Contents

[Use cases 3](#_Toc384547710)

[1 Creating Employee Account 3](#_Toc384547711)

[1.1 Description 3](#_Toc384547712)

[1.1 Flow diagram 4](#_Toc384547713)

[1.1 Base Flow 5](#_Toc384547714)

[1.2 Alternative Flow 1 5](#_Toc384547715)

[1.3 Alternative Flow 2 5](#_Toc384547716)

[2 Creating Customer Accounts 6](#_Toc384547717)

[2.1 Description 6](#_Toc384547718)

[2.2 Flow diagram 7](#_Toc384547719)

[2.3 Base Flow 8](#_Toc384547720)

[2.4 Alternative Flow 1 8](#_Toc384547721)

[2.5 Alternative Flow 2 8](#_Toc384547722)

[3 Review Service Instance 9](#_Toc384547723)

[3.1 Description 9](#_Toc384547724)

[3.2 Flow diagram 9](#_Toc384547725)

[3.3 Base Flow 9](#_Toc384547726)

[4 Review Service Order 10](#_Toc384547727)

[4.1 Description 10](#_Toc384547728)

[4.2 Flow diagram 10](#_Toc384547729)

[4.3 Base Flow 10](#_Toc384547730)

[5 Creating New Router in System 11](#_Toc384547731)

[5.1 Description 11](#_Toc384547732)

[5.2 Flow diagram 11](#_Toc384547733)

[5.3 Base Flow 11](#_Toc384547734)

[5.4 Alternative Flow 11](#_Toc384547735)

[6 Creating New Circuit in System 12](#_Toc384547736)

[6.1 Description 12](#_Toc384547737)

[6.2 Flow diagram 12](#_Toc384547738)

[6.3 Base Flow 12](#_Toc384547739)

[6.4 Alternative Flow 12](#_Toc384547740)

[7 Removing the Circuit in System 13](#_Toc384547741)

[7.1 Description 13](#_Toc384547742)

[7.2 Flow diagram 13](#_Toc384547743)

[7.3 Base Flow 13](#_Toc384547744)

[7.4 Alternative Flow 13](#_Toc384547745)

[8 Bill Sending 14](#_Toc384547746)

[8.1 Description 14](#_Toc384547747)

[8.2 Flow diagram 14](#_Toc384547748)

[8.3 Base Flow 14](#_Toc384547749)

[8.4 Alternative Flow 14](#_Toc384547750)

[9 Creating Service Order 15](#_Toc384547751)

[9.1 Description 15](#_Toc384547752)

[9.2 Flow diagram 16](#_Toc384547753)

[9.3 Base Flow 17](#_Toc384547754)

[9.4 Alternative Flow 1 17](#_Toc384547755)

[9.5 Alternative Flow 2 17](#_Toc384547756)

[9.6 Alternative Flow 3 18](#_Toc384547757)

Use cases

# Creating Employee Account

## Description

|  |  |
| --- | --- |
| Use Case ID | WIND.UC.001 |
| Use Case Name | Creating Employee Account |
| Description | Administrator create Employee Account |
| Activate | Administrator has initiated the process of creation employee account. |
| Pre-conditions | ─ |
| Post-conditions | Employee Accounts is created and Employee is Registered |

## Flow diagram



Figure 1─ Creating Customer Account Flow Diagram

## Base Flow

| Step # | Actor | Action | Description |
| --- | --- | --- | --- |
| 1 | Administrator | Initiate Employee Account Creation | Administrator initiates Employee Account creation. |
| 2 | System | Display The Employee Account Creation Window | System displays the Employee Account creation window. |
| 3 | Administrator | Choose Group Of Employees | Administrator chooses group of employees |
| 4 | Administrator | Input Information About Employee | Administrator inputs information about employee |
| 5 | Administrator | Initiate Saving Data | Administrator initiates saving data |
| 6 | System | Validates Fields | System validates fields to correctly entry |
| 7.1 7.2 | System | Perform a Employee Duplication Check | System performs a Employee duplication check |
| 8 | System | Save Employee Account & Register Employee As Employee From Chosen Group | System saves Employee Account & System registers Employee as employee from chosen group |

## Alternative Flow 1

| Step# | Actor | Action | Description |
| --- | --- | --- | --- |
|  | System |  | Entry Point:  Step #6 of the Base Flow: Validates Fields |
| 1 | System | Highlights Parameters | System highlights parameters with incorrect inputting and parameters which are necessary to be filled in |
|  |  |  | Join:  Step #4 of the Base Flow: Input Information About Employee |

## Alternative Flow 2

| Step# | Actor | Action | Description |
| --- | --- | --- | --- |
|  |  |  | Entry Point:  Step #6 Perform a User Duplication Check |
| 1 | System | Displays Information About Incorrect Data | System displays information about incorrect data (existence of the same employee) |
|  |  |  | Join:  Step #4 of the Base Flow: Input Information About Employee |

