

NDRRMC LOGISTICS SYSTEM

QUALITY ASSURANCE

CHECKLIST

Purpose: The Application Quality Assurance Checklist is intended to ensure “Custom-Built” applications adhere to development practices that promote quality solutions. It is recommended that the project team familiarize themselves with this checklist during the Design stage to ensure the developed application meets the quality standards when reviewed in the Execute stage. This deliverable should be listed as a requirement in the Transition Agreement.

Project Name	NDRRMC Logistics System
Date Completed	2018-04-19

IMPORTANT NOTES FOR COMPLETING THIS DOCUMENT

Each section of the Application Quality Assurance Checklist template must be completed in full. If a particular section is not applicable to this project, then you must write **Not Applicable** and provide a reason.

Important Note: No sections are to be deleted from this document. This template is not to be modified in any manner. Text contained within << >> provides information on how to complete that section and can be deleted once the section has been completed.

1. Passwords

A password helps authenticate a user when accessing a software application. Adherence to appropriate password management will help maintain the confidentiality, integrity, availability of the data maintained by the software application and reduce the risk of inappropriate access and use.

Validation Questions	Yes	No	NA	Comments
1.1. Does the system have functionality to allow the user to revise their password and force user account expiry?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.2. Does the system support protected storage of passwords with privileged user access? The system should not support passwords in clear text embedded either in the application code, automated scripts, or the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.3. Does the system meet the standard password requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

1. Passwords

A password helps authenticate a user when accessing a software application. Adherence to appropriate password management will help maintain the confidentiality, integrity, availability of the data maintained by the software application and reduce the risk of inappropriate access and use.

Validation Questions	Yes	No	NA	Comments
1.4. Are the passwords in the production environment different than those in a non-production environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.5. Are all vendor supplied default passwords revised prior to placing the application in a production environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.6. Are passwords for privileged accounts different than passwords for non-privileged accounts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

2. Error Handling – End User

Error messages presented to the end user should contain only that information which will allow the user to take corrective action (e.g. “Invalid date, please reenter in YYYY-MM-DD format”). In the case of unhandled exceptions, messages should be generic. Avoid displaying system information in error messages such as server names, versions, and patch information, as well as application variables, paths, and other configuration information. Avoid messages that could potentially lead to system exploitation (e.g. “Incorrect Login” is acceptable while the message “Incorrect Password” is not).

Error handling logic should be robust enough to gracefully and meaningfully handle all errors which could be reasonably expected to occur from user interactions with the system. The text for error messages should be contained in a single location within the application code or database to facilitate quick additions and modifications by support staff.

Validation Questions	Yes	No	NA	Comments
2.1. Does the application handle all the errors that could reasonably be expected to occur?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2. Do the error messages contain minimal but meaningful information?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3. Does the application avoid displaying system information in error messages?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.4. Are the error messages kept in a single location?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Validation Questions	Yes	No	NA	Comments
2.5. Are all errors for the application being logged?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.6. Is logging being done on each server tier?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Validation Questions	Yes	No	NA	Comments
2.7. Are the logs kept in a single location / directory / database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.8. Are the logged errors specific enough to assist support personnel in troubleshooting production problems?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.9. Is the code that logs the error messages written in a modular way?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.10. Are the log files free of personally sensitive or identifiable information?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3. Field Validations

Where possible, validations should be performed on both the presentation layer and the business layer. In Java, for example, validations may be done using JavaScript within JSP pages (presentation layer), but should also be done within Java classes on the business layer. Also, validations should be performed in such a way that they cannot be bypassed by end-users (e.g. by disabling JavaScript). Field lengths and types within an application should be consistent with the column lengths and types declared within the underlying database tables.

Validation Questions	Yes	No	NA	Comments
3.1. Are fields being checked for the correct type (e.g. date, integer, etc.) and the correct range of values (e.g. 1 – 12 for month)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2. Are field values being validated with regular expressions where possible (e.g. validating email addresses and dates for valid formats)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3. Do the validations resulting in error messages prevent data from being written to persistent storage (databases, files, etc.)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.4. Are the validations being performed within the business logic, as well as on the presentation layer?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5. Have the validations been written so that users cannot bypass them?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.6. Are all of the field lengths and types within the application consistent with the column lengths and types declared within the underlying database tables?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.7. Are user inputs being sanitized (without exceptions) according to OWASP recommendations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

4. Dates

When testing functionality that is built around date checks, the testers should use date values that occur in the past, on the target date, and in the future. Dates should also be validated in the context of the established business rules of the application (e.g. given a person's birth date, is he/she eligible to vote?). When dates are recorded in a database or log, they should include a timestamp and not just the month, day, and year. Timestamps will not be required in specific situations (such as a birth date field) where a timestamp does not make sense.

Validation Questions	Yes	No	NA	Comments
4.1. Does the application validate dates in a way that is consistent with the system design specifications and business rules?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.2. Do all relevant dates include a timestamp?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.3. Does the date requested field show the correct timestamp when it was actually requested?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.4. Do the date fields show an error when the field is left blank?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

5. Reportico

Reportico Yii2 Module allows the users to design reports which can be embedded or linked within your Yii2 website all accessed through a dedicated controller.

