Title: ABABIL.INV.01.07 - Repayment Schedule Generation for Investment Account with Gestation

Scope: The purpose of this test is to verify that the functionality of generating repayment schedule of an Investment account without limit regarding mandatory field data of the ABABIL Finance Module is working as per expectation. The test verifies successful repayment schedule generation with all mandatory field data and failure to do the same without a single mandatory field data.

Test Environment

Name Of The Web Based Application Under Test: ABABIL

Nature Of The Web Based Application Under Test: Core Islamic Banking Software Solutions

Name Of The Web Browser: CHROME (Current Version), MOZILLA FIREFOX (Current Version)

Name Of The OS: Windows 10

Test Procedure and Verification

Explanation of terms:

S<number>: stands for identification of a test procedure step.

V<number>: stands for identification for the corresponding verification(s).

V<number>: N/A stands for verification is not required for this step.

Input/Output Dataset Information:

The input/output datasets referenced in this test case are stored, by the test case name, in [Storage Name], under "[Storage Location Path]".

The tools referenced in this test case are stored, by tool classification, in [Storage Name], under "[Storage Location Path]".

[Detail Run]

S1: Launch, Login And Navigate To Ababil → **Finance** Module:

Logon to Ababil application. Once the Ababil home page appears, click on the icon of the "**Finance**"module, then dropdown the Finance main menu, click on the Investment menu item and then click **Account.**

V1: Verify that the **Account** page appears as per expectation. The "**+ Create Account W/O Limit**" and "**+ Create**" buttons are present on the page. Take a screenshot of the page and save to the designated storage for record keeping. [Screenshot 01]

S2: Search **Account** :

Click on the "**Search**" button.

V2: Verify that the **Customer ID, Account Number, Name** column names appear at the list of data table. Take a screenshot of the page and save to the designated storage for record keeping. [Screenshot 02]

S3: Select **Repayment Schedule** from Financing Account Details UI:

Select an account from the search list.

V3: Verify that **"Financing Account Details"** appears at the top of the page where **Options** stands in the menu bar. A list of operations appears by clicking "Options". Select **Repayment Schedule** from the list.

If there is no repayment Schedule available in the list, then **STOP.**

Take a screenshot of the page and save to the designated storage for record keeping. [Screenshot 03]

S4: Generate **Repayment Schedule** providing all mandatory field:

FIll each of the mandatory fields and then click **Regenerate Schedule**. An asterisk mark (*) is present beside each mandatory field.

V4: Verify that the **Regenerate Schedule** process is successful.

A success message will be displayed in the popup.Take a screenshot of the page for each of the respective scenarios and save to the designated storage for record keeping. [Screenshot 04]

S5: Generate **Repayment Schedule** with any mandatory field of **Gestation** blank:

Switch on the Gestation button.

Leave each of the mandatory fields blank one by one while inputting all other mandatory field data for **Gestation** and then click on the **Regenerate Schedule** button each time. After clicking the **Regenerate Schedule** button for each case, perform the following verifications for each one respectively as stated.

V5: Verify that the **Regenerate Schedule** process is unsuccessful and the label of the mandatory field with missing data appears as red for each of the following fields respectively. Take a screenshot of the page for each of the respective scenarios and save to the designated storage for record keeping.

i)   Blank "Gest. Tenure Type" [Screenshot 05]

ii)   Blank "Gest. Tenure" [Screenshot 06]

iii)   Blank "Gest. Realization Method" [Screenshot 07]

S6: Generate **Repayment Schedule** by providing all mandatory field of **Gestation**:

FIll each of the mandatory fields of **Gestation** and click **Regenerate Schedule**. An asterisk mark (*) is present beside each mandatory field.

V6: Verify that the **Regenerate Schedule** process is successful.