# Creating Customer Accounts

## Description

|  |  |
| --- | --- |
| Use Case ID | WIND.UC.002 |
| Use Case Name | Creating Customer Account |
| Description | Describes the process of Customer registration and Customer Account creation |
| Activate | User has initiated the process of registration and creation account. |
| Pre-conditions | Unregistered User |
| Post-conditions | Customer Account is created and Registered User as Customer |

## Flow diagram



Figure 2─ Creating Customer Account Flow Diagram

## Base Flow

| Step # | Actor | Action | Description |
| --- | --- | --- | --- |
| 1 | User | Presses Registration Button | Unregistered User presses registration button. |
| 2 | System | Display Customer Registration Window | System displays the Customer registration window |
| 3 | User | Inputs Information | User inputs information about itself |
| 4 | User | Initiate Saving Data | User initiates saving data |
| 5 | System | Validates Fields | System validates fields to correctly entry |
| 6 | System | Perform a User Duplication Check | System performs a User duplication check |
| 7.1 7.2 | System | Save Customer Account& Registers User As Customer | System saves Customer Account & System registers User as Customer |

## Alternative Flow 1

| Step# | Actor | Action | Description |
| --- | --- | --- | --- |
|  |  |  | Entry Point:  Step #5 of the Base Flow: Validates Fields |
| 1 | System | Highlights Parameters | System highlights parameters with incorrect inputting and parameters which are necessary to be filled in |
|  |  |  | Join:  Step #3 of the Base Flow: Inputs Information |

## Alternative Flow 2

| Step# | Actor | Action | Description |
| --- | --- | --- | --- |
|  |  |  | Entry Point:  Step #6 Perform a User Duplication Check |
| 1 | System | Displays Information About Incorrect Data | System displays information about incorrect data (existence of the same) |
|  |  |  | Join:  Step #3 of the Base Flow: Inputs Information |

# Review Service Instance

## Description

## Flow diagram



## Base Flow

# Review Service Order

## Description

## Flow diagram



## Base Flow

# Creating New Router in System

## Description

## Flow diagram



## Base Flow

## Alternative Flow

# Creating New Circuit in System

## Description

## Flow diagram



## Base Flow

## Alternative Flow

# Removing the Circuit in System

## Description

## Flow diagram



## Base Flow

## Alternative Flow

# Bill Sending

## Description

## Flow diagram



## Base Flow

## Alternative Flow

# Creating Service Order

## Description

|  |  |
| --- | --- |
| Use Case ID | WIND.UC.009 |
| Use Case Name | Creating Service Order |
| Description | Describes the process of Customer Service Order |
| Activate | User has initiated the process of creation account Service Order. |
| Pre-conditions | ─ |
| Post-conditions | Service Order is created |

## Flow diagram



Figure 3─ Creating Customer Account Flow Diagram

## Base Flow

| Step # | Actor | Action | Description |
| --- | --- | --- | --- |
| 1 | User | Initiates Service Order | User initiates Service Order |
| 2 | System | Displays The Service Order Window In Entry Mode | System displays the Service Order window in entry mode |
| 3 | User | Chooses Service Location | User chooses his/her desired Service Location |
| 4 | System | Indicate Service Location On Map | System indicates Service Location on map |
| 5.1 5.2 | System | * Display List Of Possible Services * Display Service Price Defined In The Product Catalog. | * System display list of possible services on a page. * System display Service Price defined for this service in the Product Catalog. |
| 6 | User | Initiates Saving Server Order | User initiates saving Server Order |
| 7 | System | Validate If All Parameters Is Correctly Entered | System validates if all parameters is correctly entered |
| 8 | System | Check The User Registration | System checks the User registration |
| 9 | System | Perform A Server Order Duplication Check | System performs a Server Order duplication check |
| 10 | System | Save Customer Service Order | System saves Customer Service Order |

## Alternative Flow 1

| Step# | Actor | Action | Description |
| --- | --- | --- | --- |
|  | System |  | Entry Point:  Step #7 of the Base Flow: Validate If All Parameters Is Correctly Entered |
| 1 | System | Highlights Parameters | System highlights parameters with incorrect inputting and parameters which are necessary to be filled in |
|  |  |  | Join:  Step #3 of the Base Flow: Chooses Service Location |

## Alternative Flow 2

| Step# | Actor | Action | Description |
| --- | --- | --- | --- |
|  | System |  | Entry Point:  Step #8 of the Base Flow: Check The User Registration |
| 1 |  |  | WIND.US.002 Creating Customer Accounts |
|  |  |  | Join:  Step #9 of the Base Flow: Perform A Server Order Duplication Check |

## Alternative Flow 3

| Step# | Actor | Action | Description |
| --- | --- | --- | --- |
|  |  |  | Entry Point:  Step # 9of the Base Flow: Perform A Server Order Duplication Check |
| 1 | System | Display Information About Incorrect Data | System displays information about incorrect data (existence of the same Order Service) |
|  |  |  | Join:  Step #3 of the Base Flow: Chooses Service Location |