# Overview

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| **User Story** | **Priority** |
| 1. List of Forwarder - Factory | 6 |
| 1. Adding Forwarder - Factory | 3 |
| 1. Adding Contact - Factory | 6 |
| 1. Update/Delete Forwarder - Factory | 4 |
| 1. Mockup of Main Layout | 1 |
| 1. List of Forwarder - Zone | 5 |
| 1. Adding Forwarder – Zone | 3 |
| 1. Adding Contact – Zone | 6 |
| 1. Update/Delete Forwarder -Zone | 4 |
| 1. Mockup of Main Layout | 1 |
| 1. List of Forwarder – Agent | 5 |
| 1. Adding Forwarder – Agent | 3 |
| 1. Adding Contact – Agent | 6 |
| 1. Update/Delete Forwarder - Agent | 4 |
| 1. Mockup of Main Layout | 3 |

* *Priority: descending from 10 -> 1*

# List of Forwarder – Factory View

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| **Theme** | | Admin | |
| **Epic** | | Forwarder | |
| **Story Title:** | | Forwarder – Forwarder List | |
| **Story ID:** | | AD01 | |
| **Scenario:** | | As a <Factory>, I can <View all Forwarder> so that   * < see all information of each Forwarder > * <Search Forwarder> | |
| **Estimation**: 1 Points | | | **Priority**: 10 |
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| **Conditions of satisfaction**: | | |
| * See all information of each Forwarder from Factory to Agent * Search Forwarder | | |

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| **Example:** |
| * Data table format  |  |  | | --- | --- | | **FORWARDER (1)** | **CONTACT (2)** | |

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| **Business Rules:**   |  |  |  | | --- | --- | --- | | **Column** | **Name** | **Meaning** | | (1) | Select Columns | * Allows to hide or show columns | | (2) | Search | * Have data search function | | (3) | Create | * The function Create Forwarder | | (4) | Select Option | * Function select the number of data in 1 page | | (5) | Code | * Show code of Forwarder | | (6) | Name | * Show name of Forwarder | | (7) | Zone | * Show name of Zone , when Zone create Forwarder | | (8) | Agent | * Show Name of Agent, when Zone create Forwarder | | (9) | Contact | * Show contact of the Forwarder Name, Address, Telephone, Country, Province, Zip Code, Email | | (10) | Sort data Contact | * Sort data in ascending order or descending | | (11) | Filter | * Have a search function according to each data | | (12) | Paging | * Next: Next Page * Previous: Previous Page * First: go to top of Page * Last: last page of Page | | (13) | Paging Information | * Show the number of Forwarder 1 page | |

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| **Impacts on Existing Functions / Documentation / Architecture / Constraints:** |
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| Mock-up: |

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| Test cases Outlines: |
| 1. Test UI  * Show screen initialization * The item on the screen is the right position and the Default value is compared with the design * Paging function Information * Have the Next/Previous button * Have the First/Last button  1. Test Data Grid  * Have the Create button * Have made to open a specific page when opening the Default sort * Label of each field should be standardized * There is space between every column * All fields as text box should be in the same line * Check the sort function after doing add/edit/delete record * When Click on the text input, the arrow of the mouse should move to the apostrophes * The line of text should be aligned in line on the left side * The page must have title * User can filter the results using the parameters on the website * Search function should load all Forwarder according to User’s filter criteria  1. Show Data grid and Paging  * Data Grid can only show a maximum of 10 records, if more than 10 records then show vertical scroll   + - Search with no data (0 record) = > data grid shows only the header and does not show vertical scroll     - Search has 1 record = > data grid header and display 1 line record, the columns correspond to field in the DB and does not show vertical scroll     - Search 10 records = > data grid to show header and 10dòng and does not show vertical scroll   + Data Grid can only show a maximum of 20 records, if more than 20 records, then show paging     - Search with no data (0 record) = > data grid shows only the header, Next and Previous button disable     - Search has 1 record = > data grid header and display 1 line record, the columns correspond to field in the DB, the Previous and Next button disable     - Search 20 records = > display 20 lines header and data grid, button Previous and Next disable   4. Search   * Click on Search   + Enter the Forwarder should seek   + Show Forwarder was looking   + Enter Contact need to search   + Show Contact sought   5. Filter   * + Search by each Filter box     - Click on the box with Filter of the Forwarder     - Enter the Forwarder want to search     - Show the search data     - Enter the Forwarder is not in the list     - Do not show data     - Click Filter by Contact     - Enter data to find     - Show the data search by contact     - Enter the Contact is not in the list     - Do not show data   + Search by 2 the box Filter     - Enter the Forwarder in the box Filter, enter Contact the box Filter     - Show data as search engines     - Enter the Forwarder into the Filter, enter the Contact is not in the list of the box Filter     - Do not show data     - Enter the Forwarder is not in the list of the box Filter, enter the Contact in the list box Filter     - Do not show data     - Enter the Forwarder is not in the list of the box Filter, enter the Contact is not in the list of the box Filter     - Do not show data   6. Sort Data   * + - Click Sort Forwarder     - Sort from large to small       * The data shown in order from Z-A     - Sort of small to large data       * The data shown in order from A-Z     - Click Sort Shipment Type     - Sort from large to small       * The data shown in order from Z-A     - Sort of small to large data       * The data shown in order from A-Z |

