

User Acceptance Test (UAT) Report

Enabling Environment and Human Rights Dashboard

* **Date -** 07 March 2023
* **Project Name -** Enabling Environment & Human Rights Dashboard
* **Version -** 2.0
* **Developed by -** iTech Mission
* **Owner -** CGIAR

# Introduction

The purpose of this document is to outline the User Acceptance Testing (UAT) process for the EEHR Web Portal. This report is intended to demonstrate the web application will be considered fully-tested and eligible for implementation.

# Project Overview

Government of Jamaica (GOJ) in partnership with stakeholders is working to eliminate HIV-related stigma and discrimination in healthcare, education and justice sector. To address the challenges of limited capacity, multiple bodies and reporting frameworks, and limited use of technology the partnership has proposed the development of a dashboard that would help to increase efficient access to information related to interventions and programmers. The purpose of this document is to provide system requirements specification to develop the EEHR (Enabling Environment and Human Rights) Monitoring Dashboard. The document provides a detailed explanation of the objectives, scope, modules, features, and functionalities of the web application.

EEHR Monitoring Dashboard will be developed as a web-based system with central storage of operational plan and coverage indicators, their dimensions and its data. The dashboard will be used as a primary system to track, monitor and report on EEHR Operational Plan.

Following is the summary of the features of the system:

* Develop the data and metadata structure for EEHR Plan framework and its indicators, collate and import all the available data from various data sources.
* Store and manage performance indicators based data and metadata from various approved data sources.
* Manage geographical areas and their respective maps at national and lower levels.
* Upload and manage indicators and its data by time periods and geographical areas.
* Provide advanced data visualizations and analytics for better analysis and decision making.
* Download data driven visualizations into standard image formats.
* Upload data using industry-standard format like Comma Separated Value (CSV).
* Data entry will be allowed by the users with data entry roles after a login process.
* The entered data will be approved by the data approver users.
* The approved data will be published by the system administrator to be viewed on the dashboard.

