**USE CASE SPECIFICATION FOR**

**Gurrantee and Warranty card System**

# Use case No.1

**Use case Name: Create Account**

**Use case Description:** This use case will allow both customers and sellers

to Register themselves with the system for using it.

**Actors involved:c**ustomers

**Frequency usage:** Medium

**Pre-condition:** This is the first task that would be performed by people Interacting with this system. Therefore, it does not Require any pre-condition.

# Basic flow & events

|  |  |
| --- | --- |
| Actor | System |
| 1)Actor hits register button | 2)Display registration form to be filled out |
| 3) Actor has to fill this form. | 4) System saves entered information into database and prompt “your information has been saved successfully." |

**Alternet flow & events**

3.1) System shows error when entered information is not in proper format. 3.2) System will resume at 2.0 in main flow.

4.1) if database connectivity failure occurs then system will show “Database Connectivity error” and will resume at 2.0.

**Post condition:** After successful registration system will bring to login Page.

**Special condition:** the response from database after insertion of

Information must fast enough.

# Use case No.2

**Use case Name: Login**

**Use case Description:** This use case will allow both customers and sellers

to Log into the system.

**Actors involved:** Customers,sellers

# Frequency usage: high

**Pre-condition:** Customers and sellers must be registered before using this use Case.

# Basic flow & events

|  |  |
| --- | --- |
| Actor | System |
| 1)Actor hits login button | 2)System asks for log in credentials |
|  | 3) System verifies entered credentials with the database. After verification Actor logged into the system. |

**Alternet flow & events**

2.1) System shows error when entered information is not in proper format. 3.1) System shows error “invalid credential”, when verification fails and

Resumes at 2.0.

3.2) if database connectivity failure occurs then system will show “Database Connectivity error” and will resume at 2.0.

**Post condition:** After successful login to system.it will bring to

Next page depends upon type of actor.

**Special condition:** the response from database after verification of

Credential must fast enough.

# Use case No.3

**Use case Name:** Create Card

**Use case Description:** This use case will allow sellers

to Register themselves with the system for using it.

**Actors involved:**seller

**Frequency usage:** Medium

**Pre-condition:** Seller must be Logedin.

# Basic flow & events

|  |  |
| --- | --- |
| Actor | System |
| 1)Actor hits register button | 2)Display registration form to be filled out |
| 3) Actor has to fill this form. | 4) System saves entered information into database and prompt “your information has been saved successfully." |

**Alternet flow & events**

3.1) System shows error when entered information is not in proper format. 3.2) System will resume at 2.0 in main flow.

4.1) if database connectivity failure occurs then system will show “Database Connectivity error” and will resume at 2.0.

**Post condition:** After successful creation f carddisplay message of successful created a card.

**Special condition:** the response from database after insertion of

Information must fast enough.

# Use case No.4

**Use case Name:** Update Card

**Use case Description:** This use case will allow sellers

to Register themselves with the system for using it.

**Actors involved:**seller

**Frequency usage:** Medium

**Pre-condition:** Seller must be Logedin.

**Basic flow & events**

|  |  |
| --- | --- |
| Actor | System |
| 1)Actor hits register button | 2)Display registration form to be filled out |
| 3) Actor has to fill this form. | 4) System saves entered information into database and prompt “your information has been saved successfully." |

**Alternet flow & events**

3.1) System shows error when entered information is not in proper format. 3.2) System will resume at 2.0 in main flow.

4.1) if database connectivity failure occurs then system will show “Database Connectivity error” and will resume at 2.0.

**Post condition:** After successful updation of card

**Special condition:** the response from database after insertion of

Information must fast enough.

# Use case No.5

**Use case Name:** View

**Use case Description:** This use case will allow both sellers and customers

to Register themselves with the system for using it.

**Actors involved:**seller,customers

**Frequency usage:** Medium

**Pre-condition:** Seller & customer must be Logedin.

**Basic flow & events**

|  |  |
| --- | --- |
| Actor | System |
| 1)Actor hits register button | 2)Display registration form to be filled out |
| 3) Actor has to fill this form. | 4) System saves entered information into database and prompt “your information has been saved successfully." |

**Alternet flow & events**

3.1) System shows error when entered information is not in proper format. 3.2) System will resume at 2.0 in main flow.

4.1) if database connectivity failure occurs then system will show “Database Connectivity error” and will resume at 2.0.

**Post condition:** After successful Login.seller and customer can view the data.

**Special condition:** the response from database after insertion of

Information must fast enough.

# Use case No.6

**Use case Name:** Request for extension

**Use case Description:** This use case will allow customers

to Register themselves with the system for using it.

**Actors involved:**customers

**Frequency usage:** Medium

**Pre-condition:** customer must be Logedin and have gurantee card.

**Basic flow & events**

|  |  |
| --- | --- |
| Actor | System |
| 1)Actor hits register button | 2)Display registration form to be filled out |
| 3) Actor has to fill this form. | 4) System saves entered information into database and prompt “your information has been saved successfully." |

**Alternet flow & events**

3.1) System shows error when entered information is not in proper format.

3.2) System will resume at 2.0 in main flow.

4.1) if database connectivity failure occurs then system will show “Database Connectivity error” and will resume at 2.0.

**Post condition:** After successful request it will show message that succefuly placed requestt

**Special condition:** the response from database after insertion of

Information must fast enough.

# Use case No.7

**Use case Name:** Pay Money

**Use case Description:** This use case will allow customers

to Register themselves with the system for using it.

**Actors involved:**customers

**Frequency usage:** Medium

**Pre-condition:** customer must be Logedin and have gurantee card and must request for extension of card.

**Basic flow & events**

|  |  |
| --- | --- |
| Actor | System |
| 1)Actor hits register button | 2)Display registration form to be filled out |
| 3) Actor has to fill this form. | 4) System saves entered information into database and prompt “your information has been saved successfully." |

**Alternet flow & events**

3.1) System shows error when entered information is not in proper format.

3.2) System will resume at 2.0 in main flow.

4.1) if database connectivity failure occurs then system will show “Database Connectivity error” and will resume at 2.0.

**Post condition:** After successful transaction it will show message that succefuly placed requestt

**Special condition:** the response from database after insertion of

Information must fast enough.

# Use case No.8

**Use case Name:** Check user request

**Use case Description:** This use case will allow sellers

to Register themselves with the system for using it.

**Actors involved:**sellers

**Frequency usage:** Medium

**Pre-condition:** customer must be requested for extension of card.

**Basic flow & events**

|  |  |
| --- | --- |
| Actor | System |
| 1)Actor hits register button | 2)Display registration form to be filled out |
| 3) Actor has to fill this form. | 4) System saves entered information into database and prompt “your information has been saved successfully." |

**Alternet flow & events**

3.1) System shows error when entered information is not in proper format.

3.2) System will resume at 2.0 in main flow.

4.1) if database connectivity failure occurs then system will show “Database Connectivity error” and will resume at 2.0.

**Post condition:** After successful udation it will show message that successfuly card extended.

**Special condition:** the response from database after insertion of

Information must fast enough.

# Use case No.9

**Use case Name:** Check user authentication

**Use case Description:** This use case will allow sellers

to Register themselves with the system for using it.

**Actors involved:**sellers

**Frequency usage:** Medium

**Pre-condition:** customer must be authenticate.

**Basic flow & events**

|  |  |
| --- | --- |
| Actor | System |
| 1)Actor hits register button | 2)Display registration form to be filled out |
| 3) Actor has to fill this form. | 4) System saves entered information into database and prompt “your information has been saved successfully." |

**Alternet flow & events**

3.1) System shows error when entered information is not in proper format.

3.2) System will resume at 2.0 in main flow.

4.1) if database connectivity failure occurs then system will show “Database Connectivity error” and will resume at 2.0.

**Post condition:** Accept request

**Special condition:** the response from database after insertion of

Information must fast enough.

# Use case No.10

**Use case Name:** Maintain Database

**Use case Description:** This use case will allow admin

to Register themselves with the system for using it.

**Actors involved:**admin

**Frequency usage:** Medium

**Pre-condition:** Nothing

**Basic flow & events**

# Nothing.

**Alternet flow & events**

3.1) System shows error when entered information is not in proper format.

3.2) System will resume at 2.0 in main flow.

4.1) if database connectivity failure occurs then system will show “Database Connectivity error” and will resume at 2.0.

**Special condition:** the response from database after insertion of

Information must fast enough.