1 Customer Id - First character can not have space

**Edit Customer**

T61 Address - Address Field must not be blank

T62 Address - First character can not have space

T63 Address - Special characters are not allowed

T64 City - Special character are not allowed

T65 City - City Field must not be blank

T66 City – Numbers are not allowed

T67 City - First character can not have space

T68 State – Numbers are not allowed

T69 State - State must not be blank

T70 State – Special characters are not allowed

T70.1 State – First character cannot have space

T71 Pin - Characters are not allowed

T71 Pin - PIN Code must not be blank

T72 Pin – Special characters are not allowed

T73 Pin – PIN Code must have 6 Digits

T74 Pin - First character cannot have space

T75 Telephone Number – Mobile no must not be blank

T76 Telephone Number – Special character are not allowed

T77 Telephone Number – Character are not allowed

T78 Telephone Number - First character cannot have space

T79 Email : Email ID must not be blank

T80 Email : Email ID is not valid

T81 Email : First character cannot have space

**Fund Transfer**

T82 Payers Account Number must not be blank

T83 Special characters are not allowed

T84 Characters are not allowed

T85 Payees Account Number must not be blank

T86 Special characters are not allowed

T87 Characters are not allowed

T88 Amount Field must not be blank

T89 Characters are not allowed

T90 Special characters are not allowed

T91 Description cannot be blank

**Login**

T92 User-ID must not be blank

T93 Password must not be blank

**Mini Statement Page**

T94 Account No must not be blank

T95 Special character are not allowed

T96 Characters are not allowed

**Change Password**

T97 Old Password must not be blank

T98 New Password must not be blank

T99 Enter at-least one numeric value

T100 Enter at-least one special character

T101 Choose a difficult Password

T102 Confirm Password must not be blank

T103 Passwords do not Match

**Withdraw**

T104 Account No must not be blank

T105 Special character are not allowed

T106 Characters are not allowed

T107 Amount Field must not be blank

T108 Characters are not allowed

T109 Special characters are not allowed

T110 Description cannot be blank

* **Functional validations**

**Balance Enquiry**

* Manager

F1 Manager can view balance of accounts associate with him

F2 Account number entered should exist in database

* Customer

F3 Customer can view balance of only his accounts

F4 Account number entered should exist in database

**Fund Transfer**

* Manager

F5 If these source and destination account numbers are invalid, system displays an error

F6 If these source and destination account numbers are same, system displays an error

F7 If the source account does not have the necessary balance, system displays an error

F8 If the source account does not associated with manager, System displays an error

* Customer

F9 If the destination account number is not valid, system displays an error

F10 If these source and destination account numbers are same, system displays an error

F11 If the source account does not have the necessary balance, system displays an error

F12 If the source account is not associate with customer itself, System displays an error.

**Withdrawal**

* Manager

F13 If source account number is invalid, system displays an error

F14 If source account does not have the necessary balance, system displays an error

F15 If source account does not associate with manager, System displays an error.

* Customer

F16 If source account number is invalid, system displays an error

F17 If source account does not have the necessary balance, system displays an error

F18 If source account does not associate with customer, System displays an error.

**Deposit**

* Manager

F19 If destination account number is invalid, system displays an error

F20 If destination account number does not associate with manager, System displays an error.

* Customer

F21 If destination account number is invalid, system displays an error

F22 If destination account number does not associate with customer, System displays an error.

**Delete Customer**

* Manager

F23 If Customer Id is invalid, system displays an error.

F24 If account associate with Customer Id, System displays an error.

F25 If Customer Id does not associate with manager, System displays an error.

**Delete Account**

* Manager

F26 If Account Number is invalid, system displays an error

F27 If account does not associate with manager logged in, System displays an error.

**Edit Account**

* Manager

F28 If Account Number is invalid, system displays an error.

F29 If Account number does not associate with manager, System displays an error.

**New Account**

* Manager

F30 If Customer ID is invalid, system displays an error.

F31 If initial deposit is less than 500, System displays an error.

F32 If Customer Id does not associate with manager, System displays an error.

**New Customer**

* Manager

F33 If same Email Id exist in the system, system shows an error.

**Edit Customer**

* Manager

F34 If same Email Id exist in the system, system shows an error.

F35 If Customer Id is invalid, System displays an error.

F36 If Customer Id does not associate with Manager, System displays an error.

**Change Password**

* Manager

F37 If Old Password is invalid, System shows an error.

* Customer

F38 If Old Password is invalid, System displays an error

**Customized Statement**

* Manager

F39 If account no is invalid, System displays an error

F40 If From Date is greater than To Date, System dispalys an error.

* Customer

F41 If account no is invalid, System displays an error

F42 If From Date is greater than To Date, System dispalys an error.

**Mini Statement**

* Manager

F43 If account no is invalid, System displays an error

F44 If transaction not exist in system, System displays an error.

F45 If account not associate with manager itself, System displays an error.

* Customer

F46 If account no is invalid, System displays an error.

F47 If account associate with customer itself, System displays an error.

**Balance Enquiry**

* Manager

F48 If account no is invalid, System displays an error

* Customer

F49 If account no is invalid, System displays an error

# DANH SÁCH TEST CASE

## Build V2

Bảng .. Bảng test case 1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **NEW ACCOUNT** | | | | | | |
| **TC ID** | **T1** | **T2** | **T3** | **T3.1** | **T3.2** | **T3.3** | **T3.4** |
| **TC Description** | Verify that user can not add new account with blank Customer Id | Verify that user can not add new account with special character in Customer Id field | Verify that user can not add new account with character in Customer Id field | Verify that user can not add new account with fisrt character is space in Customer Id field | Verify that user can not add new account with fisrt character is space in Initial deposit field | Verify that user can not add new account with character in Initial deposit field | Verify that user can not add new account with blank Initial deposit |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID |
| **Steps** | 1. Open the demo.guru99.com/v3  application and Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Blank the Customer id field 5. Choose Account type in combobox 6. Entered valid value into the Initial deposit 7. Click Submit | 1. Open the demo.guru99.com/v3  application and Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account  4. Enter special charater in the Customer Id field  5. Choose Account type in combobox  6. Entered valid value into the Initial deposit  7. Click Submit | 1. Open the application and Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Enter charaters in the Customer Id field 5. Choose Account type in combobox 6. Entered valid value into the Initial deposit 7. Click Submit | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Enter value contains a space at first character into Customer Id field  5. Choose Account type in combobox 6. Enter valid value into the Initial deposit 7. Click Submit | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Enter value contains a space at first character into Initial deposit field  5. Choose Account type in combobox 6. Enter valid value into the Customer ID 7. Click Submit | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Enter charaters in the Initial deposit field 5. Choose Account type in combobox 6. Entered valid value into the Customer ID 7. Click Submit | 1 Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Blank the Initial deposit field 5. Choose Account type in combobox 6. Entered valid value into the Customer ID 7. Click Submit |
| **Test Data** | Customer ID:  Account type: Savings Initial deposit: 1000000 | Customer ID: /\*-+ Account type: Savings Initial deposit: 1000000 | Customer ID: abcde Account type: Savings Initial deposit: 1000000 | Customer ID: " 11942" Account type: Savings Initial deposit: 1000000 | Customer ID: 11942 Account type: Savings Initial deposit: " 1000000" | Customer ID: 11942 Account type: Savings Initial deposit: abcde | Customer ID: 11942 Account type: Savings Initial deposit: |
| **Expected Result** | Display a message: "Customer ID is required" | Display a message: "Special characters are not allowed" | Display a message: "Characters are not allowed" | Display a message: "First character can not have space" | Display a message: "First character can not have space" | Display a message: "Characters are not allowed" | Display a message: "Initial Deposit must not be blank" |
| **Status** | Open | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  |  |  |  |  |

Bảng .. Bảng test case 2

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **NEW CUSTOMER** | | | | | |
| **TC ID** | **T3.5** | **T4** | **T5** | **T6** | **T7** | **T8** | **T9** |
| **TC Description** | Verify that user can not add new account with special character in Initial deposit field | Verify that user cannot create new customers when user enter value contains number in the Costumer Name field | Verify that user cannot create new customers when user enter value contains special character in the Customer Name field | Verify that user cannot create new customers when user blank the Costumer Name field | Verify that user cannot create new customers when user enter value contains space at first character in the Customer Name field | Verify that user cannot create new customers when user blank the Address field | Verify that user cannot create new customers when user enter value contains space at first character in the Address field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account |
| **Steps** | 1 Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Enter special charater in the Initial deposit field 5. Choose Account type in combobox 6. Entered valid value into the Customer ID 7. Click Submit | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains number in the Costumer field 5. Enter valid information other fields 6. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter special charater in the Customer Name field 5. Enter valid information other fields 6. Click "Submit" | 1. Open the demo.guru99.com/v2 application and Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the Customer Name field 5. Enter valid information other fields  6. Click "Submit" | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains a space at first character into Customer Name field  5. Enter valid information other fields 6. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the Address field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains a space at first character into Address field  5. Enter valid information other fields  6. Click "Submit" |
| **Test Data** | Customer ID: 11942 Account type: Savings Initial deposit: !@#$% | customer name: 12345 gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name: %$#yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name:  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name: " yaya"  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address:  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: " Thao Dien"  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com |
| **Expected Result** | Display a message: "Special characters are not allowed" | Display a message "Numbers are not allowed" | Display a message "Special characters are not allowed" | Display a message: "Customers name must not be blank" | Display a message: "First character cannot have space" | Display a message: "Address must not be blank" | Display dialog box a mesage: "First character can not have space" |
| **Status** | Open | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 09/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  |  |  |  |  |

Bảng .. Bảng test case 3

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **NEW CUSTOMER** | | | | | | | |
| **TC ID** | **T10** | **T11** | **T12** | **T13** | **T14** | **T15** | **T16** |
| **TC Description** | Verify that user cannot create new customers when user enter value contains special character in the Address field | Verify that user cannot create new customers when user enter value contains special character in the City field | Verify that user cannot create new customers when user blank the City field | Verify that user cannot create new customers when user enter value contains number in the City field | Verify that user cannot create new customers when user enter value contains space at first character in the City field | Verify that user cannot create new customers when user enter value contains number in the State field | Verify that user cannot create new customers when user blank the State field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account |
| **Steps** | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter special charater in the Address field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter special charater in the City field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the City field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter number value in the City field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains a space at first character into City field  5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter number value in the State field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the State field 5. Enter valid information other fields  6. Click "Submit" |
| **Test Data** | customer name: yaya  gender: male  date of birth: 23/3/2002  address: @#Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: %^% STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name: yaya gender: male date of birth: 23/3/2002 address: Thao Dien city:  STATE: VIET NAM PIN: 123456 MOBILE NUMBER: 0876539167 EMAIL: topbot123@gmail.com | customer name: yaya gender: male date of birth: 23/3/2002 address: Thao Dien city: 12TpHCM STATE: VIET NAM PIN: 123456 MOBILE NUMBER: 0876539167 EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: " TpHCM"  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: 11VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE:  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com |
| **Expected Result** | Display a message "Special characters are not allowed" | Display a message "Special characters are not allowed" | Display a message: "City must not be blank" | Display a message: "Numbers are not allowed" beside City field | Display a message: "First character can not have space" beside City field | Display a message: "Numbers are not allowed" | Display a message: "State must not be blank" beside State field |
| **Status** | Open | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  |  |  |  |  |

