Use Case Specification

DMT/RM01/TMP

|  |  |
| --- | --- |
| Project Code | PROJECT\_Asset\_Management\_System |
| Project Name | Asset Management System |

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| --- | --- | --- |
| Prepared/Modified by | Role | Date of Preparation |
| Sapna | Test Engineer | 03/10/2018 |
| Reviewed by | Role | Date of Review |
| Pranav | SME |  |
| Approved by | Role | Date of Approval |
| Rashmi | Test Manager |  |
| Circulation List |  | Version Number of the template: |
| Version Number | 1 |  |

<<Customer>> REVIEW HISTORY

<<Customer comments on the Use case along with the signed off is tracked here>>

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| --- | --- | --- | --- | --- | --- | --- |
| Version | <<Version number>> |  |  |  |  |  |
| Date | <<Date of Review>> |  |  |  |  |  |
| Reviewed by | << Reviewer Name>> |  |  |  |  |  |
| Reviewed UI Specification doc | << Whether UI Specification doc is reviewed >> |  |  |  |  |  |
| All Open Queries/issues closed | << Whether all the open queries and issues resolved>> |  |  |  |  |  |
| Agreement on Assumptions | <<Whether all the assumptions have been agreed upon by the customer>> |  |  |  |  |  |
| Sign Off | <<Signature>> |  |  |  |  |  |

Disclaimer:

The scope of the project ‘Asset Management System’ is restricted to the contents of this signed off use case.

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Use Case Name: Asset Management System CSV/Excel Sheet

Use Case ID: Asset Management System Website

1.0

**Brief Description**: This usecase describes the process for “Exporting Details to CSV/Excel Sheet” on the Asset Management Website

Actor(s)

1.Admin

2.Asset Management Sysytem

Preconditions.

1. Website should be accessible by the Admin by visiting the website on the browser
2. The person login for Asset Management System should be a Admin.

###### Flow of Events

4.1 Basic Flow

**Name:** Successful Exporting of Data into CSV/Excel in Asset Management System

1. Admin login into the website
2. Admin clicks on Export data into CSV/Excel sheet link
3. System displays the message “Successfully Data Stored in CSV/Excel Sheet”
   1. Alternative Flows

Alternate Flow 1: Successful Exporting of Data into CSV/Excel Sheet in Asset Management System

1. Admin login into the website
2. Admin clicks on Export data into CSV/Excel sheet link
3. System displays the message “Successfully Data Stored in CSV/Excel Sheet”

Exception Flow 1: unsuccessfull Exporting of Data into CSV/Excel Sheet in Asset Management System

1. Admin login into the website
2. Admin clicks on Export data into CSV/Excel sheet link
3. System displays the message “Data Not Matched”

Exception Flow 2: unsuccessfull Exporting of Data into CSV/Excel Sheet in Asset Management System due to Web Server Down

1. Admin login into the website
2. Admin clicks on Export data into CSV/Excel sheet link
3. System displays the message “Web Server Down”

Exception Flow 3: unsuccessfull Exporting of Data into CSV/Excel Sheet in Asset Management System due to Database Connectivity Error

1. Admin login into the website
2. Admin clicks on Export data into CSV/Excel sheet link
3. System displays the message “Database Connectivity Error”

Exception Flow 4: unsuccessfull Exporting of Data into CSV/ExcelSheet in Asset Management System due to Network Connectivity Error

1. Admin login into the website
2. Admin clicks on Export data into CSV/Excel sheet link
3. System displays the message “Network Connectivity Error”

Post Conditions

| Flow Name | Post Condition |
| --- | --- |
| Successful Exporting of Data into CSV/Excel in Asset Management System | System displays the message “Successfully Data Stored in CSV/Excel Sheet”” |
| Unsuccessful exporting of data into CSV/Excel sheet in Asset Management System | System displays the message “Successfully Data Stored in CSV/Excel Sheet” |
| Web Server Down | The system should display an error message to the Admin regarding web server unavailability problem. |
| Database Connectivity Error | The system should display an error message to the Admin regarding the database connectivity problem. |
| Network Connectivity Error | The system should display an error message to the Admin regarding the network connectivity problem. |

Special Requirements

Performance

The Admin should receive a mail regarding all the details after exported to CSV/Excel Sheet.

Availability

* 1. Application is up and running 24\*7.

Business Rules

| Business Rule Name | Business Rule Description | System action (if BR fails) |
| --- | --- | --- |
| BR01 | All fields must be selected | Error message is displayed if any field is not selected |

Scenarios

Success Scenarios

* Successful Updating of Exporting Details in Asset Management System

Failure Scenarios

* Failed the details not exported into CSV/Excel in Asset Management System

Issues

1. What is to be done if web server is down?
2. What is to be done if the link does not get opened?
3. What is to be done if there is data connectivity error?
4. What is to be done if the form is not getting submitted even after entering valid field details without any alerts for errors?

Extension Points

Extension in Alternate FLOW 1:

In step 11, of alternative flow 1 if the Admin clicks on Reset Button

1. The Admin can click the link again.

Assumptions

1.Admin can easily export the data into CSV/Excel Sheet.

2.Admin clicks on link

REVISION HISTORY OF THE WORK PRODUCT

<to be maintained by projects>

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| --- | --- | --- | --- | --- | --- |
| # | Date | Version # | Section Changed | Details of changes made | Approved By |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |