User Acceptance Test Document

General Information

Project Name	Demand Project
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Document Control

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1.2 Document Sign-Off and Approvals

Role	Name	Position	Date	Signature
Stakeholder	Dr. Hussein Hosiny Hussein Hassanin	Animal production specialist	23/02/2023	
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User Acceptance Test Document

Document Description

This document is the User Acceptance Testing (UAT). UAT will be completed with the goal of ensuring that the system meets business needs. The objectives of this document are to show the outcome of user acceptance test and to define pass/fail criteria for each test.

Milestone Summary

Develop the complex feed P3 application from scratch in new technologies to resolve the issues/bug and improve the performance of the application. Add in any/all high-level features being tested copy of User Acceptance Testing.

Applications and modules affected

Application	Module
Complex Feed	All Modules

Features to be Tested

Test Scenario	Expected result	Actual result
ADAFSA User/ Admin		
Home Page:	For Admin and ADAFSA user, it should be the Eligibility Report page.	Success
Admin Notification Page:		
Admin Notification	1. Manual notification feature in which the admin can add a new message / file, this message will be available for all farmers or specified.	Success
Add Notification	1. When Click Add button in this page, one popup will open and user needs to fill Subject, content, Attachment, validity days (from the date of creation) and Is Common for all farmers (if this option is “Yes”, then this notification will be displayed to all the farmers otherwise system will ask to select	Success

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	the license numbers and display this notification to those selected famers only.)	
Notification Expiration	1. After validity period, the notification will be expired, and it will not be functioning/ displaying in farmer side.	Success
View notification Attachment	1. System allows user to view the uploaded the notification document by clicking the link under the Attachment column.	Success
Delete Notification	1. If user wants to delete the notification, then by clicking delete icon in respective row, they can delete the notification.	Success
Edit Notification	1. The valid notification only could be edit and save, the expired notification could not edit, only it can be view.	Success
Farm Master→ Farm Page:		
Farm	1. This page is listed all the registered farms in the complex feed system. 2. System allows user to export the farm details in excel by clicking export excel button. 3. Also, we have search box filter below most of the columns in farms table.	Success
Farm list	1. The veterinarian and manger details are getting from farm profile update details.	Success
Add farm in Complex Feed P3	1. When Admin/ADAFSA User register/ Add any farm in CFS, the basic details like Farm Name English, Farm Name Arabic, License Start date, License Expiry date, Owner Name, Mobile number, and Email are getting from SIEBEL using License Number as input by clicking search icon in the Farm license no. field.	Success
Add farm in Complex Feed P3	1. Except the details came from SIEBEL, all other details like Establishment Type, Area, Region, Farm Coordinate X, and Farm Coordinate Y could be entered manually.	Success
Add Business Activity to the Farm	1. When click Add Activity button, popup will open with the fields Business Activity, Number of Houses, Farm Capacity and Production Type.	Success

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	2. By selecting all these details and save the details, the activity can be added. 3. When Click the Save, the farm is created with details what we provided.	
Deactivate Business Activity	1. The Admin/ ADAFSA user can deactivate the Activity which is mapped to any farm and the deactivated details are displaying in the farm list. 2. The deactivated activities will not be visible inside the farm, it is visible only in the farm list and farm report.	Success
Change Business Activity	1. If user wants to change the business activity, then they should deactivate previous one and add the new one.	Success
Farm Master→ Eligibility Upload Page:		
Eligibility Upload	1. This page is displaying the eligibility quantity details of monthly farms for current month. 2. By using month and year filter we can view the relevant quantity details of farms.	Success
Add Eligibility	1. When click add eligibility button, system will display popup with select farm, Business Activity (the activities mapped for monthly cycle to the selected farm), Year, Month and Quantity. 2. By selecting these values, the user can add the eligibility quantity.	Success
Copy From Previous	1. When click copy from previous option, system will display the popup with From Year, From Month, To Year and To Month. 2. By selecting these values, the quantity which are available for from date will be copied to selected To Year period.	Success
Download Template	1. When click download template option, the excel file will be downloaded. 2. This file is used to import the eligibility data as bulk using import from excel option.	Success
Import From Excel	1. When click this, system ask to choose file to import the data from this file. This file name must be Export.	Success