Bảng .. Bảng test case 4

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **NEW CUSTOMER** | | | | | | | |
| **TC ID** | **T17** | **T17.1** | **T18** | **T19** | **T20** | **T21** | **T22** |
| **TC Description** | Verify that user cannot create new customers when user enter value contains special character in the State field | Verify that user cannot create new customers when user enter value contains space at first character in the State field | Verify that user cannot create new customers when user enter value contains characters in the PIN field | Verify that user cannot create new customers when user blank the PIN field | Verify that user cannot create new customers when user enter value contains special character in the PIN field | Verify that user cannot create new customers when user enter value not equal 6 Digits in the Pin field | Verify that user cannot create new customers when user enter value contains space at first character in the PIN field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account |
| **Steps** | 1 Open the demo.guru99.com/v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter special charaters in the State field 5. Enter valid information other fields 6. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains a space at first character into State field 5. Enter valid information other fields  6. Click "Submit" | 1 Open the demo.guru99.com/ v2application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter characters value in the Pin field 5. Enter valid information other fields 6. Click "Submit" | 1d Open the demo.guru99.com/ v2application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the Pin field 5. Enter valid information other fields  6. Click "Submit" | 1 Open the demo.guru99.com/ v2application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter special charaters in the Pin field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v2application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Entered valid value in the Pin field with 6 digits 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v2application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains a space at first character into Pin field  5. Enter valid information other fields  6. Click "Submit" |
| **Test Data** | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: !@#$%VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: " VIET NAM"  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: abcdg MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN:  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: $%&\*!!  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 12345  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: " 23456"  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com |
| **Expected Result** | Display a message: "Special characters are not allowed" | Display a message: "First character can not have space" | Display a message: "Characters are not allowed" | Display a message: "PIN Code must not be blank" | Display a message: "Special characters are not allowed" | Display a message: "PIN Code must have 6 Digits" | Display a message: "First character can not have space" |
| **Status** | Open | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  |  |  |  |  |

Bảng .. Bảng test case 5

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **NEW CUSTOMER** | | | | | | | |
| **TC ID** | **T23** | **T24** | **T25** | **T26** | **T27** | **T28** | **T29** |
| **TC Description** | Verify that user cannot create new customers when user blank the Mobile Number field | Verify that user cannot create new customers when user enter value contains special character in the mobile phone field | Verify that user cannot create new customers when user enter value contains characters in the Mobile Number field | Verify that user cannot create new customers when user enter value contains space at first character in the Mobile Number field | Verify that user cannot create new customers when user blank the Email ID field | Verify that user cannot create new customers when user enter invalid value in the Email ID field | Verify that user cannot create new customers when user enter value contains space at first character in the Email ID field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account |
| **Steps** | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the Mobile Number field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter special character into Mobile number field 5. Enter valid information other fields  6. Click "Submit" | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter characters value in the Mobile Number field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains a space at first character into Mobile Number field  5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the Email ID field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Entered invalid value in the Email ID field 5. Enter valid information other fields  6. Click "Submit" | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains a space at first character into Email field  5. Enter valid information other fields 6. Click "Submit" |
| **Test Data** | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER:  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: !@#$%0876539167  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: sgrdgr0876539167  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: " 0876539167"  EMAIL: topbot123@gmail.com | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: ##$$% | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: " topbot123@gmail.com" |
| **Expected Result** | Display a message: "Mobile no must not be blank" | Display a message: "Special characters are not allowed" | Display a message: "Characters are not allowed" | Display a message: "First character can not have space" | Display a message: "Email-ID must not be blank" | Display a message: "Email-ID is not valid" | Display a message: "First character can not have space" |
| **Status** | Open | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  |  |  |  |  |

Bảng .. Bảng test case 6

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | **DELETE CUSTOMER** | | | | | |
| **TC ID** | **T42** | **T43** | **T44** | **T45** | | **T46** | **T47** | **T47.1** |
| **TC Description** | verify that the account form cannot be deleted when the account number is blank | verify that the account form cannot be deleted when entering special characters | verify that the account form cannot be deleted when entering characters | Verify that Customer ID is required when user enter in the Customer Id field | | Verify that user cannot delete customer when user enter value contains special characters into Customer ID field | Verify that user cannot delete customer when user enter value contains characters into Customer ID field | Verify that user can delete customer when user enter value contains space at firstccharacters into Customer ID field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID |
| **Steps** | 1. Click Delete Account  2. Leave the Account Number box blank  3. Click the "Submit" button | 1. Click Delete Account  2. Enter special characters in Account No  3. Click the "Submit" button | 1. Click Delete Account  2. Enter characters in Account No  3. Click the "Submit" button | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Don't enter Customer ID in Customer ID field  5. Click button Submit | | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Enter value contains special characters into Customer ID field 5. Click button Submit | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Enter value contains characters r into Customer ID field 5. Click button Submit | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Enter value contains space at first character into Customer ID field 5. Click button Submit |
| **Test Data** | Account No: | Account No: /\*-+ | Acccount No: abcde | Customer ID: | | Customer ID: 1234$#% | Customer ID: abhhj3 | Customer ID: " 12345" |
| **Expected Result** | Display a message: "Account Number must not be blank" | Display a message: "Special characters are not allowed" | Display a message: "Characters are not allowed" | Display a message: "Customer ID is required" | | Display a message: "Special character are not allowed" | Display a message: "Characters are not allowed" | Display a message: "First character can not have space" |
| **Status** | Open | Open | Open | Open | | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | | Nguyên | Nguyên | Nguyên |
| **Created Date** | 09/08/2023 | 09/08/2023 | 09/08/2023 | 05/08/2023 | | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** | **Passed** | | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  |  | |  |  |  |
| **EDIT CUSTOMER FORM** | | | | | **EDIT CUSTOMER** | | | |
| **TC ID** | **T58** | **T59** | **T60** | **T60.1** | | **T61** | **T62** | **T63** |
| **TC Description** | Verify that Customer ID is required when user enter in the Customer Id field | Verify that the user cannot navigate to the Edit customer page when the user enters a value containing a Special character in the Customer Id field | Verify that the user cannot navigate to the Edit customer page when the user enters a value containing characters in the Customer Id field | Verify that the user cannot navigate to the Edit customer page when the user enters a value containing space at the first character in the Costumer ID field | | Verify that user cannot edit customers when user blank the Address field | Verify that user cannot edit customers when user enter value contains space at first character in the Address field | Verify that user cannot edit customers when user enter value contains special character in the Address field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form |
| **Steps** | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter Customer ID in Customer ID field  5. Click button Submit | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains Special character into Customer ID field 5.. Click button Submit | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains characters r into Customer ID field 5. Click button Submit | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains space at first character into Customer ID field 5. Click button Submit | | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Blank the Address field 5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains a space at first character into Address field  5. Click "Submit" | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains pecial characters Address field  5. Click "Submit" |
| **Test Data** | Customer ID: 31433 | Customer ID: \*1433 | Customer ID: abc33 | Customer ID: " 1433" | | address:  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: " Thao Dien"  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Th@o Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com |
| **Expected Result** | Navigate to the Edit Customer page | Display a message: "Special characters are not allowed" | Display a message: "Characters are not allowed" | Display a message: "First character can not have space" | | Display a message: "Address must not be blank" | Display a message: "First character can not have space" | Display a message: "Special characters are not allowed" |
| **Status** | Open | Open | Open | Open | | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** | **Passed** | | **Failed** | **Failed** | **Failed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  |  | | Bug #01 | Bug #02 | Bug#03 |

|  |  |  |  |
| --- | --- | --- | --- |
| **EDIT ACCOUNT** | | | |
| **TC ID** | **T55** | **T56** | **T57** |
| **TC Description** | Verify that user cannot edit the account when the account number is blank | Verify that user cannot Edit Account with Account No contain Special character | Verify that user cannot Edit Account with Account No contain character |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID  5. You must have valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID  5. You must have valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID  5. You must have valid Account No |
| **Steps** | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Edit Account 4. Blank the Account No field 5. In mandatory field, Click Submit | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Edit Account 4. Enter special charater in the Account Number field 5. In mandatory field, Click Submit | 1. Open the demo.guru99.com/v2s application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Edit Account 4. Enter charaters in the Account Number field 5. In mandatory field, Click Submit |
| **Test Data** | Account No: | Account No: /\*-+!@#$ | Account No: abcde |
| **Expected Result** | Display a message: "Account Number must not be blank" | Display a message: "Special characters are not allowed" | Display a message: "Characters are not allowed" |
| **Status** | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên |
| **Created Date** | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  |

Bảng .. Bảng test case 7

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **EDIT CUSTOMER** | | | | | | | |
| **TC ID** | **T64** | **T65** | **T66** | **T67** | **T68** | **T69** | **T70** |
| **TC Description** | Verify that user cannot edit customers when user enter value contains special character in the City field | Verify that user cannot edit customers when user blank the City field | Verify that user cannot edit customers when user enter value contains number in the City field | Verify that user cannot edit customers when user enter value contains space at first character in the City field | Verify that user cannot edit customers when user enter value contains number in the State field | Verify that user cannot edit customers when user blank the State field | Verify that user cannot edit customers when user enter value contains special character in the State field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form |
| **Steps** | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains special character into the City field  5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Blank the City Field  5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains number into the city field  5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains space at first character into the City field 5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains number into the City field 5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Blank the State field 5. Click "Submit" | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains Special characters into the State field 5. Click "Submit" |
| **Test Data** | address: Thao Dien  city: !@#TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city:  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: 1234TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: " TpHCM"  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: 643VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE:  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: ()%#@VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com |
| **Expected Result** | Display a message: "Special characters are not allowed" | Display a message: "City must not be blank" | Display a message: "Numbers are not allowed" | Display a message: "First character can not have space" | Display a message: "Numbers are not allowed" | Display a message: "Address must not be blank" | Display a message: "Special characters are not allowed" |
| **Status** | Open | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | Bug#04 | Bug#05 | Bug#06 | Bug#07 | Bug#08 | Bug#09 | Bug#10 |

Bảng .. Bảng test case 8

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **EDIT CUSTOMER** | | | | | | | |
| **TC ID** | **T70.1** | **T71** | **T72** | **T73** | **T74** | **T75** | **T76** |
| **TC Description** | Verify that user cannot edit customers when user enter value contains space at first character in the State field | Verify that user cannot edit new customers when user enter value contains characters in the PIN field | Verify that user cannot edit customers when user blank the PIN field | Verify that user cannot edit customers when user enter value contains special character in the PIN field | Verify that user cannot edit customers when user enter value not equal 6 Digits in the PIN field | Verify that user cannot edit customers when user enter value contains space at first character in the PIN field | Verify that user cannot edit customers when user blank the PIN field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form |
| **Steps** | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains space at first character into the State field 5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains characters into the PIN field 5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Blank the PIN field 5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains Special characters into the PIN field 5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value less than 6 digits into the PIN field 5. Click "Submit" | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains space at first character into the PIN field 5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Blank the PIN field 5. Click "Submit" |
| **Test Data** | address: Thao Dien  city: TpHCM  STATE: " VIET NAM"  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: "ahf123456"  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN:  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: %%3456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 12345  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: " 123456"  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER:  EMAIL: topbot123@gmail.com |
| **Expected Result** | Display a message: "First character can not have space" | Display a message: "Characters are not allowed" | Display a message: "Address must not be blank" | Display a message: "Special characters are not allowed" | Display a message: "PIN Code must have 6 Digits" | Display a message: "First character can not have space" | Display a message: "Address must not be blank" |
| **Status** | Open | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | Bug#11 | Bug#12 | Bug#13 | Bug#14 | Bug#15 | Bug#16 | Bug#17 |

Bảng .. Bảng test case 9

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **EDIT CUSTOMER** | | | | | | |
| **TC ID** | **T77** | **T78** | **T79** | **T80** | **T81** | **T82** | |
| **TC Description** | Verify that user cannot edit customers when user enter value contains special character in the Mobile Number field | Verify that user cannot edit new customers when user enter value contains characters in the Mobile Number field | Verify that user cannot edit customers when user enter value contains space at first character in the Mobile Number field | Verify that user cannot edit customers when user blank the Email ID field | Verify that user cannot edit customers when user enter invalid value in the Email ID field | Verify that user cannot edit customers when user enter value contains space at first character in the Email ID field | |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | |
| **Steps** | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains Special character into the Mobile Number field 5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains character into the Mobile Number field 5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains space into the Mobile Number field 5. Click "Submit" | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Blank the Email ID field 5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter invalid value into Email ID field 5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains space at first character into Email field 5. Click "Submit" | |
| **Test Data** | address: Thao Dien city: TpHCM STATE: VIET NAM PIN: 123456 MOBILE NUMBER: #$876539167 EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: aa64443hh EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: " 0876539167"  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@@#gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: " topbot123@gmail.com" | |
| **Expected Result** | Display a message: "Special characters are not allowed" | Display a message: "Characters are not allowed" | Display a message: "First character can not have space" | Display a message: "Address must not be blank" | Display a message: "Email-ID is not valid" | Display a message: "First character can not have space" | |
| **Status** | Open | Open | Open | Open | Open | Open | |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | |
| **Test Result** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** | |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | |
| **Notes** | Bug#18 | Bug#19 | Bug#20 | Bug#21 | Bug#22 | Bug#23 | |