# Adding Forwarder – Factory

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| **Theme** | | Admin | |
| **Epic** | | Forwarder | |
| **Story Title:** | | Forwarder – Adding Forwarder | |
| **Story ID:** | | AD02 | |
| **Scenario:** | | As a <Factory>, I can <Create Forwarder > so that<Save Forwarder > | |
| **Estimation**: 1 Points | | | **Priority**: 9 |
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| **Conditions of satisfaction**: | | |
| * Create and save Forwarder | | |

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| Example: |
| * Form format   **Forwarder (1)**  **Contact (2)**  Add/Update (3)  Refresh (4) |

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| **Business Rules:**   |  |  |  | | --- | --- | --- | | **Column** | **Name** | **Meaning** | | (1) | Forwarder | * Enter the name of the Forwarder | | (2) | Contact | * Click Add Contact data entry, Contact show | | (3) | Add Update | * The Add/Update button used to store data | | (4) | Refresh | * The Refresh button is used to delete data entered in the Forwarder | |

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| **Impacts on Existing Functions / Documentation / Architecture / Constraints:** |
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| Mock-up: |
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| Test cases Outlines: |
| 1. Test UI            Show Popup   * + The item on the screen is the right position and the Default value is compared with the design            There are fields to enter text of the Forwarder           Have a field to enter the text of the Contact           Have the add contact button           Have the button Add/Update   * + Have Refresh button  1. Testing Data Grid    * All required fields must be validate and must be indicated by an asterisk \*    * The dropdown field should have the value entered first is blank or the text as ' Select '    * The input field should check the maximum value. The entered value is greater than maximum value will not be accepted or not saved into the database    * Check the handle when you enter a value into the text field. Should show reasonable validate message out    * Check the operation of the button Add/Update, Refresh Button    * Disable fields should be topical and user cannot click the cursor into the schools    * When click on the text input field, the arrow marks of the mouse should be transferred to apostrophes |
| 6. Test behaviour           Enter data    Click on the Create    Enter the name on the Forwarder    On the create virtual Contact data Database           Add/Update    After entering the data click on Add/Update    Data stored           Refresh    Enter the name on the Forwarder    Hit Refresh to clear the name just entered (when not pressing the Add/Update) |

# Adding Contact - Factory

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| **Theme** | | Admin | |
| **Epic** | | Forwarder | |
| **Story Title:** | | Forwarder – Forwarder Adding contact | |
| **Story ID:** | | AD03 | |
| **Scenario:** | | As a <Factory>, I can <Create Contact each Forwarder> so that< saves the contact of each Forwarder> | |
| **Estimation**: 1 Points | | | **Priority**: 8 |
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| **Conditions of satisfaction**: | | |
| * Save Contact of Forwarder: Name, Address, City, Telephone number, Country, Province, Zip code, Email | | |

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| **Example:** |
| * Form format   Name  Address1  Address2  Address3  City Province    Zip Code Country  Telephone Email    Notes      Refresh  Save |

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| **Business Rules:**   |  |  |  | | --- | --- | --- | | **Column** | **Name** | **Meaning** | | (1) | Name | * Enter the name | | (2) | Address 1 | * Enter address | | (3) | Address 2 | * Enter the other address (if available) | | (4) | Address 3 | * Enter the other address (if available) | | (5) | City | * Enter City | | (6) | Zip Code | * Enter Zip Code | | (7) | Telephone | * Enter your phone number | | (8) | Province | * Enter a Province (if applicable) | | (9) | Country | * Enter Country | | (10) | Email | * Enter the Email address | | (11) | Notes | * Enter a note (if desired) | | (12) | Save | * Click save to save the data | | (13) | Refresh | * Press Refresh to clear the data just entered (when not yet hit the Save button) | | (14) | Contact Type | * System will automatically add the value “Forwarder” | |