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Export to Excel	1. This option allows user to export the data which are displaying in screen to excel sheet.	Success
Edit Eligibility Quantity	1. System allows user to edit the eligibility quantity by clicking the respective edit button. 2. When edit the quantity, if the value went below the already sold quantity, the alert will come like 'Sales (Amount) already exceeds the quantity for this activity'.	Success
Farm Master→ Farm License Expiry Page:		
Farm License Expiry	1. This page is listed the farms which has expired license. 2. By clicking edit option, user allows to update the license expiry date for selected farm.	Success
User Administration→ User management Page:		
User Management	1. This page allows Admin / ADAFSA user to create new users with the roles ADAFSA user, farm User, Supplier User, Inspection User, Finance, Business development Dept, Approval User and Audit User.	Success
Add User	1. When click Add New button, system will display the popup with User Name, User Email, Designation, Location and User Type. 2. By giving all these details, a new user could be created. 3. Also, admin/ AFDAFSA user can edit the user details and delete the details by selecting respective buttons.	Success
User Administration→ User Role management Page:		
User Role management	1. This page allows Admin / ADAFSA user to create new user roles. 2. Also, they can Edit / delete the relevant role details.	Success
User Administration→ User Page management Page:		Success

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User Page Management	1. This page is displaying all the roles and pages allowed for those roles with the search filter in the table. 2. It allows Admin / ADAFSA user to grant access for pages by selecting the role. 3. Also, permission of the page could be removed from the user role by deleting the relevant entry.	Success
Add Page access	1. If user wants to grant permission for a page for any role, then click Add new option, the system will display the popup with roles and pages. 2. By selecting the role and pages user grant access for pages to the selected role.	Success
Remove Page Access	1. If user wants to remove permission for a page for any role, then click delete button against respective entry.	Success
Feed Item Administration→ Feed Item Page:		
Feed Item	1. This page allows Admin / ADAFSA user to add new feed item / edit the previous feed item / delete the previous feed item. 2. Also, this page has Export to excel option to download the feed items details in the excel sheet.	Success
Feed Item Administration→ Feed Item Category Page:		
Feed Item Category	• This page allows Admin / ADAFSA user to add new feed item category / edit the previous feed item category / delete the previous feed item category.	Success
Feed Item Administration→ Item Business Activity Page:		
Item Business Activity	• This page allows Admin / ADAFSA user to add new Item Business Activity / edit the previous Item Business Activity / delete the previous Item Business Activity.	Success
Other-Administration→ Establishment Type Page:		
Establishment Type	• This page allows Admin / ADAFSA user to add new Establishment Type / edit the	Success

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	previous Establishment Type / delete the previous Establishment Type.	
Other-Administration→ Area Page:		
Area	• This page allows Admin / ADAFSA user to add new Area / edit the previous Area / delete the previous Area.	Success
Other-Administration→ Breed Page:		
Breed	• This page allows Admin / ADAFSA user to add new Breed / edit the previous Breed / delete the previous Breed.	Success
Other-Administration→ Region Page:		
Region	• This page allows Admin / ADAFSA user to add new Region / edit the previous Region / delete the previous Region.	Success
Other-Administration→ Supplier Page:		
Supplier	• This page allows Admin / ADAFSA user to add new Supplier / edit the previous Supplier / delete the previous Supplier.	Success
Other-Administration→ Immunization Page:		
Immunization	• This page allows Admin / ADAFSA user to add new vaccination Program / edit the previous vaccination Program / delete the previous vaccination Program.	Success
Other-Administration→ Day Old Chicks Page:		
Day Old Chicks	• This page allows Admin / ADAFSA user to add new Day-Old Chicks / edit the previous Day-Old Chicks / delete the previous Day-Old Chicks.	Success
Other-Administration→ Hatching Eggs Page:		
Hatching Eggs	• This page allows Admin / ADAFSA user to add new Hatching Eggs source/ edit the previous Hatching Eggs source / delete the previous Hatching Eggs source.	Success