Bảng .. Bảng test case 10

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **EDIT ACCOUNT** | | | **NEW ACCOUNT** | | |
| **TC ID** | **F28** | **F28.1** | **F28.2** | **F30** | **F31** | **F31.1** |
| **TC Description** | verify that account cannot edit account when the user enters the value Account Number is invalid | Verify that user can navigate to Edit Account page when user enter valid Account No in Account No field | Verify that User can leave Edit Account Form with click on Home Button | verify that account cannot create when the user enters the value Customer ID is invalid | verify that account cannot create when the user enters the value initial deposit is less than 500 | Verify that user can leave New Account Form page with click on Home Button |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You have valid Customer ID |
| **Steps** | 1. Open the demo.guru99.com/ v2application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Edit Account 4. Enter invalid value in the Account No field 5. Click Submit | 1. Open the demo.guru99.com/ v2application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Edit Account 4. Enter valid value in the Customer ID field 5. Click Submit | 1 Open the demo.guru99.com/ v2application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Account 4. Click on Home button | 1. Open the demo.guru99.com/ v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Enter invalid value in the Customer ID field 5. Choose account type in the combobox  6. Enter valid value in the Initial deposit field 7. Click Submit | 1 Open the demo.guru99.com/ v2application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Enter valid value in the Customer ID field 5. Choose account type in the combobox  6. Enter value in the Initial deposit field is less than 500 7. Click Submit | 1. Open the demo.guru99.com/ v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Click on Home button |
| **Test Data** | Account No: yyg | Account No: 125645 |  | Customer id: abcde Account type: savings initial depossit: 1000000 | Customer id: 4299 Account type: savings initial depossit: 100 |  |
| **Expected Result** | Display a message: "Characters are not allowed" | System navigate to Edit Account page | Screen navigate to Manager's Page | Display a message: "Characters are not allowed" | Display a message: "Intial deposite must be Rs. 500 or more" | Navigate to Manager's Page |
| **Status** | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên |  |  |  |
| **Created Date** | 09/08/2023 | 09/08/2023 | 05/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Failed** | **Failed** | **Passed** | **Passed** | **Failed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  | Bug#25 | Bug#35 |  |  | Bug#34 |

Bảng .. Bảng test case 11

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **DELETE CUSTOMER** | | | **DELETE ACCOUNT** | | |
| **TC ID** | **F23** | **F23.1** | **F23.2** | **F26** | **F26.1** | **F26.2** |
| **TC Description** | Verify that user cannot delete costumer when user enter invalid into the Costumer ID field | Verify that System display a dialog: "Delete Customer is successfully" when user Delete customer with valid Account No | Verify that user can leave Delete Customer page with click on Home Button | verify that account cannot deleted account when the user enters the value Account Number is invalid | Verify that System display a dialog: "Delete Account is successfully" when user Delete account with valid Account No | Verify that User cannot leave Delete Account Form with click on Home Button |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Account No |
| **Steps** | 1. Open the demo.guru99.com/v2 application a  2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Enter invalid into the Costumer ID field 5. Click button Submit | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Enter valid Costumer ID into the Costumer ID field 5. Click button Submit | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Click on Home button | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Delete Account 4. Enter invalid value in the Account No field 5. Click Submit | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Delete Account 4. Enter valid value in the Account No field 5. Click Submit | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Account 4. Click on Home button |
| **Test Data** | customer id: ah#234 | Customer id: 63671 |  | Account No: abc | Account No: 125645 |  |
| **Expected Result** | User cannot Delete Customer page and display a message: "System displays an error" | System display a dialog: "Delete Customer is successfully" | Screen navigate to Manager's Page | Display a message: "Characters are not allowed" | Display a dialog: "Delete Account is successfully" | System navigate to Edit Account page |
| **Status** | Open | Open | Open |  |  |  |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Failed** | **Failed** | **Passed** | **Failed** | **Failed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  | Bug#27 | Bug#33 |  | Bug#24 | Bug#36 |

Bảng .. Bảng test case 12

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NEW CUSTOMER** | **EDIT CUSTOMER** | | | | | | | |
| **TC ID** | **F33** | **F33.1** | **F34** | **F35** | **F35.1** | **F35.2** | **F35.3** | **F35.4** |
| **TC Description** | Verify that user cannot create new customer when user enter a exist Email into the Email field | Verify that user can leave New Customer page with click on Home Button | Verify that user cannot edit costumer when user enter exist email into the Email field | Verify that user cannot edit costumer when user enter invalid into the Costumer ID field | Verify that user can Edit Customer with valid Gender field | Verify that user can Edit Customer with valid Customer Name field | Verify that user can Edit Customer with valid Date of Birth field | Verify that user can leave Edit Customer page with click on Home Button |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID |
| **Steps** | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter enter a exist Email into the Email field 5. Enter valid information other fields 6. Click button Submit | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Click on Home Button | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter a exist Email into the Email field 5. Click button Submit | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter invalid into the Costumer ID field 6. Click button Submit | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Choose valid Gender into the Edit Customer 6. Click button Submit | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter Customer Name into the Edit Customer 6. Click button Submit | 1. Open the demo.guru99.com/ v2application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter Date of Birth into the Edit Customer 6. Click button Submit | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Click on Home button |
| **Test Data** | customer name: yaya gender: male date of birth: 23/3/2002 address: Thao Dien city: TpHCM STATE: VIET NAM PIN: 123456 MOBILE NUMBER: 0876539167 EMAIL: topbot123@gmail.com (exist email) |  | EMAIL: topbot123@gmail.com (exist email) | customer id: ah#234 | Gender: Female | Customer Name: Nguyen | Date of Birth: 19/05/2002 |  |
| **Expected Result** | Display a message: "Email Address Already Exist !!" | Navigate to Manager's Page | Display a message: "Email already exists" | User cannot navigate to Edit Customer page and display a message: "System displays an error" | User can edit Gender from Male to Female | User can edit Customer Name for Customer | User can edit Date of Birth for Customer | Screen navigate to Manager's Page |
| **Status** | Open |  | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Failed** | **Failed** | **Passed** | **Failed** | **Failed** | **Failed** | **Failed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  | Bug#31 | Bug#26 |  | Bug#28 | Bug#29 | Bug#30 | Bug#32 |

## Build V3

Bảng .. Bảng test case 13

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **NEW ACCOUNT** | | | | | | |
| **TC ID** | **T1** | **T2** | **T3** | **T3.1** | **T3.2** | **T3.3** | **T3.4** |
| **TC Description** | Verify that user can not add new account with blank Customer Id | Verify that user can not add new account with special character in Customer Id field | Verify that user can not add new account with character in Customer Id field | Verify that user can not add new account with fisrt character is space in Customer Id field | Verify that user can not add new account with fisrt character is space in Initial deposit field | Verify that user can not add new account with character in Initial deposit field | Verify that user can not add new account with blank Initial deposit |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID |
| **Steps** | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Blank the Customer id field 5. Choose Account type in combobox 6. Entered valid value into the Initial deposit 7. Click Submit | 1.Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account  4. Enter special charater in the Customer Id field  5. Choose Account type in combobox  6. Entered valid value into the Initial deposit  7. Click Submit | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Enter charaters in the Customer Id field 5. Choose Account type in combobox 6. Entered valid value into the Initial deposit 7. Click Submit | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Enter value contains a space at first character into Customer Id field  5. Choose Account type in combobox 6. Enter valid value into the Initial deposit 7. Click Submit | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Enter value contains a space at first character into Initial deposit field  5. Choose Account type in combobox 6. Enter valid value into the Customer ID 7. Click Submit | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Enter charaters in the Initial deposit field 5. Choose Account type in combobox 6. Entered valid value into the Customer ID 7. Click Submit | 1 Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Blank the Initial deposit field 5. Choose Account type in combobox 6. Entered valid value into the Customer ID 7. Click Submit |
| **Test Data** | Customer ID:  Account type: Savings Initial deposit: 1000000 | Customer ID: /\*-+ Account type: Savings Initial deposit: 1000000 | Customer ID: abcde Account type: Savings Initial deposit: 1000000 | Customer ID: " 11942" Account type: Savings Initial deposit: 1000000 | Customer ID: 11942 Account type: Savings Initial deposit: " 1000000" | Customer ID: 11942 Account type: Savings Initial deposit: abcde | Customer ID: 11942 Account type: Savings Initial deposit: |
| **Expected Result** | Display a message: "Customer ID is required" | Display a message: "Special characters are not allowed" | Display a message: "Characters are not allowed" | Display a message: "First character can not have space" | Display a message: "First character can not have space" | Display a message: "Characters are not allowed" | Display a message: "Initial Deposit must not be blank" |
| **Status** | Open | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  |  |  |  |  |

Bảng .. Bảng test case 14

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **NEW CUSTOMER** | | | | | |
| **TC ID** | **T3.5** | **T4** | **T5** | **T6** | **T7** | **T8** | **T9** |
| **TC Description** | Verify that user can not add new account with special character in Initial deposit field | Verify that user cannot create new customers when user enter value contains number in the Costumer Name field | Verify that user cannot create new customers when user enter value contains special character in the Customer Name field | Verify that user cannot create new customers when user blank the Costumer Name field | Verify that user cannot create new customers when user enter value contains space at first character in the Customer Name field | Verify that user cannot create new customers when user blank the Address field | Verify that user cannot create new customers when user enter value contains space at first character in the Address field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account |
| **Steps** | 1 Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Enter special charater in the Initial deposit field 5. Choose Account type in combobox 6. Entered valid value into the Customer ID 7. Click Submit | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains number in the Costumer field 5. Enter valid information other fields 6. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter special charater in the Customer Name field 5. Enter valid information other fields 6. Click "Submit" | 1. Open the demo.guru99.com/ v3 application and Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the Customer Name field 5. Enter valid information other fields  6. Click "Submit" | 1 Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains a space at first character into Customer Name field  5. Enter valid information other fields 6. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the Address field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains a space at first character into Address field  5. Enter valid information other fields  6. Click "Submit" |
| **Test Data** | Customer ID: 11942 Account type: Savings Initial deposit: !@#$% | customer name: 12345 gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: %$#yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name:  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: " yaya"  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address:  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: " Thao Dien"  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 |
| **Expected Result** | Display a message: "Special characters are not allowed" | Display a message "Numbers are not allowed" | Display a message "Special characters are not allowed" | Display a message: "Customers name must not be blank" | Display a message: "First character cannot have space" | Display a message: "Address must not be blank" | Display dialog box a mesage: "First character can not have space" |
| **Status** | Open | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 09/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  |  |  |  |  |