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| **Impacts on Existing Functions / Documentation / Architecture / Constraints:** |
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| Mock-up: |
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| Test cases Outlines: |
| * Test UI   + Show Popup   + The item on the screen is the right position and the Default value is compared with the design * Testing Data Grid   + - All required fields must be validate and must be indicated by an asterisk \*     - The dropdown field should have the value entered first is blank or the text as ' Select '     - The input field should check the maximum value. The entered value is greater than maximum value will not be accepted or not saved into the database     - Check the handle when you enter a value into the text field. Should show reasonable validate message out     - Check the operation of the button Add/Update, Refresh Button     - Disable fields should be topical and user cannot click the cursor into the schools     - When click on the text input field, the arrow marks of the mouse should be transferred to apostrophes     - Check all schools enter with special characters |
| 7. Test Business           Full data entry    Click on the Create    Enter data into the Name    Enter data into the Address    Enter data into the Address 2 (if available)    Enter data into the Address 3 (if available)    Enter the name of the City    Enter the name of the Province    Enter the name of the Country    Enter Zip Code    Enter Your Telephone    Enter The Email    Enter a Note (if desired)           Save    The data is saved to the Contact           Refresh    Click Refresh to delete data entered (when not click Save)           Not enough data    Name: data           Enter data into the Name           Press Save           Data stored           Enter data into the Name           Enter data into the Address 1           Enter data into the Telephone           Enter data into the Country           Press Save           Data stored    Name: no data    Empty Name    Enter data into: Address 1, Address 2, Address 3, City, Country, zip code, Telephone, Email, Note    Save: Disable |

# Updating/Deleting Forwarder - Factory

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| **Theme** | | Admin | |
| **Epic** | | Forwarder | |
| **Story Title:** | | Forwarder – Forwarder Edit - Delete | |
| **Story ID:** | | AD04 | |
| **Scenario:** | | As a <Factory>, I can <Edit and Delete Forwarder> so that   * < data changes by each Forwarder > * < change the information of each Contact > * < Delete each Forwarder > | |
| **Estimation**: 1 Points | | | **Priority**: 7 |
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| **Conditions of satisfaction**: | | |
|          Edit data of each Forwarder and saved after the when Edit           Edit contact information and saved after edit   * Delete are each Forwarder | | |

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| **Example:** |
| * Data Table format      |  |  |  | | --- | --- | --- | | **FORWARDER** | **CONTACT** | **ACSTIONS** |      * Form format   **Forwarder**      **Edit Contact**  **Contact**  **Add/Update** |

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| **Business Rules:**   |  |  |  | | --- | --- | --- | | (1) | Edit | * Click Edit to change the data of each Forwarder * Change the data of each Contact | | (2) | Delete | * Press the Delete key to delete each Forwarder | |

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| **Impacts on Existing Functions / Documentation / Architecture / Constraints:** |
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| Mock-up: |

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| Test cases Outlines: |
| 1. Test UI            Show screen initialization   * + The item on the screen is the right position and the Default value is compared with the design  1. Test Data Grid  * The line tool tip text must be meaningful * The deletion of any record within the page should show the message asking to confirm there really wanted to delete or not |
| 1. Test Business            Edit Forwarder    Click on the Forwarder    Click Edit a Forwarder    Show the Edit Popup    Change the name of the Forwarder    Change Contact    Click The Add/Update    Data changes are saved           Edit Contact    Click Edit 1 data Forwarder    Click Edit Contact    Change your data: Name, Address, City, Country, Province, Telephone, Zip Code, Email    Press Save    Data changes are saved           Delete Forwarder    Click on the Forwarder    Press Delete 1 Forwarder    Forwarder to be deleted |

# Mockup of Main Layout

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| Mock-up: |

# List of Forwarder - Zone

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| **Theme** | | Admin | |
| **Epic** | | Forwarder | |
| **Story Title:** | | Forwarder – Forwarder List | |
| **Story ID:** | | AD01 | |
| **Scenario:** | | As a <Zone>, I can <View all Forwarder> so that   * < see all information of each Forwarder in that Zone > * <Search Forwarder> | |
| **Estimation**: 1 Points | | | **Priority**: 10 |
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| **Conditions of satisfaction**: | | |
| * see all information of each Forwarder in that Zone * Search Forwarder | | |

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| **Example:** |
| * Data table format  |  |  | | --- | --- | | **FORWARDER (1)** | **CONTACT (2)** | |