The Yii2 Reportico allows to

- Embed Reports into the web page, embed a complete report suite with menu, individual reports with criteria selection or individual report output
- Create report projects against the default yii2 connection or against other databases defined in app/config/database.php

Validation Questions	Yes	No	NA	Comments
5.1. Is the module properly installed to the system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.2. Does it produce the same data from the system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

6. Google Map API

Google MAP API provides global coverage with reliable location information

Validation Questions	Yes	No	Comments
6.1. Are the locations indicated in the Map correctly placed?	<input type="checkbox"/>	<input type="checkbox"/>	
6.2. Is the map rendered?	<input type="checkbox"/>	<input type="checkbox"/>	
6.3. Are the icons (warehouse, evacuation center, etc) correctly placed?	<input type="checkbox"/>	<input type="checkbox"/>	
6.4. Can the map display the satellite view?	<input type="checkbox"/>	<input type="checkbox"/>	

6. Google Map API

Google MAP API provides global coverage with reliable location information

Validation Questions	Yes	No	Comments
6.5. Does the icon provide its location?	<input type="checkbox"/>	<input type="checkbox"/>	
6.6. Does Google Map API loads once the user opened the home page?	<input type="checkbox"/>	<input type="checkbox"/>	

7. User Management Module

In this module, the user can use the CRUD operations that alters the **User** Table in the Database; where the list of information gathered from each user is stored.

Validation Questions	Yes	No	NA	Comments
7.1. Are the <i>National Admin</i> users displayed correctly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.2. Are the <i>Regional Admin</i> users displayed correctly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.3. Are the <i>City/Municipal Admin</i> users displayed correctly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.4. Does the <i>Update</i> function properly change the values in the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.5. Does the <i>View</i> function properly display the values in the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.6. Does the <i>Delete</i> function properly remove the value in the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.7. Does the sorting function per field work correctly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.8. Does the search function work properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.9. Do the fields in the sign-up page show an error when a required field is left blank?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

8. Supply Management Module

In this module, the user can use the CRUD (Create, Read, Update, and Delete) operations that alters the **Supply** Table in the Database; where the list of information gathered from each supply is stored.

Validation Questions	Yes	No	NA	Comments
8.1. Are the items under the <i>Food</i> category displayed correctly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

8. Supply Management Module

In this module, the user can use the CRUD (Create, Read, Update, and Delete) operations that alters the **Supply** Table in the Database; where the list of information gathered from each supply is stored.

Validation Questions	Yes	No	NA	Comments
8.2. Are the items under the <i>Health</i> category displayed correctly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.3. Are the items under the <i>Shelter</i> category displayed correctly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.4. Are the items under the <i>Medical Equipment</i> category displayed correctly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.5. Are the items under the <i>Houseware Supplies</i> category displayed correctly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.6. Are the items under the <i>Clothing</i> category displayed correctly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.7. Are the items under the <i>Personal Hygiene</i> category displayed correctly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.8. Does <i>Create</i> function input the correct data into the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.9. Does the <i>View</i> function correctly display the data coming from the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.10. Search Function is working?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

9. Request Management Module

In this module, the user can use the CRUD (Create, Read, Update, and Delete) operations that alters the **Request** Table in the Database; where the list of information gathered from each request is stored.

Validation Questions	Yes	No	NA	Comments
9.1. Does the request successfully change status (from " <i>Pending</i> " to " <i>Confirmed</i> ") after being confirmed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.2. Does the request successfully change status (from " <i>Confirmed</i> " to " <i>In Transit</i> ") after being sent?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.3. Does the request successfully change status (from " <i>In Transit</i> " to " <i>Arrived</i> ") after being received?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.4. Are the <i>Pending</i> items displayed correctly (by respective status)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.5. Are the <i>Confirmed</i> items displayed correctly (by respective status)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.6. Are the <i>In Transit</i> items displayed correctly (by respective status)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

9. Request Management Module

In this module, the user can use the CRUD (Create, Read, Update, and Delete) operations that alters the **Request** Table in the Database; where the list of information gathered from each request is stored.

Validation Questions	Yes	No	NA	Comments
9.7. Are the <i>Arrived</i> items displayed correctly (by respective status)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.8. Does the <i>View</i> function properly list all the database fields properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.9. Does the <i>Update</i> function properly change the values in the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.10. Does the <i>Delete</i> function properly remove the item from the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.11. Does the Date Requested field show the correct timestamp when it was actually requested?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.12. Does the Date Needed field show an error message when the field is left blank?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.13. Does the Recipient dropdown show users coming from the User database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.14. Does the Vehicle ID field show an error when the input is not an integer?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.15. Is the Requestor field automatically generated and equal to the ID of the user requesting the	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.16. Will the Vehicle ID field show an error when trying to input a non-existent Vehicle ID from the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.17. Display Dropdown Resource ID field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.18. Display Calendar for Date needed field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.19. Display Date Requested Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.20. Display Reason Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.21. Display Quantity needed Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.22. Display Priority Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.23. Display Dropdown Recipient Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.24. Display Beneficiary Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

9. Request Management Module

In this module, the user can use the CRUD (Create, Read, Update, and Delete) operations that alters the **Request** Table in the Database; where the list of information gathered from each request is stored.