Bảng .. Bảng test case 15

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **NEW CUSTOMER** | | | | | | | |
| **TC ID** | **T10** | **T11** | **T12** | **T13** | **T14** | **T15** | **T16** |
| **TC Description** | Verify that user cannot create new customers when user enter value contains special character in the Address field | Verify that user cannot create new customers when user enter value contains special character in the City field | Verify that user cannot create new customers when user blank the City field | Verify that user cannot create new customers when user enter value contains number in the City field | Verify that user cannot create new customers when user enter value contains space at first character in the City field | Verify that user cannot create new customers when user enter value contains number in the State field | Verify that user cannot create new customers when user blank the State field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account |
| **Steps** | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter special charater in the Address field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter special charater in the City field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the City field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter number value in the City field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains a space at first character into City field  5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter number value in the State field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the State field 5. Enter valid information other fields  6. Click "Submit" |
| **Test Data** | customer name: yaya  gender: male  date of birth: 23/3/2002  address: @#Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: %^% STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya gender: male date of birth: 23/3/2002 address: Thao Dien city:  STATE: VIET NAM PIN: 123456 MOBILE NUMBER: 0876539167 EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya gender: male date of birth: 23/3/2002 address: Thao Dien city: 12TpHCM STATE: VIET NAM PIN: 123456 MOBILE NUMBER: 0876539167 EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: " TpHCM"  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: 11VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE:  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 |
| **Expected Result** | Display a message "Special characters are not allowed" | Display a message "Special characters are not allowed" | Display a message: "City must not be blank" | Display a message: "Numbers are not allowed" beside City field | Display a message: "First character can not have space" beside City field | Display a message: "Numbers are not allowed" | Display a message: "State must not be blank" beside State field |
| **Status** | Open | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  |  |  |  |  |

Bảng .. Bảng test case 16

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **NEW CUSTOMER** | | | | | | | |
| **TC ID** | **T17** | **T17.1** | **T18** | **T19** | **T20** | **T21** | **T22** |
| **TC Description** | Verify that user cannot create new customers when user enter value contains special character in the State field | Verify that user cannot create new customers when user enter value contains space at first character in the State field | Verify that user cannot create new customers when user enter value contains characters in the PIN field | Verify that user cannot create new customers when user blank the PIN field | Verify that user cannot create new customers when user enter value contains special character in the PIN field | Verify that user cannot create new customers when user enter value not equal 6 Digits in the Pin field | Verify that user cannot create new customers when user enter value contains space at first character in the PIN field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account |
| **Steps** | 1 Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter special charaters in the State field 5. Enter valid information other fields 6. Click "Submit" | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains a space at first character into State field 5. Enter valid information other fields  6. Click "Submit" | 1 Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter characters value in the Pin field 5. Enter valid information other fields 6. Click "Submit" | 1d Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the Pin field 5. Enter valid information other fields  6. Click "Submit" | 1 Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter special charaters in the Pin field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Entered valid value in the Pin field with 6 digits 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains a space at first character into Pin field  5. Enter valid information other fields  6. Click "Submit" |
| **Test Data** | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: !@#$%VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: " VIET NAM"  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: abcdg MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN:  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: $%&\*!!  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 12345  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: " 23456"  MOBILE NUMBER: 0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 |
| **Expected Result** | Display a message: "Special characters are not allowed" | Display a message: "First character can not have space" | Display a message: "Characters are not allowed" | Display a message: "PIN Code must not be blank" | Display a message: "Special characters are not allowed" | Display a message: "PIN Code must have 6 Digits" | Display a message: "First character can not have space" |
| **Status** | Open | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  |  |  |  |  |

Bảng .. Bảng test case 17

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NEW CUSTOMER** | | | | | | | | |
| **TC ID** | **T23** | **T24** | **T25** | **T26** | **T27** | **T28** | **T29** | **T30** |
| **TC Description** | Verify that user cannot create new customers when user blank the Mobile Number field | Verify that user cannot create new customers when user enter value contains special character in the mobile phone field | Verify that user cannot create new customers when user enter value contains characters in the Mobile Number field | Verify that user cannot create new customers when user enter value contains space at first character in the Mobile Number field | Verify that user cannot create new customers when user blank the Email ID field | Verify that user cannot create new customers when user enter invalid value in the Email ID field | Verify that user cannot create new customers when user enter value contains space at first character in the Email ID field | Verify that user cannot create new customers when user blank the Password field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account |
| **Steps** | 1 Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the Mobile Number field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter special character into Mobile number field 5. Enter valid information other fields  6. Click "Submit" | 1 Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter characters value in the Mobile Number field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains a space at first character into Mobile Number field  5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the Email ID field 5. Enter valid information other fields  6. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Entered invalid value in the Email ID field 5. Enter valid information other fields  6. Click "Submit" | 1 Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter value contains a space at first character into Email field  5. Enter valid information other fields 6. Click "Submit" | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Blank the Password field 5. Enter valid information other fields 6. Click "Submit" |
| **Test Data** | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER:  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: !@#$%0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: sgrdgr0876539167  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: " 0876539167"  EMAIL: [topbot123@gmail.com](mailto:topbot123@gmail.com)  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL:  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: ##$$%  Password: doan123 | customer name: yaya  gender: male  date of birth: 23/3/2002  address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: " [topbot123@gmail.com](mailto:topbot123@gmail.com)"  Password: doan123 | customer name: yaya gender: male date of birth: 23/3/2002 address: Thao Dien city: TpHCM STATE: VIET NAM PIN: 123456 MOBILE NUMBER: 0876539167 EMAIL: nn123@gmail.com Password: |
| **Expected Result** | Display a message: "Mobile no must not be blank" | Display a message: "Special characters are not allowed" | Display a message: "Characters are not allowed" | Display a message: "First character can not have space" | Display a message: "Email-ID must not be blank" | Display a message: "Email-ID is not valid" | Display a message: "First character can not have space" | Display a message: "Password must not be blank" |
| **Status** | Open | Open | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  |  |  |  |  |  |

Bảng .. Bảng test case 18

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DELETE ACCOUNT FORM** | | | | **DELETE CUSTOMER** | | | | | |
| **TC ID** | **T42** | **T43** | **T44** | | **T45** | | **T46** | **T47** | **T47.1** |
| **TC Description** | verify that the account form cannot be deleted when the account number is blank | verify that the account form cannot be deleted when entering special characters | verify that the account form cannot be deleted when entering characters | | Verify that Customer ID is required when user enter in the Customer Id field | | Verify that user cannot delete customer when user enter value contains special characters into Customer ID field | Verify that user cannot delete customer when user enter value contains characters into Customer ID field | Verify that user can delete customer when user enter value contains space at firstccharacters into Customer ID field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Account No | | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID |
| **Steps** | 1. Click Delete Account  2. Leave the Account Number box blank  3. Click the "Submit" button | 1. Click Delete Account  2. Enter special characters in Account No  3. Click the "Submit" button | 1. Click Delete Account  2. Enter characters in Account No  3. Click the "Submit" button | | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Don't enter Customer ID in Customer ID field  5. Click button Submit | | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Enter value contains special characters into Customer ID field 5. Click button Submit | 1 Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Enter value contains characters r into Customer ID field 5. Click button Submit | 1 Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Enter value contains space at first character into Customer ID field 5. Click button Submit |
| **Test Data** | Account No: | Account No: /\*-+ | Acccount No: abcde | | Customer ID: | | Customer ID: 1234$#% | Customer ID: abhhj3 | Customer ID: " 12345" |
| **Expected Result** | Display a message: "Account Number must not be blank" | Display a message: "Special characters are not allowed" | Display a message: "Characters are not allowed" | | Display a message: "Customer ID is required" | | Display a message: "Special character are not allowed" | Display a message: "Characters are not allowed" | Display a message: "First character can not have space" |
| **Status** | Open | Open | Open | | Open | | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | | Nguyên | | Nguyên | Nguyên | Nguyên |
| **Created Date** | 09/08/2023 | 09/08/2023 | 09/08/2023 | | 05/08/2023 | | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | | Nguyên | | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** | | **Passed** | | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | | Nguyên | | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  | |  | |  |  |  |
| **EDIT CUSTOMER FORM** | | | | | | **EDIT CUSTOMER** | | | |
| **TC ID** | **T58** | **T59** | **T60** | | **T60.1** | | **T61** | **T62** | **T63** |
| **TC Description** | Verify that Customer ID is required when user enter in the Customer Id field | Verify that the user cannot navigate to the Edit customer page when the user enters a value containing a Special character in the Customer Id field | Verify that the user cannot navigate to the Edit customer page when the user enters a value containing characters in the Customer Id field | | Verify that the user cannot navigate to the Edit customer page when the user enters a value containing space at the first character in the Costumer ID field | | Verify that user cannot edit customers when user blank the Address field | Verify that user cannot edit customers when user enter value contains space at first character in the Address field | Verify that user cannot edit customers when user enter value contains special character in the Address field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form |
| **Steps** | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter Customer ID in Customer ID field  5. Click button Submit | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains Special character into Customer ID field 5.. Click button Submit | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains characters r into Customer ID field 5. Click button Submit | | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains space at first character into Customer ID field 5. Click button Submit | | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Blank the Address field 5. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains a space at first character into Address field  5. Click "Submit" | 1 Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains pecial characters Address field  5. Click "Submit" |
| **Test Data** | Customer ID: 31433 | Customer ID: \*1433 | Customer ID: abc33 | | Customer ID: " 1433" | | address:  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: " Thao Dien"  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Th@o Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com |
| **Expected Result** | Navigate to the Edit Customer page | Display a message: "Special characters are not allowed" | Display a message: "Characters are not allowed" | | Display a message: "First character can not have space" | | Display a message: "Address must not be blank" | Display a message: "First character can not have space" | Display a message: "Special characters are not allowed" |
| **Status** | Open | Open | Open | | Open | | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | | Nguyên | | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | | 05/08/2023 | | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | | Nguyên | | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** | | **Passed** | | **Failed** | **Failed** | **Failed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | | Nguyên | | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  | |  | | Bug #01 | Bug #02 | Bug#03 |

Bảng .. Bảng test case 19

|  |  |  |  |
| --- | --- | --- | --- |
| **EDIT ACCOUNT** | | | |
| **TC ID** | **T55** | **T56** | **T57** |
| **TC Description** | Verify that user cannot edit the account when the account number is blank | Verify that user cannot Edit Account with Account No contain Special character | Verify that user cannot Edit Account with Account No contain character |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID  5. You must have valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID  5. You must have valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID  5. You must have valid Account No |
| **Steps** | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Edit Account 4. Blank the Account No field 5. In mandatory field, Click Submit | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Edit Account 4. Enter special charater in the Account Number field 5. In mandatory field, Click Submit | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Edit Account 4. Enter charaters in the Account Number field 5. In mandatory field, Click Submit |
| **Test Data** | Account No: | Account No: /\*-+!@#$ | Account No: abcde |
| **Expected Result** | Display a message: "Account Number must not be blank" | Display a message: "Special characters are not allowed" | Display a message: "Characters are not allowed" |
| **Status** | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên |
| **Created Date** | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  |  |

Bảng .. Bảng test case 20

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **EDIT CUSTOMER** | | | | | | | |
| **TC ID** | **T64** | **T65** | **T66** | **T67** | **T68** | **T69** | **T70** |
| **TC Description** | Verify that user cannot edit customers when user enter value contains special character in the City field | Verify that user cannot edit customers when user blank the City field | Verify that user cannot edit customers when user enter value contains number in the City field | Verify that user cannot edit customers when user enter value contains space at first character in the City field | Verify that user cannot edit customers when user enter value contains number in the State field | Verify that user cannot edit customers when user blank the State field | Verify that user cannot edit customers when user enter value contains special character in the State field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form |
| **Steps** | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains special character into the City field  5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Blank the City Field  5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains number into the city field  5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains space at first character into the City field 5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains number into the City field 5. Click "Submit" | 1. Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Blank the State field 5. Click "Submit" | 1 Open the demo.guru99.com/ v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains Special characters into the State field 5. Click "Submit" |
| **Test Data** | address: Thao Dien  city: !@#TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city:  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: 1234TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: " TpHCM"  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: 643VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE:  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: ()%#@VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com |
| **Expected Result** | Display a message: "Special characters are not allowed" | Display a message: "City must not be blank" | Display a message: "Numbers are not allowed" | Display a message: "First character can not have space" | Display a message: "Numbers are not allowed" | Display a message: "Address must not be blank" | Display a message: "Special characters are not allowed" |
| **Status** | Open | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | Bug#04 | Bug#05 | Bug#06 | Bug#07 | Bug#08 | Bug#09 | Bug#10 |