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| **Business Rules:**   |  |  |  | | --- | --- | --- | | **Column** | **Name** | **Meaning** | | (1) | Select Columns | * Allows to hide or show the columns | | (2) | Search | * Have data search function | | (3) | Create | * The function Create Forwarder | | (4) | Select Option | * Function select the number of data in 1 page | | (5) | Code | * Show code of Forwarder | | (6) | Name | * Show name of Forwarder | | (7) | Zone | * Show name of Zone , when Zone create Forwarder | | (8) | Agent | * Show Name of Agent, when Zone create Forwarder | | (9) | Contact | * Show contact of the Forwarder Name, Address, Telephone, Country, Province, Zip Code, Email | | (10) | Sort data Contact | * Sort data in ascending order or descending | | (11) | Filter | * Have a search function according to each data | | (12) | Paging | * Next: Next Page * Previous: Previous Page * First: go to top of Page * Last: last page of Page | | (13) | Paging Information | * Show the number of Forwarder 1 page | |

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| **Impacts on Existing Functions / Documentation / Architecture / Constraints:** |
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| Mock-up: |

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| Test cases Outlines: |
| 1. Test UI  * Show screen initialization * The item on the screen is the right position and the Default value is compared with the design * Paging function Information * Have the Next/Previous button * Have the First/Last button  1. Test Data Grid  * Have the Create button * Have made to open a specific page when opening the Default sort * Label of each field should be standardized * There is space between every column * All fields as text box should be in the same line * Check the sort function after doing add/edit/delete record * When Click on the text input, the arrow of the mouse should move to the apostrophes * The line of text should be aligned in line on the left side * The page must have title * User can filter the results using the parameters on the website * Search function should load all Forwarder according to User’s filter criteria  1. Show Data grid and Paging  * Data Grid can only show a maximum of 10 records, if more than 10 records then show vertical scroll   + - Search with no data (0 record) = > data grid shows only the header and does not show vertical scroll     - Search has 1 record = > data grid header and display 1 line record, the columns correspond to field in the DB and does not show vertical scroll     - Search 10 records = > data grid to show header and 10dòng and does not show vertical scroll   + Data Grid can only show a maximum of 20 records, if more than 20 records, then show paging     - Search with no data (0 record) = > data grid shows only the header, Next and Previous button disable     - Search has 1 record = > data grid header and display 1 line record, the columns correspond to field in the DB, the Previous and Next button disable     - Search 20 records = > display 20 lines header and data grid, button Previous and Next disable   4. Search   * Click on Search   + Enter the Forwarder should seek   + Show Forwarder was looking   + Enter Contact need to search   + Show Contact sought   5. Filter   * + Search by each Filter box     - Click on the box with Filter of the Forwarder     - Enter the Forwarder want to search     - Show the search data     - Enter the Forwarder is not in the list     - Do not show data     - Click Filter by Contact     - Enter data to find     - Show the data search by contact     - Enter the Contact is not in the list     - Do not show data   + Search by 2 the box Filter     - Enter the Forwarder in the box Filter, enter Contact the box Filter     - Show data as search engines     - Enter the Forwarder into the Filter, enter the Contact is not in the list of the box Filter     - Do not show data     - Enter the Forwarder is not in the list of the box Filter, enter the Contact in the list box Filter     - Do not show data     - Enter the Forwarder is not in the list of the box Filter, enter the Contact is not in the list of the box Filter     - Do not show data   6. Sort Data   * + - Click Sort Forwarder     - Sort from large to small       * The data shown in order from Z-A     - Sort of small to large data       * The data shown in order from A-Z     - Click Sort Shipment Type     - Sort from large to small       * The data shown in order from Z-A     - Sort of small to large data       * The data shown in order from A-Z |

# Adding Forwarder - Zone

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| **Theme** | | Admin | |
| **Epic** | | Forwarder | |
| **Story Title:** | | Forwarder – Adding Forwarder | |
| **Story ID:** | | AD02 | |
| **Scenario:** | | As a <Zone>, I can <Create Forwarder > so that<Save Forwarder > | |
| **Estimation**: 1 Points | | | **Priority**: 9 |
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| **Conditions of satisfaction**: | | |
| * Create and save Forwarder | | |

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| Example: |
| * Form format   **Forwarder (1)**  **Contact (2)**  Add/Update (3)  Refresh (4) |

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| **Business Rules:**   |  |  |  | | --- | --- | --- | | **Column** | **Name** | **Meaning** | | (1) | Forwarder | * Enter the name of the Forwarder | | (2) | Contact | * Click Add Contact data entry, Contact show | | (3) | Add Update | * The Add/Update button used to store data | | (4) | Refresh | * The Refresh button is used to delete data entered in the Forwarder | |

