# Casual Use Case Specification: UC09 Maintain List of Labourers

**Brief Description: This use case enables the project manager and labourers to maintain the list of labourers**

# Section 1: Business Rule(s):

BR 28: Only managers can add new labourers

BR 29: Only managers can edit labourers’ information

BR 30: Labourers can only query their own information

# Section 2: Scenarios (HD):

**Scenario 1: The project manager enters new labourers into the list without errors**

# Preconditions: The project manager has entered their log in credentials, the system displays available options

| **Step#** | **Actor (Project manager)** | **System** | **Data Used** |
| --- | --- | --- | --- |
|  | LOOP |  |  |
| 1 | Selects the ‘Add labourer’ option | Displays blank fields to be entered with labourer’s information. |  |
| 2 | Enters labourer information  -Name  -Address  -Phone Number  -Email address  -Social Security Number (SIN) | Prompts for confirmation | Labourer information  -Name  -Address  -Phone Number  -Social Security Number (SIN) |
| 3 | Confirms | Validates the information received.  -Name field is not blank  -Address field is not blank  -Phone Number is of valid format  -Email address is of valid format  -SIN Number is of valid format, and does not match with any other within the list  Information received validated, generates an ID number for the labourer.  Labourer entry added to the list.  Returns user to available options. | List of labourer  Labourer information  -Name  -Address  -Phone Number  -Email address  -Social Security Number (SIN)  -ID |
| 4 | END LOOP |  |  |
| 5 | Labourers that needed to be added have been entered, selects ‘Exit’ option | Displays a farewell message, prompts the user to enter their log in credentials |  |

**Successful Post-Conditions:**

Labourers that needed to be added have been successfully added

**Scenario 2: The project manager enters with errors, corrects it after error messages are displayed**

# Preconditions: The project manager has entered their log in credentials, the system displays available options

| **Step#** | **Actor (Project Manager)** | **System** | **Data Used** |
| --- | --- | --- | --- |
| 1 | Selects the ‘Add labourer’ option | Displays blank fields to be entered with labourer’s information. |  |
| 2 | Enters labourer information  -Name, in this case empty  -Address  -Phone Number  -Email address, in this case incorrect format  -Social Security Number (SIN) | Prompts for confirmation | Labourer information  -Name  -Address  -Phone Number  -Social Security Number (SIN) |
| 3 | Confirm | Validates the information received.  -Name field is blank, data not accepted  -Address field is not blank  -Phone Number is of valid format  -Email address is not of valid format, data not accepted  -SIN Number is of valid format, and does not match with any other within the list  Information received validated, contains errors  User is returned to previous screen, fields that contained errors are highlighted, error message is displayed for each field that did not pass validation |  |
| 4 | Enters labourer information  -Name  -Email address | Prompts for confirmation | Labourer information  -Name  -Email address |
| 5 | Confirm | Validates the information received.  -Name field is not blank  -Address field is not blank  -Phone Number is of valid format  -Email address is of valid format  -SIN Number is of valid format, and does not match with any other within the list  Information received validated, generates an ID number for the labourer.  Labourer entry added to the list.  Returns user to available options. | List of labourer  Labourer information  -Name  -Address  -Phone Number  -Email address  -Social Security Number (SIN)  -ID |
| 6 | Selects ‘Exit’ option | Displays a farewell message, prompts the user to enter their log in credentials |  |

**Successful Post-Conditions:**

Labourer that needed to be added have been successfully added