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Other-Administration→ Sloughter House Page:		
Sloughter House	• This page allows Admin / ADAFSA user to add new Sloughter House / edit the previous Sloughter House / delete the previous Sloughter House.	Success
Other-Administration→ Inspection Status Page:		
Inspection Status	• This page allows Admin / ADAFSA user to add new Inspection Status / edit the previous Inspection Status / delete the previous Inspection Status.	Success
Settings → Approval Level Settings Page:		
Approval Level Settings	• This page is displaying the Approval users based on the Approval type selected in the dropdown.	Success
Add Approval Level	1. When click Add level button, system allows to map ADAFSA user to different type of Approvals (Farm Profile Update, New Production Cycle (monthly), New Production Cycle (periodic), Fulfilment Request, Farm Capacity Update. 2. Maximum 2 approval level is allowed for all approval types. 3. Multiple users can share the same approval level (If one absent, then other can do the approval process).	Success
Settings → System Settings Page:		
System Settings	1. This page is displaying the key items with key values. 2. If user wants to change the key value, this page is used. 3. **Example:** The ELIGIBILITYRATE key item has the value 2.5. If user wants to change this eligibility range, then go to this page and edit the respective button and do the change.	Success
Approval List Page:		Success

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Approval List	1. This page contains all the requests comes from farmer user for the approval types, Farm Profile Update, Farm Capacity Update, Production cycle monthly request, Production Cycle periodic request and Fulfillment Request.	Success
Approved Requests	1. Approval list page has the Approved requests checkbox to view the approved requests. 2. By default, it is displaying last 3 month approved requests. 3. If user wants to view the old records, then give the needed start date and end date filter and click Get Report button. 4. These approved requests contain the fields approved/ rejected by, approval/rejection date & time.	Success
Pending Approval List	1. All the admin / ADAFSA users can see all the pending requests from all approval users. 2. But the logged ADAFSA user can process only the requests which are available under his name. 3. Other requests are in not editable format. It is only for view the data.	Success
Approval List Process	1. When processing the request, If the action is Approve then comments are not mandatory (with or without comments user can approve the requests), 2. But for Rejection and More Info, the comments are mandatory.	Success
Production Cycle Monthly Request Approval	1. The approval can have multi levels and, in each level, respected ADAFSA user can verify the report and approve / Reject / ask more info for the request and notification will be sent to farmer on each action.	Success
Production Cycle Periodic Request Approval	1. The approval can have multi levels and, in each level, respected ADAFSA user can verify the attachment and approve / Reject / ask more info for the request and notification will be sent to farmer on each action.	Success

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	2. After approved this request by ADAFSA user, Farmer can proceed in booking the chicks and Advanced quota of 5-ton feed can be taken within 5 days before receiving chicks.	
Fulfillment Request Approval	1. The approval can have multi levels and, in each level, respected ADAFSA user can verify the report and approve / Reject / ask more info for the request and notification will be sent to farmer on each action.	Success
Cancel Feed Order Page:		
Cancel Feed Order	1. This page allows supplier and ADAFSA User to cancel the feed order.	Success
After Cancelled the Feed Order	2. After cancelled the feed order, the eligibility balance should be retained based on the cancelled quantity in the Farmers page.	Success
Example Scenario: * Let the Total Eligibility Balance is 500. * Farmer ordered for 100. Now balance changed to 400. * Then ADAFSA user cancelled the purchase order for 100.	1 Once purchase order for 100 is cancelled, the cancelled quantity will be re calculated and re-added to the balance quantity in farmer side. 2 Now the eligibility balance is 500.	Success
Cancel Invoice Page:		
Cancel Invoice	1. This page allows ADAFSA user to cancel the invoice based on supplier request.	Success
After cancelled the Invoice	1. After cancelled the invoice, the order is listed again in supplier page as a fresh order to regenerate the invoice and save the order. 2. This is not created any impact on eligibility balance in farmer side.	Success
Example Scenario: * Let the Total Eligibility Balance is 500. * Farmer ordered for 100. * Now balance changed to 400.	1. Since the invoice was cancelled, the changes done by supplier is reverted and now in supplier end, the order is listed again with original requested quantity. 2. But the Eligibility balance Quantity should not change in farmer side. It is same 400 only.	Success

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* ADAFSA user cancel the invoice for 100.		
Farm User:		
Home Page:	1. After farms registration, farm user login the CFS application and Farm profile acts as Home Page. 2. For first Farmer User login, the system asks to accept the terms and conditions in agreement (this is one time process when first login). 3. Also, if any notification added from ADAFSA user, that notification also comes in popup.	Success
Farmer agreement	1. When signing the agreement in farmer side, the system is asking Signed by, Emirates Id and Job Status and Signed Date from the farmer and generate the agreement pdf form with these details. 2. This agreement farm could be downloaded in farms report page by Admin / ADAFSA user.	Success
Farm Profile Page:		
Farm Profile	1. This Page contains the farmer details by splitting as 4 tabs, • Farm Details • Production Cycle History • Farm Eligibility details • Purchase History 2. Also have Farm Profile Update and Farm Capacity Update buttons.	Success
Farm Details Tab	1. The farm details tab is displaying in Farm Profile Page with the below details: • Farm License No.: • Farm Location: • Establishment Type: • Area: • Region: • License Start Date: • License Expiry Date: • Manager Name:	Success

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	• Manager Contact No.: • Manager Email: • veterinarian Name: • veterinarian Contact No.: • veterinarian Email: • Farm Co-ordinate X: • Farm Co-ordinate Y: 2. Business Activity details table 3. Farm owner details table	
Production Cycle History Tab	1. This tab displaying the history of production cycles details belongs to the logged farm user with the details: • Business Activity • Production Start Date • Production End Date • Status	Success
Farm Eligibility details Tab	1. This tab showing the eligibility balance details against each business activity. 2. The below fields are showing, • Business Activity • Total Quantity • Sales Quantity • Eligibility Balance	Success
Purchase History Tab	1. This tab displays the history of feed purchase by the logged farm user with the below fields: • Supplier Name • Business Activity • Order Date • Delivery Date • Invoice Date • Invoice No • Item Name • Sale Quantity • Delivery Quantity • Unit Price • Total Amount	Success
Farm Profile Update	1. In Farm Profile page, there is option to update the farm profile and license details (If only for expired license and within grace period (30 days)).	Success

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	2. If farm failed to update the license within grace period, all access suspended for that farm.	
Farm Profile details	1. After approved the farm profile details, the details will reflect in farms page and farms report.	Success
Farm Capacity Update	1. In Farm profile page, there is option to update the farm capacity details with the below details, • Business Activity • Number of Houses • Farm Capacity	Success
Production Cycle Monthly Request Page:		
Production Cycle Monthly Request	1. This page is listed the monthly request raised by farmer. 2. Also, this page has Submitted requests checkbox, by clicking this option, farm user can view the submitted requests.	Success
Add Production Cycle Monthly Request	1. Monthly cycle Farmers can raise request for production cycle once after their eligibility uploaded from Admin side. 2. During the request, farmers can enter the previous cycle details with production report attachment. 3. Based on the business activity, the report tabs will vary. 4. If the cycle request already raised for selected month and year, then the system will throw error. 5. If the monthly cycle requested date is beyond the 1-week period of production start date, then the system will throw error. 6. If the eligibility balance is not added for the selected month for this farm, the system will throw error. 7. The production report attachment is mandatory while submitting the request.	Success
Eligibility Balance Calculation for Monthly cycle farms.	1. ADAFSA User uploaded the eligibility for Monthly cycle farms using the Eligibility Upload Page. 2. After approved the production cycle monthly request by ADAFSA User, the	Success

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	eligibility quantity is taken from Eligibility upload page. 3. **Eligibility Quantity = Eligibility quantity from Eligibility upload page**	
Production cycle Periodic Request Page:		
Production cycle Periodic Request	1. This page is listed the periodic request raised by farmer. 2. Also, this page has Submitted requests checkbox, by clicking this option, farm user can view the submitted requests.	Success
Add Production cycle Periodic Request	1. Periodic cycle Farmers can raise request for production cycle by providing the Business Activity, Production Start date, Production End Date (This date automatically generated by adding 50 days from the start date), Number of Chicks. 2. They need to attach the chick's booking attachment. 3. Farmer will provide Source of Chicks and Source of Hatching Eggs. 4. After saved the order, they can submit the request by giving the confirmation and this request will be sent to Approval User. 5. After successful approved, the farmer will be getting temporary eligibility quota (5 ton) for prior 5 days from production Start date. 6. If any previous cycle is going on between the requested period, then the system will throw error. 7. If the periodic cycle requested date is beyond the 2-week period of production start date, then the system will throw error. 8. The difference between the production start date and requested date exceeding 30 days, then the system will throw error.	Success
New form should be available in the periodic farmer login, the farmer can download the form fill it and attach it at the end of the cycle	1. New form is available in the periodic farmer login, the farmer can download the form fill it and attach it when raising the fulfillment request.	Success