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| **Impacts on Existing Functions / Documentation / Architecture / Constraints:** |
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| Mock-up: |
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| Test cases Outlines: |
| 1. Test UI            Show Popup   * + The item on the screen is the right position and the Default value is compared with the design            There are fields to enter text of the Forwarder           Have a field to enter the text of the Contact           Have the add contact button           Have the button Add/Update   * + Have Refresh button  1. Testing Data Grid    * All required fields must be validate and must be indicated by an asterisk \*    * The dropdown field should have the value entered first is blank or the text as ' Select '    * The input field should check the maximum value. The entered value is greater than maximum value will not be accepted or not saved into the database    * Check the handle when you enter a value into the text field. Should show reasonable validate message out    * Check the operation of the button Add/Update, Refresh Button    * Disable fields should be topical and user cannot click the cursor into the schools    * When click on the text input field, the arrow marks of the mouse should be transferred to apostrophes |
| 6. Test behaviour           Enter data    Click on the Create    Enter the name on the Forwarder    On the create virtual Contact data Database           Add/Update    After entering the data click on Add/Update    Data stored           Refresh    Enter the name on the Forwarder    Hit Refresh to clear the name just entered (when not pressing the Add/Update) |

# Adding Contact - Zone

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| **Theme** | | Admin | |
| **Epic** | | Forwarder | |
| **Story Title:** | | Forwarder – Forwarder Adding contact | |
| **Story ID:** | | AD03 | |
| **Scenario:** | | As a <Zone>, I can <Create Contact each Forwarder> so that< saves the contact of each Forwarder> | |
| **Estimation**: 1 Points | | | **Priority**: 8 |
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| **Conditions of satisfaction**: | | |
| * Save Contact of Forwarder: Name, Address, City, Telephone number, Country, Province, Zip code, Email | | |

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| **Example:** |
| * Form format   Name  Address1  Address2  Address3  City Province    Zip Code Country  Telephone Email    Notes    Refresh  Save |

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| **Business Rules:**   |  |  |  | | --- | --- | --- | | **Column** | **Name** | **Meaning** | | (1) | Name | * Enter the name | | (2) | Address 1 | * Enter address | | (3) | Address 2 | * Enter the other address (if available) | | (4) | Address 3 | * Enter the other address (if available) | | (5) | City | * Enter City | | (6) | Zip Code | * Enter Zip Code | | (7) | Telephone | * Enter your phone number | | (8) | Province | * Enter a Province (if applicable) | | (9) | Country | * Enter Country | | (10) | Email | * Enter the Email address | | (11) | Notes | * Enter a note (if desired) | | (12) | Save | * Click save to save the data | | (13) | Refresh | * Press Refresh to clear the data just entered (when not yet hit the Save button) | | (14) | Contact Type | * System will automatically add the value “Forwarder” | |

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| **Impacts on Existing Functions / Documentation / Architecture / Constraints:** |
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| Mock-up: |
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| Test cases Outlines: |
| * Test UI   + Show Popup   + The item on the screen is the right position and the Default value is compared with the design * Testing Data Grid   + - All required fields must be validate and must be indicated by an asterisk \*     - The dropdown field should have the value entered first is blank or the text as ' Select '     - The input field should check the maximum value. The entered value is greater than maximum value will not be accepted or not saved into the database     - Check the handle when you enter a value into the text field. Should show reasonable validate message out     - Check the operation of the button Add/Update, Refresh Button     - Disable fields should be topical and user cannot click the cursor into the schools     - When click on the text input field, the arrow marks of the mouse should be transferred to apostrophes     - Check all schools enter with special characters |
| 7. Test Business           Full data entry    Click on the Create    Enter data into the Name    Enter data into the Address    Enter data into the Address 2 (if available)    Enter data into the Address 3 (if available)    Enter the name of the City    Enter the name of the Province    Enter the name of the Country    Enter Zip Code    Enter Your Telephone    Enter The Email    Enter a Note (if desired)           Save    The data is saved to the Contact           Refresh    Click Refresh to delete data entered (when not click Save)           Not enough data    Name: data           Enter data into the Name           Press Save           Data stored           Enter data into the Name           Enter data into the Address 1           Enter data into the Telephone           Enter data into the Country           Press Save           Data stored    Name: no data    Empty Name    Enter data into: Address 1, Address 2, Address 3, City, Country, zip code, Telephone, Email, Note    Save: Disable |

# Updating/Deleting Forwarder - Zone

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| --- | --- | --- | --- |
| **Theme** | | Admin | |
| **Epic** | | Forwarder | |
| **Story Title:** | | Forwarder – Forwarder Edit - Delete | |
| **Story ID:** | | AD04 | |
| **Scenario:** | | As a <Zone>, I can <Edit and Delete Forwarder> so that   * < data changes by each Forwarder > * < change the information of each Contact > * < Delete each Forwarder > | |
| **Estimation**: 1 Points | | | **Priority**: 7 |
|  | | |  |
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| **Conditions of satisfaction**: | | |
|          Edit data of each Forwarder and saved after the when Edit           Edit contact information and saved after edit   * Delete are each Forwarder | | |