Bảng .. Bảng test case 21

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **EDIT CUSTOMER** | | | | | | | |
| **TC ID** | **T70.1** | **T71** | **T72** | **T73** | **T74** | **T75** | **T76** |
| **TC Description** | Verify that user cannot edit customers when user enter value contains space at first character in the State field | Verify that user cannot edit new customers when user enter value contains characters in the PIN field | Verify that user cannot edit customers when user blank the PIN field | Verify that user cannot edit customers when user enter value contains special character in the PIN field | Verify that user cannot edit customers when user enter value not equal 6 Digits in the PIN field | Verify that user cannot edit customers when user enter value contains space at first character in the PIN field | Verify that user cannot edit customers when user blank the PIN field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form |
| **Steps** | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains space at first character into the State field 5. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains characters into the PIN field 5. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Blank the PIN field 5. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains Special characters into the PIN field 5. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value less than 6 digits into the PIN field 5. Click "Submit" | 1 Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains space at first character into the PIN field 5. Click "Submit" | 1. Open the demo.guru99.com/ v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Blank the PIN field 5. Click "Submit" |
| **Test Data** | address: Thao Dien  city: TpHCM  STATE: " VIET NAM"  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: "ahf123456"  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN:  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: %%3456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 12345  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: " 123456"  MOBILE NUMBER: 0876539167  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER:  EMAIL: topbot123@gmail.com |
| **Expected Result** | Display a message: "First character can not have space" | Display a message: "Characters are not allowed" | Display a message: "Address must not be blank" | Display a message: "Special characters are not allowed" | Display a message: "PIN Code must have 6 Digits" | Display a message: "First character can not have space" | Display a message: "Address must not be blank" |
| **Status** | Open | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | Bug#11 | Bug#12 | Bug#13 | Bug#14 | Bug#15 | Bug#16 | Bug#17 |

Bảng .. . Bảng test case 22

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **EDIT CUSTOMER** | | | | | |
| **TC ID** | **T77** | **T78** | **T79** | **T80** | **T81** | **T82** |
| **TC Description** | Verify that user cannot edit customers when user enter value contains special character in the Mobile Number field | Verify that user cannot edit new customers when user enter value contains characters in the Mobile Number field | Verify that user cannot edit customers when user enter value contains space at first character in the Mobile Number field | Verify that user cannot edit customers when user blank the Email ID field | Verify that user cannot edit customers when user enter invalid value in the Email ID field | Verify that user cannot edit customers when user enter value contains space at first character in the Email ID field |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have a valid Customer ID to login in Edit Customer Form |
| **Steps** | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains Special character into the Mobile Number field 5. Click "Submit" | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains character into the Mobile Number field 5. Click "Submit" | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains space into the Mobile Number field 5. Click "Submit" | 1 Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Blank the Email ID field 5. Click "Submit" | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter invalid value into Email ID field 5. Click "Submit" | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter value contains space at first character into Email field 5. Click "Submit" |
| **Test Data** | address: Thao Dien city: TpHCM STATE: VIET NAM PIN: 123456 MOBILE NUMBER: #$876539167 EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: aa64443hh EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: " 0876539167"  EMAIL: topbot123@gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: topbot123@@#gmail.com | address: Thao Dien  city: TpHCM  STATE: VIET NAM  PIN: 123456  MOBILE NUMBER: 0876539167  EMAIL: " topbot123@gmail.com" |
| **Expected Result** | Display a message: "Special characters are not allowed" | Display a message: "Characters are not allowed" | Display a message: "First character can not have space" | Display a message: "Address must not be blank" | Display a message: "Email-ID is not valid" | Display a message: "First character can not have space" |
| **Status** | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** | **Failed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | Bug#18 | Bug#19 | Bug#20 | Bug#21 | Bug#22 | Bug#23 |
|  | **DELETE CUSTOMER** | | **DELETE ACCOUNT** | | | |
| **TC ID** | F23 | F23.1 | F23.2 | F26 | F26.1 | F26.2 |
| **TC Description** | Verify that user cannot delete costumer when user enter invalid into the Costumer ID field | Verify that System display a dialog: "Delete Customer is successfully" when user Delete customer with valid Account No | Verify that user can leave Delete Customer page with click on Home Button | verify that account cannot deleted account when the user enters the value Account Number is invalid | Verify that System display a dialog: "Delete Account is successfully" when user Delete account with valid Account No | Verify that User cannot leave Delete Account Form with click on Home Button |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Account No |
| **Steps** | 1. Open the demo.guru99.com/v3 application a  2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Enter invalid into the Costumer ID field 5. Click button Submit | 1. Open the demo.guru99.com/ v3application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Enter valid Costumer ID into the Costumer ID field 5. Click button Submit | 1. Open the demo.guru99.com/ v3 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Click on Home button | 1. Open the demo.guru99.com/ v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Delete Account 4. Enter invalid value in the Account No field 5. Click Submit | 1. Open the demo.guru99.com/ v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Delete Account 4. Enter valid value in the Account No field 5. Click Submit | 1. Open the demo.guru99.com/ v3 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Account 4. Click on Home button |
| **Test Data** | customer id: ah#234 | Customer id: 63671 |  | Account No: abc | Account No: 125645 |  |
| **Expected Result** | User cannot Delete Customer page and display a message: "System displays an error" | System display a dialog: "Delete Customer is successfully" | Screen navigate to Manager's Page | Display a message: "Characters are not allowed" | Display a dialog: "Delete Account is successfully" | System navigate to Edit Account page |
| **Status** | Open | Open | Open |  |  |  |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Failed** | **Passed** | **Passed** | **Failed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  | Bug#27 | Bug#33 |  | Bug#24 | Bug#36 |

Bảng .. Bảng test case 23

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **EDIT ACCOUNT** | | | **NEW ACCOUNT** | | |
| **TC ID** | **F28** | **F28.1** | **F28.2** | **F30** | **F31** | **F31.1** |
| **TC Description** | verify that account cannot edit account when the user enters the value Account Number is invalid | Verify that user can navigate to Edit Account page when user enter valid Account No in Account No field | Verify that User can leave Edit Account Form with click on Home Button | verify that account cannot create when the user enters the value Customer ID is invalid | verify that account cannot create when the user enters the value initial deposit is less than 500 | Verify that user can leave New Account Form page with click on Home Button |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Account No | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You have valid Customer ID |
| **Steps** | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Edit Account 4. Enter invalid value in the Account No field 5. Click Submit | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Edit Account 4. Enter valid value in the Customer ID field 5. Click Submit | 1 Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Account 4. Click on Home button | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Enter invalid value in the Customer ID field 5. Choose account type in the combobox  6. Enter valid value in the Initial deposit field 7. Click Submit | 1 Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Enter valid value in the Customer ID field 5. Choose account type in the combobox  6. Enter value in the Initial deposit field is less than 500 7. Click Submit | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on New Account 4. Click on Home button |
| **Test Data** | Account No: yyg | Account No: 125645 |  | Customer id: abcde Account type: savings initial depossit: 1000000 | Customer id: 4299 Account type: savings initial depossit: 100 |  |
| **Expected Result** | Display a message: "Characters are not allowed" | System navigate to Edit Account page | Screen navigate to Manager's Page | Display a message: "Characters are not allowed" | Display a message: "Intial deposite must be Rs. 500 or more" | Navigate to Manager's Page |
| **Status** | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên |  |  |  |
| **Created Date** | 09/08/2023 | 09/08/2023 | 05/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Failed** | **Passed** | **Passed** | **Passed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  | Bug#25 | Bug#35 |  |  | Bug#34 |

Bảng .. Bảng test case 24

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NEW CUSTOMER** | **EDIT CUSTOMER** | | | | | | | |
| **TC ID** | **F33** | **F33.1** | **F34** | **F35** | **F35.1** | **F35.2** | **F35.3** | **F35.4** |
| **TC Description** | Verify that user cannot create new customer when user enter a exist Email into the Email field | Verify that user can leave New Customer page with click on Home Button | Verify that user cannot edit costumer when user enter exist email into the Email field | Verify that user cannot edit costumer when user enter invalid into the Costumer ID field | Verify that user can Edit Customer with valid Gender field | Verify that user can Edit Customer with valid Customer Name field | Verify that user can Edit Customer with valid Date of Birth field | Verify that user can leave Edit Customer page with click on Home Button |
| **Pre-Condition** | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID | 1. Ensure you have access to a web browser.  2. Make sure the internet connection is stable 3. You must have a valid login account 4. You must have valid Customer ID |
| **Steps** | 1 Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Enter enter a exist Email into the Email field 5. Enter valid information other fields 6. Click button Submit | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Click on Home Button | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter a exist Email into the Email field 5. Click button Submit | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter invalid into the Costumer ID field 6. Click button Submit | 1 Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Choose valid Gender into the Edit Customer 6. Click button Submit | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter Customer Name into the Edit Customer 6. Click button Submit | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter Date of Birth into the Edit Customer 6. Click button Submit | 1 Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Click on Home button |
| **Test Data** | customer name: yaya gender: male date of birth: 23/3/2002 address: Thao Dien city: TpHCM STATE: VIET NAM PIN: 123456 MOBILE NUMBER: 0876539167 EMAIL: topbot123@gmail.com (exist email) |  | EMAIL: topbot123@gmail.com (exist email) | customer id: ah#234 | Gender: Female | Customer Name: Nguyen | Date of Birth: 19/05/2002 |  |
| **Expected Result** | Display a message: "Email Address Already Exist !!" | Navigate to Manager's Page | Display a message: "Email already exists" | User cannot navigate to Edit Customer page and display a message: "System displays an error" | User can edit Gender from Male to Female | User can edit Customer Name for Customer | User can edit Date of Birth for Customer | Screen navigate to Manager's Page |
| **Status** | Open |  | Open | Open | Open | Open | Open | Open |
| **Create By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Created Date** | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 | 05/08/2023 |
| **Review By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Test Result** | **Passed** | **Passed** | **Failed** | **Passed** | **Failed** | **Failed** | **Failed** | **Passed** |
| **Executed By** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** |  |  | Bug#26 |  | Bug#28 | Bug#29 | Bug#30 | Bug#32 |

# DANH SÁCH BUG

## Build V2

Bảng .. Bảng Bug 1

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Summary** | User cannot edit customers when user blank the Address field | User cannot edit customers when user enter value contains space at first character in the Address field | User cannot edit customers when user enter value contains special character in the Address field | User cannot edit customers when user enter value contains special character in the City field | User cannot edit customers when user blank the City field | User cannot edit customers when user enter value contains number in the City field |
| **Description** | User cannot edit customers when user blank the Address field but system allow user can edit customer | User cannot edit customers when user enter value contains space at first character in the Address field but system allow user can edit customer | User cannot edit customers when user enter value contains special character in the Address field but system allow user can edit customer | User cannot edit customers when user enter value contains special character in the City field but system allow user can edit customer | User cannot edit customers when user blank the City field but system allow user can edit customer | User cannot edit customers when user enter value contains number in the City field but system allow user can edit customer |
| **Steps to Reproduce (Including Expected Behaviour and Observed Behaviour)** | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Blank the Address field 6. Click "Submit" **Expected Behaviour:** Display a message: "Address Field must not be blank" and The system does not allow users to save Address information **Observed Behaviour:** Display a message: "Address Field must not be blank" but The information in the Address field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains a space at first character into Address field 6. Click "Submit" **Expected Behaviour:** Display a message: "First character can not have space" and The system does not allow users to save Address information **Observed Behaviour:** Display a message: "First character can not have space" but The information in the Address field has been saved successfully | 1. Open the demo.guru99.com/v2 application and Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains pecial characters Address field  6. Click "Submit" **Expected Behaviour:** Display a message: "Special characters are not allowed" and The system does not allow users to save Address information **Observed Behaviour:** Display a message: "Special characters are not allowed" but The information in the Address field has been saved successfully | 1. Open the demo.guru99.com/v2 application and Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains pecial characters City field  6. Click "Submit" **Expected Behaviour:** Display a message: "Special characters are not allowed" and The system does not allow users to save City information **Observed Behaviour:** Display a message: "Special characters are not allowed" but The information in the City field has been saved successfully | 1. Open the demo.guru99.com/v2 application and Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Blank the City Field  6. Click "Submit" **Expected Behaviour:** Display a message: "City Field must not be blank" and The system does not allow users to save City information **Observed Behaviour:** Display a message: "City Field must not be blank" but The information in the City field has been saved successfully | 1. Open the demo.guru99.com/v2 application and Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains number into the City field  6. Click "Submit" **Expected Behaviour:** Display a message: "Numbers are not allowed" and The system does not allow users to save City information **Observed Behaviour:** Display a message: "Numbers are not allowed" but The information in the City field has been saved successfully |
| **Build found** | V2 | V2 | V2 | V2 | V2 | V2 |
| **Date found** | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Reproducibility** | Always | Always | Always | Always | Always | Always |
| **Keyword** | register | register | Register | register | register | register |
| **Resolution** | New | New | New | New | New | New |
| **Status** | **Open** | **Open** | **Open** | **Open** | **Open** | **Open** |
| **Reported by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Reviewed by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | T61 | T62 | T63 | T64 | T65 | T66 |