# UAT Test Results

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***#*** | **Module** | **Test Case** | # | **Steps to Execute the Test Case** | **Expected Result** | **Actual Result** |
| *1* | Home Page | Validate on accessing the Home Page | 1 | Enter the project URL in the google chrome. | Users should land on the home page of the SDG3 dashboard | Successful |
| Validate exploring SDG Goal wheel | 2 | Click on the SDG Goal wheel to explore the indicators shown on the homepage. | Users should be able to view the description of the indicator and the target indicator should be highlighted in the Goal Wheel | Successful |
|  |  | Verify to Know more about the project | 3 | Click on the burger menu button shown at the top right corner of the homepage. | Users should be navigated to show the About SDG, Indicator Framework, and Contact us section list. | Successful |
|  |  | Verify the view of the Contact Us page on the homepage. | 4 | Click on the About SDG option from the navigation menu  shown at the top right corner of the homepage. | Users will be navigated to the About SDG section of the homepage which tells more about the project. | Successful |
|  |  | Verify the view of the Indicator Framework page on the homepage. | 5 | Click on the Indicator Framework option from the navigation menu  shown at the top right corner of the homepage. | Users should be navigated to the Indicator Framework section of the homepage which tells more about the project. | Successful |
|  |  | Verify view of the Contact Us page on the homepage. | 6 | Click on the Contact Us option from the navigation menu  shown at the top right corner of the homepage. | Users should be navigated to the website Ministry of Health and Family Welfare who is the author of the website | Successful |
|  |  | Verify to Login. | 7 | Click on the Login button shown at the top right corner. | User should be able to enter their login ID and Password and access the data dashboard of SDG3 | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *2* | Data Dashboard – At A Glance | Verify accessing Data Dashboard. | 1 | Login to access the Data Dashboard from the user button shown at the top right corner of the homepage. | Users should be navigated to the data dashboard At a Glance module by default. | Successful |
| Verify to view indicators data visualization | 2 | Scroll down the At a Glance Module to view indicator data column charts. | Users should be able to view the visualized widgets of indicators – recent data, target, and units of measurement using a column chart. | Successful |
|  |  | Verify to view Visualization for specific Area. | 3 | Click on the Area drop-down shown at the top of the data dashboard. | Users should be able to view the column chart of Indicators for the selected Area. | Successful |
|  |  | Verify view to annotations on hover | 4 | Hover over the column Chart to view the annotations. | Users should be able to view the annotations like Year and Value of the indicators Column chart. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 3 | Data Dashboard – Baseline Composite Index | Verify navigating to the Baseline Composite Index. | 1 | Click on the Baseline Composite Index module from the navigation panel  shown at the top of the dashboard. | Users should be navigated to the Baseline Composite Index module of the dashboard. | Successful |
|  |  | Validate to view data for SDG Index Score. | 2 | Click on the Baseline Composite Index goals from the navigation panel shown at the top of the dashboard. | Users should be able to view the SDG Index Score of Major States of India Map and chart. | Successful |
|  |  | Verify view to annotations on hover. | 3 | Hover over the Map and Column Chart to view the annotations. | Users should be able to view the annotations like the state name and value of the Index. | Successful |
|  |  | Verify to view States and Index Table. | 4 | Click on the Table button shown at the top right corner of the page. | Users should be able to view the States and Index Table along with indicator values for specific states. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 4 | Data Dashboard – General | Verify navigating to the General. | 1 | Click on the General module from the navigation panel  shown at the top of the dashboard. | Users should be navigated to the General module of the dashboard. | Successful |
|  |  | Validate to view data for the General Module. | 2 | Click on the General module from the navigation panel shown at the top of the dashboard. | Users should be able to view the first thematic group by default and the visualization widget for subsections. | Successful |
|  |  | Verify to view the tooltip on the hover tool banner. | 3 | Hover over the tool banner shown on the right corner of the widget to view the tooltip. | Users should be able to view the tooltip by hovering the tool buttons. | Successful |
|  |  | Verify navigation between 4 thematic groups and Map. | 4 | Click on the default accordion button of the thematic group name to minimize the visualizations. | Users should be able to navigate the accordion buttons for 4 theme based thematic groups and Thematic Map | Successful |
|  |  | Verify to view data for Thematic Map | 5 | Click on the Map accordion button from the thematic button list. | Users should be able to view the India Map depicting indicator performance for a selected indicator of the thematic groups. | Successful |
|  |  | Verify to view the labels on the map. | 6 | Click on the label Checkbox present shown at the top left corner of the map. | Users should be able to view the labels on the themed map showing area names. | Successful |
|  |  | Verify the view data of the selected indicator on the map. | 7 | Click on the Indicator drop-down list to select an indicator shown at the top left corner of the map | Users should be able to view the performance of that indicator in the color theme map | Successful |
|  |  | Verify the view data of the selected time -period on the map. | 8 | Click on the time-period drop-down to select the time. | Users should be able to view the performance values for that time-period in the color theme map | Successful |