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| **Example:** |
| * Data Table format      |  |  |  | | --- | --- | --- | | **FORWARDER** | **CONTACT** | **ACSTIONS** |      * Form format   **Forwarder**      **Edit Contact**  **Contact**  **Add/Update** |

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| **Business Rules:**   |  |  |  | | --- | --- | --- | | (1) | Edit | * Click Edit to change the data of each Forwarder * Change the data of each Contact | | (2) | Delete | * Press the Delete key to delete each Forwarder | |

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| **Impacts on Existing Functions / Documentation / Architecture / Constraints:** |
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| Mock-up: |

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| Test cases Outlines: |
| 1. Test UI            Show screen initialization   * + The item on the screen is the right position and the Default value is compared with the design  1. Test Data Grid  * The line tool tip text must be meaningful * The deletion of any record within the page should show the message asking to confirm there really wanted to delete or not |
| 1. Test Business            Edit Forwarder    Click on the Forwarder    Click Edit a Forwarder    Show the Edit Popup    Change the name of the Forwarder    Change Contact    Click The Add/Update    Data changes are saved           Edit Contact    Click Edit 1 data Forwarder    Click Edit Contact    Change your data: Name, Address, City, Country, Province, Telephone, Zip Code, Email    Press Save    Data changes are saved           Delete Forwarder    Click on the Forwarder    Press Delete 1 Forwarder    Forwarder to be deleted |

# Mockup of Main Layout

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| Mock-up: |

# List of Forwarder - Agent

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| **Theme** | | Admin | |
| **Epic** | | Forwarder | |
| **Story Title:** | | Forwarder – Forwarder List | |
| **Story ID:** | | AD01 | |
| **Scenario:** | | As a <Agent>, I can <View all Forwarder> so that   * < see all information of each Forwarder in that Agent> * <Search Forwarder> | |
| **Estimation**: 1 Points | | | **Priority**: 10 |
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| **Conditions of satisfaction**: | | |
| * see all information of each Forwarder in that Agent * Search Forwarder | | |

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| **Example:** |
| * Data table format  |  |  | | --- | --- | | **FORWARDER (1)** | **CONTACT (2)** | |

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| **Business Rules:**   |  |  |  | | --- | --- | --- | | **Column** | **Name** | **Meaning** | | (1) | Select Columns | * Allows to hide or show the columns | | (2) | Search | * Have data search function | | (3) | Create | * The function Create Forwarder | | (4) | Select Option | * Function select the number of data in 1 page | | (5) | Code | * Show code of Forwarder | | (6) | Name | * Show name of Forwarder | | (7) | Zone | * Dose not display data | | (8) | Agent | * Show Name of Agent, when Zone create Forwarder | | (9) | Contact | * Show contact of the Forwarder Name, Address, Telephone, Country, Province, Zip Code, Email | | (10) | Sort data Contact | * Sort data in ascending order or descending | | (11) | Filter | * Have a search function according to each data | | (12) | Paging | * Next: Next Page * Previous: Previous Page * First: go to top of Page * Last: last page of Page | | (13) | Paging Information | * Show the number of Forwarder 1 page | |

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| **Impacts on Existing Functions / Documentation / Architecture / Constraints:** |
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| Mock-up: |