<i>Validation Questions</i>	Yes	No	NA	Comments
9.25. Display Dropdown Status Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.26. Display Requestor Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.27. Display Dropdown Vehicle ID Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.28. Search Function is working?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

10. Records Management Module

In this module, the user can use the CRUD (Create, Read, Update, and Delete) operations that alters the **ALL** Tables in the Database.

<i>Validation Questions</i>	Yes	No	NA	Comments
10.1. Does the <i>Volunteer</i> record view display the correct data coming from the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.2. Does the <i>Supplier</i> record view display the correct data coming from the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.3. Does the <i>Disaster Site</i> record view display the correct data coming from the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.4. Does the <i>Disaster Site</i> record view display the correct data coming from the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.5. Does the <i>Affected Area/Population</i> record view display the correct data coming from the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.6. Does the <i>Barangay</i> record view display the correct data coming from the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.7. Does the <i>City/Municipal</i> record view display the correct data coming from the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.8. Does the <i>Province</i> record view display the correct data coming from the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.9. Does the <i>Region</i> record view display the correct data coming from the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.10. Does the City Municipal dropdown in the sign-up page show the same list of City Municipal in the City Municipal Table?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

11. Resource Management Module				
Validation Questions	Yes	No	NA	Comments
11.1. Do the required fields show an error when left blank?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.2. Does the Supplier ID dropdown show entries from the Supplier Table in the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.3. Does the Vehicle ID dropdown show entries from the Vehicle ID table in the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.4. If a resource entry is deleted, is it also deleted from the database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.5. If an entry is edited, will the changes be committed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.6. Display Name Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.7. Display Dropdown Resource type Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.8. Display Quantity Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.9. Display Calendar for Date Delivered Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.10. Display Calendar for Date Received Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.11. Display Details Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.12. Display Calendar for Expiration Date Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.13. Display Dropdown Supply Category Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.14. Display Dropdown Supplier ID Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.15. Display Dropdown Location ID Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

12. Supplier Management Module				
Validation Questions	Yes	No	NA	Comments
12.1. Does the ID field show an error when a non-integer or character is entered in the field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

12. Supplier Management Module				
Validation Questions	Yes	No	NA	Comments
12.2. Does the Region ID dropdown show entries from the Region ID in the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.3. Does the City Municipal ID dropdown show entries from the City Municipal ID in the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.4. Does the Barangay ID dropdown show entries from the Barangay ID in the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.5. If a Supplier is deleted, is it also deleted from the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.6. If a Supplier entry is edited, does it commit the changes to the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.7. Display ID Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.8. Display Name Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.9. Display Contact Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.10. Display Email Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.11. Display Contact Person Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.12. Display Website Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.13. Display Dropdown Region ID Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.14. Display Dropdown City Municipal ID Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.15. Display Dropdown Barangay ID Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.16. Search Function is working?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

13. Location Management Module				
Validation Questions	Yes	No	NA	Comments
13.1. Does the Sorting function properly sort the entries depending on the field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

13. Location Management Module				
Validation Questions	Yes	No	NA	Comments
13.2. When a Location entry is deleted, does it also delete from the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.3. When a Location entry is edited, does it commit the changes to the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.4. Does an error message show when a field in the sign up page is left blank?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.5. Does the Region ID dropdown show entries from the Region ID field in the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.6. Does the City Municipal ID dropdown show entries from the City Municipal ID field in the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.7. Does the Barangay ID dropdown show entries from the Barangay ID field in the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.8. Display Name Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.9. Display Contact Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.10. Display Email Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.11. Display Dropdown Type Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.12. Display Capacity Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.13. Display Status Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.14. Display Dropdown Region ID Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.15. Display Dropdown City Municipal ID Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.16. Display Dropdown Barangay ID Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.17. Search Function is working?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

14. Vehicle Management Module				
Validation Questions	Yes	No	NA	Comments
14.1. Display Name field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.2. Display Plate Number Field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.3. Display Dropdown Type field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.4. Display Dropdown Type Star field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.5. Display Dropdown Classification field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.6. Display Dropdown Status field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.7. Display Dropdown Region ID field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.8. Display Dropdown City Municipal ID field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.9. Display Dropdown Barangay ID field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.10. Does the Region ID dropdown show entries from the Region ID field in the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.11. Does the City Municipal ID dropdown show entries from the City Municipal ID field in the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.12. Does the Barangay ID dropdown show entries from the Barangay ID field in the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.13. Does an error message show when a field in the Create Vehicle page is left blank?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.14. Does the Sorting function properly sort the entries depending on the field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.15. When a Vehicle entry is deleted, does it also delete from the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.16. When a Vehicle entry is edited, does it commit the changes to the Database?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.17. Search Function is working?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	