Bảng .. Bảng Bug 2

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **7** | **8** | **9** | **10** | **11** | **12** |
| **Summary** | User cannot edit customers when user enter value contains space at first character in the City field | User cannot edit customers when user enter value contains number in the State field | User cannot edit customers when user blank the State field | User cannot edit customers when user enter value contains special character in the State field | User cannot edit customers when user enter value contains space at first character in the State field | User cannot edit new customers when user enter value contains characters in the PIN field |
| **Description** | User cannot edit customers when user enter value contains space at first character in the City field but system allow user can edit customer | User cannot edit customers when user enter value contains number in the State field but system allow user can edit customer | User cannot edit customers when user blank the State field but but system allow user can edit customer | User cannot edit customers when user enter value contains special character in the State field but system allow user can edit customer | User cannot edit customers when user enter value contains space at first character in the State field but system can edit customer | User cannot edit new customers when user enter value contains characters in the PIN field but system can edit customer |
| **Steps to Reproduce (Including Expected Behaviour and Observed Behaviour)** | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains space at first character into the City field 6. Click "Submit" **Expected Behaviour:** Display a message: "First character can not have space" and The system does not allow users to save City information **Observed Behaviour:** Display a message: "First character can not have space" but The information in the City field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains number into the State field 6. Click "Submit" **Expected Behaviour:** Display a message: "Numbers are not allowed" and The system does not allow users to save State information **Observed Behaviour:** Display a message: "Numbers are not allowed" but The information in the State field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Blank the State field 6. Click "Submit" **Expected Behaviour:** Display a message: "State must not be blank" and The system does not allow users to save State information **Observed Behaviour:** Display a message: "State must not be blank" but The information in the State field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains Special characters into the State field 6. Click "Submit" **Expected Behaviour:** Display a message: "Special characters are not allowed" and The system does not allow users to save State information **Observed Behaviour:** Display a message: "Special characters are not allowed" but The information in the State field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains space at first character into the State field 6. Click "Submit" **Expected Behaviour:** Display a message: "First character can not have space" and The system does not allow users to save State information **Observed Behaviour:** Display a message: "First character can not have space" but The information in the State field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains characters into the PIN field 6. Click "Submit" **Expected Behaviour:** Display a message: "Characters are not allowed" and The system does not allow users to save Pin information **Observed Behaviour:** Display a message: "Characters are not allowed" but The information in the Pin field has been saved successfully |
| **Build found** | V2 | V2 | V2 | V2 | V2 | V2 |
| **Date found** | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Reproducibility** | Always | Always | Always | Always | Always | Always |
| **Keyword** | register | register | register | register | register | register |
| **Resolution** | New | New | New | New | New | New |
| **Status** | **Open** | **Open** | **Open** | **Open** | **Open** | **Open** |
| **Reported by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Reviewed by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | T67 | T68 | T69 | T70 | T70.1 | T71 |

Bảng .. Bảng Bug 3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **13** | **14** | **15** | **16** | **17** | **18** |
| **Summary** | User cannot edit customers when user blank the PIN field | User cannot edit customers when user enter value contains special character in the PIN field | User canno edit customers when user enter value not equal 6 Digits in the PIN field | User cannot edit customers when user enter value contains space at first character in the PIN field | User cannot edit customers when user blank the PIN field | User cannot edit customers when user enter value contains special character in the Mobile Number field |
| **Description** | User cannot edit customers when user blank the PIN field but system allow user can edit customer | User cannot edit customers when user enter value contains special character in the PIN field but system allow user can edit customer | User canno edit customers when user enter value not equal 6 Digits in the PIN field but system allow user can edit customer | User cannot edit customers when user enter value contains space at first character in the PIN field but system allow user can edit customer | User cannot edit customers when user blank the PIN field but system allow user can edit customer | User cannot edit customers when user enter value contains special character in the Mobile Number field but system allow user can edit customer |
| **Steps to Reproduce (Including Expected Behaviour and Observed Behaviour)** | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Blank the PIN field 6. Click "Submit" **Expected Behaviour:** Display a message: "PIN Code must not be blank" and The system does not allow users to save Pin information **Observed Behaviour:** Display a message: "PIN Code must not be blank" but The information in the Pin field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains Special characters into the PIN field 6. Click "Submit" **Expected Behaviour:** Display a message: "Special characters are not allowed" and The system does not allow users to save Pin information **Observed Behaviour:** Display a message: "Special characters are not allowed" but The information in the Pin field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value less than 6 digits into the PIN field 6. Click "Submit" **Expected Behaviour:** Display a message: "PIN Code must have 6 Digits" and The system does not allow users to save Pin information **Observed Behaviour:** Display a message: "PIN Code must have 6 Digits" but The information in the Pin field has been saved successfully | 1. Open the demo.guru99.com/v2 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains space at first character into the PIN field 6. Click "Submit" **Expected Behaviour:** Display a message: "First character can not have space" and The system does not allow users to save Pin information **Observed Behaviour:** Display a message: "First character can not have space" but The information in the Pin field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Blank the PIN field 6. Click "Submit" **Expected Behaviour:** Display a message: "PIN Code must not be blank" and The system does not allow users to save Pin information **Observed Behaviour:** Display a message: "PIN Code must not be blank" but The information in the Pin field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains Special character into the Mobile Number field 6. Click "Submit" **Expected Behaviour:** Display a message: "Special characters are not allowed" and The system does not allow users to save Mobile Number information **Observed Behaviour:** Display a message: "Special characters are not allowed" but The information in the Mobile Number field has been saved successfully |
| **Build found** | **V2** | **V2** | **V2** | **V2** | **V2** | **V2** |
| **Date found** | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Reproducibility** | Always | Always | Always | Always | Always | Always |
| **Keyword** | register | register | register | register | register | register |
| **Resolution** | New | New | New | New | New | New |
| **Status** | **Open** | **Open** | **Open** | **Open** | **Open** | **Open** |
| **Reported by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Reviewed by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | T72 | T73 | T74 | T75 | T76 | T77 |

Bảng .. Bảng Bug 4

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **19** | **20** | **21** | **22** | **23** | **24** |
| **Summary** | User cannot edit new customers when user enter value contains characters in the Mobile Number field | User cannot edit customers when user enter value contains space at first character in the Mobile Number field | User cannot edit customers when user blank the Email ID field | User cannot edit customers when user enter invalid value in the Email ID field | User cannot edit customers when user enter value contains space at first character in the Email ID field | No display dialog box saying "Delete account is successfully" when user Delete account with valid Account No |
| **Description** | User cannot edit new customers when user enter value contains characters in the Mobile Number field but system allow user can edit customer | User cannot edit customers when user enter value contains space at first character in the Mobile Number field but system allow user can edit customer | User cannot edit customers when user blank the Email ID field but system allow user can edit customer | User cannot edit customers when user enter invalid value in the Email ID field but system allow user can edit customer | User cannot edit customers when user enter value contains space at first character in the Email ID field but system allow user can edit customer |  |
| **Steps to Reproduce (Including Expected Behaviour and Observed Behaviour)** | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains character into the Mobile Number field 6. Click "Submit" **Expected Behaviour:** Display a message: "Characters are not allowed" and The system does not allow users to save Mobile Number information **Observed Behaviour:** Display a message: "Characters are not allowed" but The information in the Mobile Number field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains space into the Mobile Number field 6. Click "Submit" **Expected Behaviour:** Display a message: "First character can not have space" and The system does not allow users to save Mobile Number information **Observed Behaviour:** Display a message: "First character can not have space" but The information in the Mobile Number field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Blank the Email ID field 6. Click "Submit" **Expected Behaviour:** Display a message: "Email-ID must not be blank" and The system does not allow users to save E-mail ID information **Observed Behaviour:** Display a message: "Email-ID must not be blank" but The information in the E-mail ID field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter invalid value into Email ID field 6. Click "Submit" **Expected Behaviour:** Display a message: "Email-ID is not valid" and The system does not allow users to save E-mail ID information **Observed Behaviour:** Display a message: "Email-ID is not valid" but The information in the E-mail ID field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains space at first character into Email field 6. Click "Submit" **Expected Behaviour:** Display a message: "First character can not have space" and The system does not allow users to save E-mail ID information **Observed Behaviour:** Display a message: "First character can not have space" but The information in the E-mail ID field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Delete Account 4. Enter valid value in the Account No field 5. Click Submit **Expected Behaviour:** Display a Dialog: "Delete account is successfully" **Observed Behaviour**: Error 404 |
| **Build found** | V2 | V2 | V2 | V2 | V2 | V2 |
| **Date found** | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Reproducibility** | Always | Always | Always | Always | Always | Always |
| **Keyword** | register | register | register | register | register | register |
| **Resolution** | New | New | New | New | New | New |
| **Status** | **Open** | **Open** | **Open** | **Open** | **Open** | **Open** |
| **Reported by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Reviewed by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | T78 | T79 | T80 | T81 | T82 | F26.1 |

Bảng .. Bảng Bug 5

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **25** | **26** | **27** | **28** | **29** | **30** |
| **Summary** | User cannot access to Edit Account page when the user enters the value Account Number is valid | User can edit costumer when user enter exist email into the Email field | System displays wrong message when user delete custormer successfully | User cannot Edit Customer with valid Gender field | User cannot Edit Customer with valid Customer Name field | User cannot Edit Customer with valid Date of Birth field |
| **Description** |  | User cannot edit costumer when user enter exist email into the Email field but the system allows user edit costumer | System displays wrong message when user delete custormer successfully |  |  |  |
| **Steps to Reproduce (Including Expected Behaviour and Observed Behaviour)** | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Edit Account 4. Enter invalid value in the Account No field 5. Click Submit **Expected Behaviour:** Navigate to Edit Account page **Observed Behaviour**: Error 404 | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter a exist Email into the Email field 6. Click "Submit" **Expected Behaviour:** Display a message: "Email Address Already Exist !!" and The system does not allow users to save E-mail information **Observed Behaviour:** Display a message: "Email Address Already Exist !!" but The information in the E-mail field has been saved successfully | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Enter valid Customer ID into the Customer ID field 5. Click button Submit Expected Behaviour: Display a dialog: "Delete Customer is successfully" Observed Behaviour: Display a dialog: "Customer does not exists" | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Choose valid Gender into the Edit Customer 6. Click button Submit **Expected Behaviour:** Display a dialog: "Gender has been edited successfully" **Observed Behaviour:** Can't click on Gender field to edit | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter valid Customer Name into the Edit Customer 6. Click button Submit Expected Behaviour: Display a dialog: "Customer Name has been edited successfully" **Observed Behaviour:** Can't click on Customer Name field to edit | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter valid Date of Birth into the Edit Customer 6. Click button Submit Expected Behaviour: Display a dialog: "Date of Birth has been edited successfully" **Observed Behaviour:** Can't click on Date of Birth field to edit |
| **Build found** | V2 | V2 | V2 | V2 | V2 | V2 |
| **Date found** | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Reproducibility** | Always | Always | Always | Always | Always | Always |
| **Keyword** | register | register | register | register | register | register |
| **Resolution** | New | New | New | New | New | New |
| **Status** | **Open** | **Open** | **Open** | **Open** | **Open** | **Open** |
| **Reported by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Reviewed by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | F28.1 | F34 | F23.1 | F35.1 | F35.2 | F35.3 |