|  |  | Verify the download the report. | 7 | Click on the download report button shown at the top right corner of the General module. | Users should be able to download the report. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 5 | Data Dashboard – Explore Data | Verify navigating to the Explore Data. | 1 | Click on the Explore Data module from the navigation panel  shown at the top of the dashboard. | Users should be navigated to the Explore Data module of the dashboard. | Successful |
|  |  | Validate to view data for SDG Index Score. | 2 | Click on the Explore Data module from the navigation panel  shown at the top of the dashboard. | Users should be able to view the SDG Index Score of Major States of India Map and chart. | Successful |
|  |  | Verify expansion of the tree structure | 3 | Click on the dots shown at the node of the tree structure. | Users should be able to expand the tree structure to another level. | Successful |
|  |  | Verify the view of indicator data |  | Click on the trend chart by clicking nodes to expand the tree structure to the lowest level | Users should be able to view the trend column chart of the selected indicator. | Successful |
|  |  | Verify the download trend chart | 7 | Click on the download button shown at the top right corner of the chart. | Users should be able to download the trend chart. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 6 | Data Dashboard –  Rank | Verify navigating to the Rank. | 1 | Click on the Rank module from the navigation panel shown at the top of the dashboard. | Users should be navigated to the Rank module of the dashboard. | Successful |
|  |  | Validate to view data for state's rank. | 2 | Click on the Rank module from the navigation panel shown at the top of the dashboard. | Users should be able to view a column chart of the state's performance of an indicator in ascending order. | Successful |
|  |  | Verify the view data of the selected indicator | 7 | Select the desired indicator by clicking the small red color drop-down arrow present on the Rank icon. | Users should be able to view the column chart of the state's performance of a selected indicator in ascending order. | Successful |
|  |  | Verify the view of selected indicator data |  | Click on the trend chart by clicking nodes to expand the tree structure to the lowest level | Users should be able to view the trend column chart of the selected indicator. | Successful |
|  |  | Verify the view data of the selected time -period on the map. | 8 | Click on the time-period drop-down to select the time shown on to top-right corner of the Rank module. | Users should be able to view a column- chart of the state’s performance values for that time-period. | Successful |
|  |  | Verify the swap of the column chart |  | Click on the swap button shown at the top right corner of the Rank module. | Users should be able to swap between the bar chart and the column chart of the selected indicator. | Successful |
|  |  | Verify the sort of the column chart |  | Click on the sort button shown at the top right corner of the Rank module. | Users should be able to swap between the ascending and descending order of the trend column chart of the selected indicator. | Successful |
|  |  | Verify the view of selected states |  | Select the states checkbox from the states list shown at the right corner of the Rank module. | Users should be able to view the states rank of the selected states from the state list. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *3* | Dashboard – Enabling environment and human rights report | Verify accessing EEHR Reports. | 1 | Click on the EEHR Reports option from the navigation menu  shown at the top of the dashboard. | User will be navigated to the EEHR Reports section of the dashboard. | Successful |
| Verify to view Outcome, Outcome and activity indicators. | 2 | Click on the arrow icon shown with the count of Outcome, Output and activity indicators. | User will view a pop up window showing all the indicators for the selected option. | Successful |
| Verify manage index | 3 | Click on manage index icon shown at the top right corner of the dashboard. | User will be able to view a pop up window having index status and its range which is editable. | Successful |
| Verify to download monitoring plan data. | 4 | Click on the download icon shown to the right side of manage index icon. | User will be able to download the monitoring plan data. | Successful |
| Verify to filter view by performance status | 5 | Click on the filter icon shown to the right side of download icon and select any options. | User will be able to view the data according to the selected performance status i.e. on track, off track & no change. | Successful |
|  |  | Verify to view trend chart. | 6 | Click on the trend chart icon shown with the indicators. | User will be able to view the trend chart for the selected indicator. | Successful |
|  |  | Validate to view data for other goals. | 7 | Click on the other goals from the left navigation panel. | User will be able to view the monitoring plan data for the other selected goal. | Successful |
|  |  | Verify to view metadata. | 8 | Click on the information icon shown before each indicator. | User will view a pop up window showing the metadata for the selected indicator. | Successful |
|  |  | Verify to view user guide video. | 9 | Click on the question mark icon shown at the bottom right corner of the page. | User will be able to view the video showing how to use that particular module. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *4* | Dashboard – Performance Indicators | Verify accessing Performance indicators page. | 1 | Click on the Performance indicators option from the navigation menu  shown at the top of the dashboard. | User will be navigated to the monitoring plan section of the dashboard. | Successful |
| Verifying viewing data for other indicators | 2 | Click on the performance indicator drop down shown at the top of the page and select any indicator. | User will be able to view the data of the selected indicator on the map. | Successful |
| Verifying viewing data for other time periods | 3 | Click on the time period drop down shown at the top of the page and select any time period for which the data is available. | User will be able to view the data of the selected time period on the map. | Successful |