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| Test cases Outlines: |
| 1. Test UI  * Show screen initialization * The item on the screen is the right position and the Default value is compared with the design * Paging function Information * Have the Next/Previous button * Have the First/Last button  1. Test Data Grid  * Have the Create button * Have made to open a specific page when opening the Default sort * Label of each field should be standardized * There is space between every column * All fields as text box should be in the same line * Check the sort function after doing add/edit/delete record * When Click on the text input, the arrow of the mouse should move to the apostrophes * The line of text should be aligned in line on the left side * The page must have title * User can filter the results using the parameters on the website * Search function should load all Forwarder according to User’s filter criteria  1. Show Data grid and Paging  * Data Grid can only show a maximum of 10 records, if more than 10 records then show vertical scroll   + - Search with no data (0 record) = > data grid shows only the header and does not show vertical scroll     - Search has 1 record = > data grid header and display 1 line record, the columns correspond to field in the DB and does not show vertical scroll     - Search 10 records = > data grid to show header and 10dòng and does not show vertical scroll   + Data Grid can only show a maximum of 20 records, if more than 20 records, then show paging     - Search with no data (0 record) = > data grid shows only the header, Next and Previous button disable     - Search has 1 record = > data grid header and display 1 line record, the columns correspond to field in the DB, the Previous and Next button disable     - Search 20 records = > display 20 lines header and data grid, button Previous and Next disable   4. Search   * Click on Search   + Enter the Forwarder should seek   + Show Forwarder was looking   + Enter Contact need to search   + Show Contact sought   5. Filter   * + Search by each Filter box     - Click on the box with Filter of the Forwarder     - Enter the Forwarder want to search     - Show the search data     - Enter the Forwarder is not in the list     - Do not show data     - Click Filter by Contact     - Enter data to find     - Show the data search by contact     - Enter the Contact is not in the list     - Do not show data   + Search by 2 the box Filter     - Enter the Forwarder in the box Filter, enter Contact the box Filter     - Show data as search engines     - Enter the Forwarder into the Filter, enter the Contact is not in the list of the box Filter     - Do not show data     - Enter the Forwarder is not in the list of the box Filter, enter the Contact in the list box Filter     - Do not show data     - Enter the Forwarder is not in the list of the box Filter, enter the Contact is not in the list of the box Filter     - Do not show data   6. Sort Data   * + - Click Sort Forwarder     - Sort from large to small       * The data shown in order from Z-A     - Sort of small to large data       * The data shown in order from A-Z     - Click Sort Shipment Type     - Sort from large to small       * The data shown in order from Z-A     - Sort of small to large data       * The data shown in order from A-Z |

# Adding Forwarder - Agent

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| --- | --- | --- | --- |
| **Theme** | | Admin | |
| **Epic** | | Forwarder | |
| **Story Title:** | | Forwarder – Adding Forwarder | |
| **Story ID:** | | AD02 | |
| **Scenario:** | | As a <Agent>, I can <Create Forwarder > so that<Save Forwarder > | |
| **Estimation**: 1 Points | | | **Priority**: 9 |
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| **Conditions of satisfaction**: | | |
| * Create and save Forwarder | | |

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| Example: |
| * Form format   **Forwarder (1)**  **Contact (2)**  Add/Update (3)  Refresh (4) |

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| **Business Rules:**   |  |  |  | | --- | --- | --- | | **Column** | **Name** | **Meaning** | | (1) | Forwarder | * Enter the name of the Forwarder | | (2) | Contact | * Click Add Contact data entry, Contact show | | (3) | Add Update | * The Add/Update button used to store data | | (4) | Refresh | * The Refresh button is used to delete data entered in the Forwarder | |

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| **Impacts on Existing Functions / Documentation / Architecture / Constraints:** |
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| Mock-up: |
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| Test cases Outlines: |
| 1. Test UI            Show Popup   * + The item on the screen is the right position and the Default value is compared with the design            There are fields to enter text of the Forwarder           Have a field to enter the text of the Contact           Have the add contact button           Have the button Add/Update   * + Have Refresh button  1. Testing Data Grid    * All required fields must be validate and must be indicated by an asterisk \*    * The dropdown field should have the value entered first is blank or the text as ' Select '    * The input field should check the maximum value. The entered value is greater than maximum value will not be accepted or not saved into the database    * Check the handle when you enter a value into the text field. Should show reasonable validate message out    * Check the operation of the button Add/Update, Refresh Button    * Disable fields should be topical and user cannot click the cursor into the schools    * When click on the text input field, the arrow marks of the mouse should be transferred to apostrophes |
| 6. Test behaviour           Enter data    Click on the Create    Enter the name on the Forwarder    On the create virtual Contact data Database           Add/Update    After entering the data click on Add/Update    Data stored           Refresh    Enter the name on the Forwarder    Hit Refresh to clear the name just entered (when not pressing the Add/Update) |

# Adding Contact - Agent

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| **Theme** | | Admin | |
| **Epic** | | Forwarder | |
| **Story Title:** | | Forwarder – Forwarder Adding contact | |
| **Story ID:** | | AD03 | |
| **Scenario:** | | As a <Agent>, I can <Create Contact each Forwarder> so that< saves the contact of each Forwarder> | |
| **Estimation**: 1 Points | | | **Priority**: 8 |
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| **Conditions of satisfaction**: | | |
| * Save Contact of Forwarder: Name, Address, City, Telephone number, Country, Province, Zip code, Email | | |

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| **Example:** |
| * Form format   Name  Address1  Address2  Address3  City Province    Zip Code Country  Telephone Email    Notes    Refresh  Save |

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| **Business Rules:**   |  |  |  | | --- | --- | --- | | **Column** | **Name** | **Meaning** | | (1) | Name | * Enter the name | | (2) | Address 1 | * Enter address | | (3) | Address 2 | * Enter the other address (if available) | | (4) | Address 3 | * Enter the other address (if available) | | (5) | City | * Enter City | | (6) | Zip Code | * Enter Zip Code | | (7) | Telephone | * Enter your phone number | | (8) | Province | * Enter a Province (if applicable) | | (9) | Country | * Enter Country | | (10) | Email | * Enter the Email address | | (11) | Notes | * Enter a note (if desired) | | (12) | Save | * Click save to save the data | | (13) | Refresh | * Press Refresh to clear the data just entered (when not yet hit the Save button) | | (14) | Contact Type | * System will automatically add the value “Forwarder” | |

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| **Impacts on Existing Functions / Documentation / Architecture / Constraints:** |
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| Mock-up: |
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| Test cases Outlines: |
| * Test UI   + Show Popup   + The item on the screen is the right position and the Default value is compared with the design * Testing Data Grid   + - All required fields must be validate and must be indicated by an asterisk \*     - The dropdown field should have the value entered first is blank or the text as ' Select '     - The input field should check the maximum value. The entered value is greater than maximum value will not be accepted or not saved into the database     - Check the handle when you enter a value into the text field. Should show reasonable validate message out     - Check the operation of the button Add/Update, Refresh Button     - Disable fields should be topical and user cannot click the cursor into the schools     - When click on the text input field, the arrow marks of the mouse should be transferred to apostrophes     - Check all schools enter with special characters |
| 7. Test Business           Full data entry    Click on the Create    Enter data into the Name    Enter data into the Address    Enter data into the Address 2 (if available)    Enter data into the Address 3 (if available)    Enter the name of the City    Enter the name of the Province    Enter the name of the Country    Enter Zip Code    Enter Your Telephone    Enter The Email    Enter a Note (if desired)           Save    The data is saved to the Contact           Refresh    Click Refresh to delete data entered (when not click Save)           Not enough data    Name: data           Enter data into the Name           Press Save           Data stored           Enter data into the Name           Enter data into the Address 1           Enter data into the Telephone           Enter data into the Country           Press Save           Data stored    Name: no data    Empty Name    Enter data into: Address 1, Address 2, Address 3, City, Country, zip code, Telephone, Email, Note    Save: Disable |

# Updating/Deleting Forwarder

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| **Theme** | | Admin | |
| **Epic** | | Forwarder | |
| **Story Title:** | | Forwarder – Forwarder Edit - Delete | |
| **Story ID:** | | AD04 | |
| **Scenario:** | | As a <Agent>, I can <Edit and Delete Forwarder> so that   * < data changes by each Forwarder > * < change the information of each Contact > * < Delete each Forwarder > | |
| **Estimation**: 1 Points | | | **Priority**: 7 |
|  | | |  |
|  | |
| **Conditions of satisfaction**: | | |
|          Edit data of each Forwarder and saved after the when Edit           Edit contact information and saved after edit   * Delete are each Forwarder | | |

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| **Example:** |
| * Data Table format      |  |  |  | | --- | --- | --- | | **FORWARDER** | **CONTACT** | **ACSTIONS** |      * Form format   **Forwarder**      **Edit Contact**  **Contact**  **Add/Update** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Business Rules:**   |  |  |  | | --- | --- | --- | | (1) | Edit | * Click Edit to change the data of each Forwarder * Change the data of each Contact | | (2) | Delete | * Press the Delete key to delete each Forwarder | |

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| **Impacts on Existing Functions / Documentation / Architecture / Constraints:** |
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| Mock-up: |

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| Test cases Outlines: |
| 1. Test UI            Show screen initialization   * + The item on the screen is the right position and the Default value is compared with the design  1. Test Data Grid  * The line tool tip text must be meaningful * The deletion of any record within the page should show the message asking to confirm there really wanted to delete or not |
| 1. Test Business            Edit Forwarder    Click on the Forwarder    Click Edit a Forwarder    Show the Edit Popup    Change the name of the Forwarder    Change Contact    Click The Add/Update    Data changes are saved           Edit Contact    Click Edit 1 data Forwarder    Click Edit Contact    Change your data: Name, Address, City, Country, Province, Telephone, Zip Code, Email    Press Save    Data changes are saved           Delete Forwarder    Click on the Forwarder    Press Delete 1 Forwarder    Forwarder to be deleted |

# Mockup of Main Layout

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| Mock-up: |

# Customer

* Customer is not allowed to view and create Forwarder