A success message will be displayed in the popup as "**Schedule Generated Successfully**". Take a screenshot of the page for each of the respective scenarios and save to the designated storage for record keeping. [Screenshot 08]

S7: Generate **Repayment Schedule** with the different parameter of **Gestation Realization Method**:

Select "Gest. Realization Method : **Equally Distributed/Specific Date**"

A Date field will appear if Gestation Realization Method is for a **Specific Date.**

V7: Verify that a new field appears named **Gest. Date** for selecting Specific Date as Gest. Realization Method. The **Regenerate Schedule** process will be successful after providing a date for Specific Date based Gest. Realization Method. Take a screenshot of the page for each of the respective scenarios and save to the designated storage for record keeping. [Screenshot 09]

S8: Generate **Repayment Schedule** with blank **Specific Date**:

Select "Gest. Realization Method : **Equally Distributed/Specific Date**"

A Date field will appear if Gestation Realization Method is for a **Specific Date.**

V8: Verify that a new field appears named **Gest. Date** for selecting Specific Date as Gest. Realization Method. The **Regenerate Schedule** process will be unsuccessful because the **Specific Date** field is empty. Take a screenshot of the page for each of the respective scenarios and save to the designated storage for record keeping. [Screenshot 10]

A validation error will appear as a pop up saying "**Please provide Gestation Realization Date!**"

Take a screenshot of the page for each of the respective scenarios and save to the designated storage for record keeping. [Screenshot 11]

S9: Generate **Repayment Schedule** with all mandatory field blank of **Before Gestation Expiry**:

Switch on "**After Gestation Expiry"**

V9: Verify that two new fields appear named **Gest. Interval Type** & **Interval.** Click **Regenerate Schedule** by keeping a mandatory field empty. The **Regenerate Schedule** process will be unsuccessful.

A validation error will appear as a pop up saying "**Please provide Gestation Realization Date!"**

Take a screenshot of the page for each of the respective scenarios and save to the designated storage for record keeping. [Screenshot 12]

S10: Generate **Repayment Schedule** with a mandatory field blank each time of **Before Gestation Expiry**:

Switch on "**After Gestation Expiry"**

V10: Verify that two new fields appear named **Gest. Interval Type** & **Interval.** Click **Regenerate Schedule** by keeping a mandatory field empty each time. The **Regenerate Schedule** process will be unsuccessful.

i)   Gest. Interval Type [Screenshot 13]

ii)   Interval [Screenshot 14]

Fields	Values	Outcome (If Empty)
Gest. Interval Type	Week / Month/ Year	Please provide Gestation Interval Type!
Interval	1	Please provide Gestation Interval!

S11: Generate **Repayment Schedule** by inserting values for all mandatory fields of "**Before Gestation Expiry"**:

Switch on "**After Gestation Expiry"**

Gest. Interval Type & **Interval** - two new mandatory fields will come to appear.

V11: Verify that two new fields appear named **Gest. Interval Type** & **Interval** for "**Before Gestation**

Expiry". The **Regenerate Schedule** process will be successful after providing values in both fields.

A confirmation popup will appear containing "**Schedule Generated Successfully**". Take a screenshot of the page for each of the respective scenarios and save to the designated storage for record keeping. [Screenshot 15]

S12: Risk and Hazard:

Throughout this testing, make sure all labeling, including messages, icons and messages of operation guidelines are accurate, written in short concise sentences, and written in simple and familiar words.

V12: Verify following items wherever appropriate:

Throughout this testing verify the AUT based on the following viewpoints:

i) Make sure that the user interface is simple, easy to understand and screen designs are clear, concise, consistent, complete and unambiguous.

ii) Make sure that the abbreviations, symbols, text and acronyms placed on or displayed by the AUT are consistent and unambiguous.

iii) Make sure that the AUT provides immediate and clear feedback following user entries, whenever necessary.

iv) Make sure that the operation steps are easy-to-remember.

v) Make sure that the prompts, menus, etc. are used to cue the user regarding important steps.

vi) Make sure that the AUT does not hang during run time or "strand" the user.

vii) Make sure that the AUT provides the users useful information in the case of an error. Make sure that the AUT provides conspicuous mechanisms for correction and troubleshooting guidance.

viii) Make sure that the AUT does not overload or confuse the users with information that is unformatted, densely packed or presented too briefly.

ix) Make sure that the use of symbols, icons, colors and abbreviations are acceptable to convey information reliably, precisely and quickly.

x) Make sure that dedicated display mechanisms are used for highly critical and time sensitive information.