| Verifying viewing data in table view. | 4 | Click on the table icon present in the map tool bar shown to the right side of the map. | User will be able to view the table view of the map data. | Successful |
| Verifying zooming in & out map view. | 5 | Click on the zoom in or zoom out icon present in the map tool bar shown to the right side of the map. | The map will be zoomed-in or zoomed-out based on the selected option. | Successful |
|  |  | Verifying to view labels on the map. | 6 | Click on the label icon present in the map tool bar shown to the right side of the map. | User will be able to view the labels on the map showing area name. | Successful |
|  |  | Verifying to download map. | 7 | Click on the download icon present in the map tool bar shown to the right side of the map. | User will be able to download the map. | Successful |
|  |  | Verify to view user guide video. | 8 | Click on the question mark icon shown at the bottom right corner of the page. | User will be able to view the video showing how to use that particular module. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *5* | Login into Data Manager | Verify leaving empty fields. | 1 | Click on Login button when all the fields is empty. | Login button will not be enabled if the username, password textbox is empty and  captcha entered is not correct. | Successful |
| Verify entering invalid  username  and valid  Password | 2 | Enter invalid username, valid password and  correct captcha. | Error message appears stating Wrong Credentials. | Successful |
|  |  | Verify entering valid username and invalid  password | 3 | Enter a valid username, invalid password and correct captcha. | Error message stating wrong credentials. | Successful |
|  |  | Verify entering invalid  captcha. | 4 | Enter invalid captcha. | The login button will be disabled. It will be enabled when enter correct captcha. | Successful |
|  |  | Validate Forgot password  Option. | 5 | Click on forgot password option | The control navigates to lost password popup asking to enter registered email ID. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *6* | Data Manager – Manage Area | Verify accessing data manager modules. | 1 | Login into data manager using valid admin credentials. | User will be navigated to the summary section of data manager by default. | Successful |
| Verify to view area list. | 2 | Click on the manage area options from the left side navigation panel. | User will be able to view table like structure having id, name, parent id, area level and action as columns. | Successful |
| Verify to add area | 3 | Click on plus icon to add area details like area id, area name and parent area in the form and click add. | Area details will be added and success notification will appear. | Successful |
| Verify to export area template. | 4 | Click on export icon and then choose to download file with or without data. | Downloading without data will download area details template and downloading with data generates file with area details in csv. | Successful |
| Verify to import area details. | 5 | Click on import icon and then click on browse file option to choose which csv file to upload and click upload. | The file will be uploaded and success notification will appear. | Successful |
|  |  | Verify to edit area details. | 6 | Click on edit icon coming under actions column and after editing click update. | Edited detail will be updated and success message will appear. | Successful |
|  |  | Verify to show & hide option. | 7 | Click on toggle button coming under action column and perform show & hide operation | While toggling to hide details for that particular area, it will not appear anywhere in area drop-down list. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *7* | Data Manager – Manage Indicator | Verify to view indicators details. | 1 | Click on the manage indicators options from the left side navigation panel. | User will view table like structure having goal, target, indicator no., indicator, unit, subgroup and action as columns. | Successful |
| Verify to add indicator. | 2 | Click on plus icon to add indicator details in the form and click add. | Indicators details will be added and success notification will appear. | Successful |
| Verify to export indicator details. | 3 | Click on export icon and then choose to download file with or without data. | Downloading without data will download area details template and downloading with data generates file with area details in csv. | Successful |
| Verify to import indicators details. | 4 | Click on import icon and then click on browse file option to choose which csv file to upload and click upload. | The file will be uploaded and success notification will appear. | Successful |
| Verify to edit indicators details. | 5 | Click on edit icon falling under actions column and after editing click update. | Edited detail will be updated and success message will appear. | Successful |
|  |  | Verify to show & hide option. | 6 | Click on toggle button coming under action column and perform show & hide operation | While toggling to hide details for that particular indicator, it will not appear anywhere in indicator drop-down list. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *8* | Data Manager – Data Entry | Verify to view data entry module. | 1 | Click on the data entry options from the left side navigation panel. | User will view table like structure having indicator, unit, sub-group, area, time period, source, data value, and action columns. | Successful |
| Verify to export data. | 2 | Click on export icon, select the parameters to export and then choose to export template with & without data. | Downloading without data will download area details template and downloading with data generates file with area details in csv. | Successful |
| Verify to import data. | 3 | Click on import icon and then click on browse file option to choose which csv file to upload and click upload. | The file will be uploaded and success notification will appear. | Successful |