Bảng .. Bảng Bug 6

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **31** | **32** | **33** | **34** | **35** | **36** |
| **Summary** | User cannot leave New Customer page when user click on Home Button | User cannot leave Edit Customer Form and Edit Customer page with click on Home Button | User cannot leave Delete Customer page with click on Home Button | User cannot leave Add New Account Form with click on Home Button | User cannot leave Edit Account Form with click on Home Button | User cannot leave Delete Account page with click on Home Button |
| **Description** |  |  |  |  |  |  |
| **Steps to Reproduce (Including Expected Behaviour and Observed Behaviour)** | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on New Customer 4. Click Home Button Expected Behaviour: Navigate to Manager's Page **Observed Behaviour: lỗi 404** | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Click Home Button Expected Behaviour: Navigate to Manager's Page **Observed Behaviour: lỗi 404** | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Click Home Button Expected Behaviour: Navigate to Manager's Page **Observed Behaviour: lỗi 404** | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on New Account 4. Click Home Button Expected Behaviour: Navigate to Manager's Page **Observed Behaviour: lỗi 404** | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Account 4. Click Home Button Expected Behaviour: Navigate to Manager's Page **Observed Behaviour: lỗi 404** | 1. Open the demo.guru99.com/v2 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Account 4. Click Home Button Expected Behaviour: Navigate to Manager's Page **Observed Behaviour: lỗi 404** |
| **Build found** | v2 | v2 | v2 | v2 | v2 | v2 |
| **Date found** | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Reproducibility** | Always | Always | Always | Always | Always | Always |
| **Keyword** | register | register | register | register | register | register |
| **Resolution** | New | New | New | New | New | New |
| **Status** | **Open** | **Open** | **Open** | **Open** | **Open** | **Open** |
| **Reported by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Reviewed by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | F33.1 | 35.4 | F23.2 | F31.1 | F28.2 | F26.2 |

## Build V3

Bảng .. Bảng Bug 7

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Summary** | User cannot edit customers when user blank the Address field | User cannot edit customers when user enter value contains space at first character in the Address field | User cannot edit customers when user enter value contains special character in the Address field | User cannot edit customers when user enter value contains special character in the City field | User cannot edit customers when user blank the City field | User cannot edit customers when user enter value contains number in the City field |
| **Description** | User cannot edit customers when user blank the Address field but system allow user can edit customer | User cannot edit customers when user enter value contains space at first character in the Address field but system allow user can edit customer | User cannot edit customers when user enter value contains special character in the Address field but system allow user can edit customer | User cannot edit customers when user enter value contains special character in the City field but system allow user can edit customer | User cannot edit customers when user blank the City field but system allow user can edit customer | User cannot edit customers when user enter value contains number in the City field but system allow user can edit customer |
| **Steps to Reproduce (Including Expected Behaviour and Observed Behaviour)** | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Blank the Address field 6. Click "Submit" **Expected Behaviour:** Display a message: "Address Field must not be blank" and The system does not allow users to save Address information **Observed Behaviour:** Display a message: "Address Field must not be blank" but The information in the Address field has been saved successfully | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains a space at first character into Address field 6. Click "Submit" **Expected Behaviour:** Display a message: "First character can not have space" and The system does not allow users to save Address information **Observed Behaviour:** Display a message: "First character can not have space" but The information in the Address field has been saved successfully | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains pecial characters Address field  6. Click "Submit" **Expected Behaviour:** Display a message: "Special characters are not allowed" and The system does not allow users to save Address information **Observed Behaviour:** Display a message: "Special characters are not allowed" but The information in the Address field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains pecial characters City field  6. Click "Submit" **Expected Behaviour:** Display a message: "Special characters are not allowed" and The system does not allow users to save City information **Observed Behaviour:** Display a message: "Special characters are not allowed" but The information in the City field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Blank the City Field  6. Click "Submit" **Expected Behaviour:** Display a message: "City Field must not be blank" and The system does not allow users to save City information **Observed Behaviour:** Display a message: "City Field must not be blank" but The information in the City field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains number into the City field  6. Click "Submit" **Expected Behaviour:** Display a message: "Numbers are not allowed" and The system does not allow users to save City information **Observed Behaviour:** Display a message: "Numbers are not allowed" but The information in the City field has been saved successfully |
| **Build found** | V3 | V3 | V3 | V3 | V3 | V3 |
| **Date found** | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Reproducibility** | Always | Always | Always | Always | Always | Always |
| **Keyword** | register | register | Register | register | register | register |
| **Resolution** | New | New | New | New | New | New |
| **Status** | **Open** | **Open** | **Open** | **Open** | **Open** | **Open** |
| **Reported by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Reviewed by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | T61 | T62 | T63 | T64 | T65 | T66 |

Bảng .. Bảng Bug 8

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **7** | **8** | **9** | **10** | **11** | **12** |
| **Summary** | User cannot edit customers when user enter value contains space at first character in the City field | User cannot edit customers when user enter value contains number in the State field | User cannot edit customers when user blank the State field | User cannot edit customers when user enter value contains special character in the State field | User cannot edit customers when user enter value contains space at first character in the State field | User cannot edit new customers when user enter value contains characters in the PIN field |
| **Description** | User cannot edit customers when user enter value contains space at first character in the City field but system allow user can edit customer | User cannot edit customers when user enter value contains number in the State field but system allow user can edit customer | User cannot edit customers when user blank the State field but but system allow user can edit customer | User cannot edit customers when user enter value contains special character in the State field but system allow user can edit customer | User cannot edit customers when user enter value contains space at first character in the State field but system can edit customer | User cannot edit new customers when user enter value contains characters in the PIN field but system can edit customer |
| **Steps to Reproduce (Including Expected Behaviour and Observed Behaviour)** | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains space at first character into the City field 6. Click "Submit" **Expected Behaviour:** Display a message: "First character can not have space" and The system does not allow users to save City information **Observed Behaviour:** Display a message: "First character can not have space" but The information in the City field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains number into the State field 6. Click "Submit" **Expected Behaviour:** Display a message: "Numbers are not allowed" and The system does not allow users to save State information **Observed Behaviour:** Display a message: "Numbers are not allowed" but The information in the State field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Blank the State field 6. Click "Submit" **Expected Behaviour:** Display a message: "State must not be blank" and The system does not allow users to save State information **Observed Behaviour:** Display a message: "State must not be blank" but The information in the State field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains Special characters into the State field 6. Click "Submit" **Expected Behaviour:** Display a message: "Special characters are not allowed" and The system does not allow users to save State information **Observed Behaviour:** Display a message: "Special characters are not allowed" but The information in the State field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains space at first character into the State field 6. Click "Submit" **Expected Behaviour:** Display a message: "First character can not have space" and The system does not allow users to save State information **Observed Behaviour:** Display a message: "First character can not have space" but The information in the State field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains characters into the PIN field 6. Click "Submit" **Expected Behaviour:** Display a message: "Characters are not allowed" and The system does not allow users to save Pin information **Observed Behaviour:** Display a message: "Characters are not allowed" but The information in the Pin field has been saved successfully |
| **Build found** | V3 | V3 | V3 | V3 | V3 | V3 |
| **Date found** | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Reproducibility** | Always | Always | Always | Always | Always | Always |
| **Keyword** | register | register | register | register | register | register |
| **Resolution** | New | New | New | New | New | New |
| **Status** | **Open** | **Open** | **Open** | **Open** | **Open** | **Open** |
| **Reported by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Reviewed by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | T67 | T68 | T69 | T70 | T70.1 | T71 |

Bảng .. Bảng Bug 9

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **13** | **14** | **15** | **16** | **17** | **18** |
| **Summary** | User cannot edit customers when user blank the PIN field | User cannot edit customers when user enter value contains special character in the PIN field | User canno edit customers when user enter value not equal 6 Digits in the PIN field | User cannot edit customers when user enter value contains space at first character in the PIN field | User cannot edit customers when user blank the PIN field | User cannot edit customers when user enter value contains special character in the Mobile Number field |
| **Description** | User cannot edit customers when user blank the PIN field but system allow user can edit customer | User cannot edit customers when user enter value contains special character in the PIN field but system allow user can edit customer | User canno edit customers when user enter value not equal 6 Digits in the PIN field but system allow user can edit customer | User cannot edit customers when user enter value contains space at first character in the PIN field but system allow user can edit customer | User cannot edit customers when user blank the PIN field but system allow user can edit customer | User cannot edit customers when user enter value contains special character in the Mobile Number field but system allow user can edit customer |
| **Steps to Reproduce (Including Expected Behaviour and Observed Behaviour)** | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Blank the PIN field 6. Click "Submit" **Expected Behaviour:** Display a message: "PIN Code must not be blank" and The system does not allow users to save Pin information **Observed Behaviour:** Display a message: "PIN Code must not be blank" but The information in the Pin field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains Special characters into the PIN field 6. Click "Submit" **Expected Behaviour:** Display a message: "Special characters are not allowed" and The system does not allow users to save Pin information **Observed Behaviour:** Display a message: "Special characters are not allowed" but The information in the Pin field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value less than 6 digits into the PIN field 6. Click "Submit" **Expected Behaviour:** Display a message: "PIN Code must have 6 Digits" and The system does not allow users to save Pin information **Observed Behaviour:** Display a message: "PIN Code must have 6 Digits" but The information in the Pin field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains space at first character into the PIN field 6. Click "Submit" **Expected Behaviour:** Display a message: "First character can not have space" and The system does not allow users to save Pin information **Observed Behaviour:** Display a message: "First character can not have space" but The information in the Pin field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Blank the PIN field 6. Click "Submit" **Expected Behaviour:** Display a message: "PIN Code must not be blank" and The system does not allow users to save Pin information **Observed Behaviour:** Display a message: "PIN Code must not be blank" but The information in the Pin field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains Special character into the Mobile Number field 6. Click "Submit" **Expected Behaviour:** Display a message: "Special characters are not allowed" and The system does not allow users to save Mobile Number information **Observed Behaviour:** Display a message: "Special characters are not allowed" but The information in the Mobile Number field has been saved successfully |
| **Build found** | V3 | V3 | V3 | V3 | V3 | V3 |
| **Date found** | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Reproducibility** | Always | Always | Always | Always | Always | Always |
| **Keyword** | register | register | register | register | register | register |
| **Resolution** | New | New | New | New | New | New |
| **Status** | **Open** | **Open** | **Open** | **Open** | **Open** | **Open** |
| **Reported by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Reviewed by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | T72 | T73 | T74 | T75 | T76 | T77 |

Bảng .. Bảng Bug 10

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **19** | **20** | **21** | **22** | **23** | **24** |
| **Summary** | User cannot edit new customers when user enter value contains characters in the Mobile Number field | User cannot edit customers when user enter value contains space at first character in the Mobile Number field | User cannot edit customers when user blank the Email ID field | User cannot edit customers when user enter invalid value in the Email ID field | User cannot edit customers when user enter value contains space at first character in the Email ID field | No display dialog box saying "Delete account is successfully" when user Delete account with valid Account No |
| **Description** | User cannot edit new customers when user enter value contains characters in the Mobile Number field but system allow user can edit customer | User cannot edit customers when user enter value contains space at first character in the Mobile Number field but system allow user can edit customer | User cannot edit customers when user blank the Email ID field but system allow user can edit customer | User cannot edit customers when user enter invalid value in the Email ID field but system allow user can edit customer | User cannot edit customers when user enter value contains space at first character in the Email ID field but system allow user can edit customer |  |
| **Steps to Reproduce (Including Expected Behaviour and Observed Behaviour)** | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains character into the Mobile Number field 6. Click "Submit" **Expected Behaviour:** Display a message: "Characters are not allowed" and The system does not allow users to save Mobile Number information **Observed Behaviour:** Display a message: "Characters are not allowed" but The information in the Mobile Number field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains space into the Mobile Number field 6. Click "Submit" **Expected Behaviour:** Display a message: "First character can not have space" and The system does not allow users to save Mobile Number information **Observed Behaviour:** Display a message: "First character can not have space" but The information in the Mobile Number field has been saved successfully | 1 Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Blank the Email ID field 6. Click "Submit" **Expected Behaviour:** Display a message: "Email-ID must not be blank" and The system does not allow users to save E-mail ID information **Observed Behaviour:** Display a message: "Email-ID must not be blank" but The information in the E-mail ID field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter invalid value into Email ID field 6. Click "Submit" **Expected Behaviour:** Display a message: "Email-ID is not valid" and The system does not allow users to save E-mail ID information **Observed Behaviour:** Display a message: "Email-ID is not valid" but The information in the E-mail ID field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter value contains space at first character into Email field 6. Click "Submit" **Expected Behaviour:** Display a message: "First character can not have space" and The system does not allow users to save E-mail ID information **Observed Behaviour:** Display a message: "First character can not have space" but The information in the E-mail ID field has been saved successfully | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Delete Account 4. Enter valid value in the Account No field 5. Click Submit **Expected Behaviour:** Display a Dialog: "Delete account is successfully" **Observed Behaviour**: Error 404 |
| **Build found** | V3 | V3 | V3 | V3 | V3 | V3 |
| **Date found** | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Reproducibility** | Always | Always | Always | Always | Always | Always |
| **Keyword** | register | register | register | register | register | register |
| **Resolution** | New | New | New | New | New | New |
| **Status** | **Open** | **Open** | **Open** | **Open** | **Open** | **Open** |
| **Reported by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Reviewed by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | T78 | T79 | T80 | T81 | T82 | F26.1 |

Bảng .. Bảng Bug 11

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **25** | **26** | **27** | **28** | **29** | **30** |
| **Summary** | User cannot access to Edit Account page when the user enters the value Account Number is valid | User can edit costumer when user enter exist email into the Email field | System displays wrong message when user delete custormer successfully | User cannot Edit Customer with valid Gender field | User cannot Edit Customer with valid Customer Name field | User cannot Edit Customer with valid Date of Birth field |
| **Description** |  | User cannot edit costumer when user enter exist email into the Email field but the system allows user edit costumer | System displays wrong message when user delete custormer successfully |  |  |  |
| **Steps to Reproduce (Including Expected Behaviour and Observed Behaviour)** | 1. Open the demo.guru99.com/v3 application  2. Navigate to the login page and enter valid User ID/Password  3. Click on Edit Account 4. Enter invalid value in the Account No field 5. Click Submit **Expected Behaviour:** Navigate to Edit Account page **Observed Behaviour**: Error 404 | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter a exist Email into the Email field 6. Click "Submit" **Expected Behaviour:** Display a message: "Email Address Already Exist !!" and The system does not allow users to save E-mail information **Observed Behaviour:** Display a message: "Email Address Already Exist !!" but The information in the E-mail field has been saved successfully | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Delete Customer 4. Enter valid Customer ID into the Customer ID field 5. Click button Submit Expected Behaviour: Display a dialog: "Delete Customer is successfully" Observed Behaviour: Display a dialog: "Customer does not exists" | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Choose valid Gender into the Edit Customer 6. Click button Submit **Expected Behaviour:** Display a dialog: "Gender has been edited successfully" **Observed Behaviour:** Can't click on Gender field to edit | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter valid Customer Name into the Edit Customer 6. Click button Submit Expected Behaviour: Display a dialog: "Customer Name has been edited successfully" **Observed Behaviour:** Can't click on Customer Name field to edit | 1. Open the demo.guru99.com/v3 application 2. Navigate to the login page and enter valid User ID/Password 3. Click on Edit Customer 4. Enter valid Customer ID in Edit Customer Form 5. Enter valid Date of Birth into the Edit Customer 6. Click button Submit Expected Behaviour: Display a dialog: "Date of Birth has been edited successfully" **Observed Behaviour:** Can't click on Date of Birth field to edit |
| **Build found** | V3 | V3 | V3 | V3 | V3 | V3 |
| **Date found** | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 | 09/08/2023 |
| **Reproducibility** | Always | Always | Always | Always | Always | Always |
| **Keyword** | register | register | register | register | register | register |
| **Resolution** | New | New | New | New | New | New |
| **Status** | **Open** | **Open** | **Open** | **Open** | **Open** | **Open** |
| **Reported by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Reviewed by** | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên | Nguyên |
| **Notes** | F28.1 | F34 | F23.1 | F35.1 | F35.2 | F35.3 |

## Cap màn hình bug

* Bug #1

A screenshot of a contact form

Description automatically generated

Hình .. Bug 1

* Bug #2:

A screenshot of a computer

Description automatically generated

Hình .. Bug 2

#Bug03:

A screenshot of a computer

Description automatically generated

Hình .. Bug 3

* Bug #04

A screenshot of a contact form

Description automatically generated

Hình .. Bug 4

Bug #05

* A screenshot of a computer

  Description automatically generated

Hình .. Bug 5

* Bug #06:

A screenshot of a contact form

Description automatically generated

Hình .. Bug 6

* Bug #07
* A screenshot of a computer

  Description automatically generated

Hình .. Bug 7

* Bug #08

A screenshot of a contact form

Description automatically generated

Hình .. Bug 8

* Bug #09:

A screenshot of a computer

Description automatically generated

Hình .. Bug 9

* Bug #10:

A screenshot of a contact form

Description automatically generated

Hình .. Bug 10

* Bug #11:

A screenshot of a computer

Description automatically generated

Hình .. Bug 11

* Bug #12:

A screenshot of a computer

Description automatically generated

Hình .. Bug 12

* Bug #13:
* A screenshot of a computer

  Description automatically generated

Hình .. Bug 13

* Bug #14:

A screenshot of a computer

Description automatically generated

Hình .. Bug 14

* Bug #15:

A screenshot of a contact form

Description automatically generated

Hình .. Bug 15

* Bug #16:
* A screenshot of a phone

  Description automatically generated

Hình .. Bug 16

* Bug #17:

A screenshot of a contact form

Description automatically generated

Hình .. Bug 17

* Bug #18:

A screenshot of a computer

Description automatically generated

Hình .. Bug 18

* Bug #19:

A screenshot of a computer

Description automatically generated

Hình .. Bug 19

* Bug #20:

A screenshot of a computer

Description automatically generated

Hình .. Bug 20

* Bug #21:

A screenshot of a computer

Description automatically generated

Hình .. Bug 21

* Bug #22:

A screenshot of a computer

Description automatically generated

Hình .. Bug 22

* Bug #23:

A screenshot of a computer

Description automatically generated

Hình .. Bug 23

* Bug #25:

A black screen with white text

Description automatically generated

Hình .. Bug 25

* Bug #27:

A screenshot of a computer

Description automatically generated

Hình .. Bug 27

* Bug #28:

A screenshot of a computer

Description automatically generated

Hình .. Bug 28

* Bug #29:

A screenshot of a computer

Description automatically generated

Hình .. Bug 29

* Bug #30:

A screenshot of a computer

Description automatically generated

Hình .. Bug 30

* Bug #33

A close-up of a computer error

Description automatically generated

Hình .. Bug 33

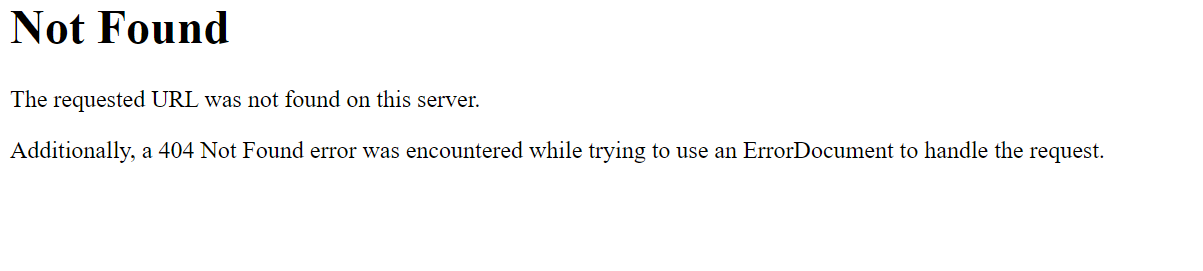
* Bug #24:

A screenshot of a computer

Description automatically generated

Hình .. Bug 24

* Bug #35:



Hình .. Bug 35

* Bug #34:

A black text on a white background

Description automatically generated

Hình .. Bug 34

* Bug #36:

A black text on a white background

Description automatically generated

Hình .. Bug 36

* Bug #31:

A black text on a white background

Description automatically generated

Hình .. Bug 31

* Bug #26:
* A screenshot of a computer

  Description automatically generated

Hình .. Bug 26

* Bug #26:

A screenshot of a phone

Description automatically generated

Hình .. Bug 26

* Bug #29:

A screenshot of a computer

Description automatically generated

Hình .. Bug 29

* Bug #30:
* A screenshot of a computer

  Description automatically generated

Hình .. Bug 30

* Bug #32:
* A close-up of a person's face

  Description automatically generated

Hình .. Bug 32

# KẾT LUẬN

## Build V2

**Team 1**

Bảng .. Thông tin Team của Build V2

|  |  |
| --- | --- |
|  | **Name** |
| * Test Lead | Nguyễn Phúc Nguyên |
| * Tester | Nguyễn Phúc Nguyên |

**Test Case List**

Bảng .. Test Case List của Build V2

|  |  |  |
| --- | --- | --- |
|  | **#** | **%** |
| **Passed** | 56 | 61% |
| **Failed** | 36 | 39% |
| **Total:** | **92** | **100%** |

**Bug Status**

Bảng .. Bug Status của Build V2

|  |  |  |
| --- | --- | --- |
|  | **#** | **%** |
| **Open** | 36 | 100% |
| **Closed as Valid** | 0 | 0% |
| **Closed as Invalid** | 0 | 0% |
| **Total:** | **36** | **100%** |

**Team Static**

Bảng .. Team Static của Build V2

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **# of TCs Created** | **# of TCs Executed** | **# of Bugs found** |
| Nguyễn Phúc Nguyên | 92 | 92 | 36 |

## Build V3

**Team 1**

Bảng .. Thông tin team của Build V3

|  |  |
| --- | --- |
|  | **Name** |
| * Test Lead | Nguyễn Phúc Nguyên |
| * Tester | Nguyễn Phúc Nguyên |

**Test Case List**

Bảng .. Test Case List của Build V3

|  |  |  |
| --- | --- | --- |
|  | **#** | **%** |
| **Passed** | 57 | 66% |
| **Failed** | 30 | 34% |
| **Total:** | **87** | **100%** |

**Bug Status**

Bảng .. Bug Status của Build V3

|  |  |  |
| --- | --- | --- |
|  | **#** | **%** |
| **Open** | 30 | 100% |
| **Closed as Valid** | 0 | 0% |
| **Closed as Invalid** | 0 | 0% |
| **Total:** | **30** | **100%** |

**Team Static**

Bảng .. Team Static của Build V3

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **# of TCs Created** | **# of TCs Executed** | **# of Bugs found** |
| Nguyễn Phúc Nguyên | 87 | 87 | 30 |

# TÀI LIỆU THAM KHẢO

1. Đinh Nguyễn Thúy Nguyệt, Tài liệu Kiểm thử phần mềm, Trường Đại học Tài chính - Marketing, Tài liệu lưu hành nội bộ.

# PHỤ LỤC