| Verify to delete selected data. | 4 | Click on the checkbox shown with every record and then click on the delete icon. | The selected records should be deleted. | Successful |
| Verify to add/edit indicators data. | 5 | Click on add/edit icon shown at the top right corner of the page. A pop up window should open having option to select indicator, area, time period and source and then click ok. | The selected options should be added as records in the table. | Successful |
|  |  | Verify to save updated record. | 6 | Click on the save icon shown under column action. | The updated record should be saved. | Successful |
|  |  | Verify to record. | 7 | Click on the delete icon shown under column action. | The selected record should be deleted. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *9* | Data Manager – Indicators  Metadata | Verify to view indicators metadata details. | 1 | Click on the indicators metadata options from the left side navigation panel. | User will view table like structure having goal, target, indicator no., indicator, unit, subgroup and action as columns. | Successful |
| Verify to add indicators metadata. | 2 | Click on plus icon to add indicator metadata details in the form and click add. | Indicators details will be added and success notification will appear. | Successful |
| Verify to export indicator metadata details. | 3 | Click on export icon and then choose to download file with or without data. | Downloading without data will download area details template and downloading with data generates file with area details in csv. | Successful |
| Verify to import indicators metadata details. | 4 | Click on import icon and then click on browse file option to choose which csv file to upload and click upload. | The file will be uploaded and success notification will appear. | Successful |
| Verify to edit indicators metadata details. | 5 | Click on edit icon falling under actions column and after editing click update. | Edited detail will be updated and success message will appear. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *10* | Data Manager – Plan  Metadata | Verify to view plan metadata module. | 1 | Click on the plan metadata options from the left side navigation panel. | User will view table like structure having several columns with import & export data options, edit and also option to add plan metadata. | Successful |
| Verify to add plan  metadata | 2 | Click plus icon to add plan metadata details in the form and click add. | Plan metadata details will be added and success notification will appear. | Successful |
| Verify to export plan metadata. | 3 | Click on export icon and then choose to download file with or without data. | Downloading without data will download metadata details template and downloading with data generates file with metadata details in csv. | Successful |
| Verify to import plan metadata details | 4 | Click on import icon and then click on browse file option to choose which csv file | The file will be uploaded and success notification will appear. | Successful |
| Verify to edit plan metadata details. | 5 | Click on edit icon coming under actions column and after editing click update. | Edited detail will be updated and success message will appear. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *11* | Data Manager – Users | Verify to view user’s details | 1 | Click on the users options from the left side navigation panel. | User will be able to view table like structure having name, email, role and action column. | Successful |
| Verify to add users. | 2 | Click on plus icon to add users details in the form and click add. | Users details will be added and success notification will appear. | Successful |
| Verify to edit user’s details. | 3 | Click on edit icon coming under actions column and after editing click update. | Edited detail will be updated and success message will appear. | Successful |
| Verify to activate & deactivate user option | 4 | Click on toggle button coming under action column and perform activate & deactivate operation. | While toggling to deactivate option will deactivate that particular user. | Successful |
| Verify to search user. | 5 | Click on the search bar and write any user name. | User will be able to view the searched result if it is available in the table list. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *12* | Data Manager – Resource | Verify to view resource module. | 1 | Click on the resource options from the left side navigation panel. | User will view table like structure having several columns with add and edit options. | Successful |
| Verify to edit resource details. | 2 | Click on edit icon coming under actions column and after editing click update. | Edited detail will be updated and success message will appear. | Successful |
| Verify to show/hide resource details. | 3 | Click on toggle button shown under actions column to show/hide the resources. | Selected resources will be shown/hidden from the homepage. | Successful |
| Verify to add resources. | 4 | Click on plus icon to add resource details in the form and click add. | Resource details will be added and success notification will appear. | Successful |
| Verify to search resource. | 5 | Click on the search bar and resource keyword in order to search. | User will be able to view the searched result based on the keyword if it is available in the table list. | Successful |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *13* | Data Manager – Logs | Verify to navigate to log module. | 1 | Click on the logs options from the left side navigation panel. | User will view table like structure having several columns having option to download. | Successful |
| Verify to delete the log record. | 2 | Click on the check of respective record which is to be deleted and click on delete option. | After the selecting the record the delete option available at the top should be enabled and by clicking on the delete option the respective should be removed the existing list. | Successful |
| Verify to download log report | 3 | Click on the download button shown under action column. | You should be successfully be able to download CSV document which will have the data list which has not been imported into the database. | Successful |