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Fulfillment Request Page:		
Fulfillment Request List	1. This page is listing the ongoing fulfillment requests for that farm user.	Success
Add Fulfillment Request	1. After approved the periodic cycle request from Admin side, farmer can raise fulfillment request. 2. By providing the production start date, the production End date will be populated automatically by adding 50 days from the start date. 3. After providing all the relevant fields and Day-Old chicks Tax Invoice attachment, user can be able to save the request. 4. After saved the request, without attaching previous cycle report attachment, system not allowing to submit the request to approval user 5. The user can download and printing the production report template from the menu and fill it and attach the scanned copy of filled report in the previous cycle report attachment section. 6. Then user can be submitting the fulfillment request to the approval user. 7. After successful approve, the farmer will be getting eligibility balance for that production period. 8. Once after previous fulfillment request closed, then only farmer can raise new request.	Success
Eligibility Balance Calculation for Periodic cycle farms.	1. System has been maintaining the maximum eligibility quantity as 71.4. 2. System will take the Chicks quantity for that cycle and Eligibility Rate of selected business Activity. Also take the farm capacity of that Farm. 3. System will confirm that chick's quantity should not exceed the farm capacity. If it exceeds, system will assign the farm capacity as chicks' quantity. 4. **Eligibility Quantity = (ChicksQuantity * ElgRate)/1000**	Success

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	5. If Eligibility Quantity is exceeding the maximum eligibility quantity, then system will assign the maximum eligibility quant as Eligibility Quantity.	
Feed Purchase Request:		
Feed Purchase Request List	1. This page lists the purchase request list which are saved by farmer user. Also, user can view the submitted requests by clicking Submitted request checkbox.	Success
Add Feed Purchase Request	1. After approving monthly request and periodic, fulfillment requests, both type of farm users have some eligibility balance to purchase the feeds and they can purchase the feeds within that eligibility balance for that cycle. 2. Based on selected business activity, the eligibility balance should be populated in Eligibility balance field. 3. Without adding a single item, user cannot be creating the purchase request, the system will throw error. 4. User can be adding multiple items in single order, but those items are not same, it should be different. 5. If user trying to add same item multiple times in single order, then the system will throw error. 6. Based on the value provided into the Quantity field, the total amount will be re calculated automatically. 7. If the quantity value is less than 0, then the system will throw error. 8. After saved the order, they can submit the order by giving the confirmation and this request will be sent to supplier End. 9. If the requested quantity is more than the eligibility balance quantity, then the system will throw error.	Success
Feed Purchase Request	1. After submitted the purchase order to supplier, the supplier sometimes save the order in supplier end without submitting that order.	Success

	2. In such case, if the order is pending in supplier side, the farmer could not raise the next order for the same activity. The system is displaying error message in farmer side "You have pending Feed request from Supplier End. Please raise the new request once the pending request Processed !"	
Example: Feed Purchase Request scenario for multiple items by removing / adding items.	1. Let the total eligibility quantity balance of a farm is- 100 2. Add new Item for quantity 25 and save the request. Now remaining quantity is 75. 3. Then edit the same request and try to add another item for quantity 35. Now remaining quantity is 40. 4. Then add another item for quantity 41--> **This will give error, since the requested quantity exceeds balance quantity.** 5. Remove the second item for quantity 35. Now remaining quantity is 75. 6. Again, try to add item for quantity 41 --> **The system will allow now.**	Success
	Supplier User	
Feed Delivery	1. This page is displaying the list of purchase requests submitted from Farmer user based on supplier. 2. By clicking Submitted Requests checkbox, user can see the submitted requests. 3. Also, a filter is available by invoice status. 4. This filter works based on sale report page action (approve / Reject / more info) by ADAFSA user. 5. If Supplier wants to cancel the generated invoice, then supplier can request ADAFSA user to cancel the relevant invoice by clicking the cancel icon under Request for Cancel Invoice column in Feed Delivery page. 6. Once raise cancel invoice request from Supplier end, ADAFSA users will receive mail with relevant invoice details. Then they can cancel the requested invoice.	Success

Edit Feed Delivery (Invoice Generation)	1. By clicking the edit icon under Edit column against each purchase request, supplier can view the purchase request details in another page. 2. In this page, supplier cannot increase the delivery quantity than requested quantity. 3. But supplier can decrease the requested feed quantity without any limit, but this also should be within that total Eligibility balance. 4. Based on the new feed quantity, the eligibility balance should be adjusted. 5. If the supplier given already used invoice number, then the system will throw error. 6. After providing all the details, system allows to save the order and will create the sale order for the same. 7. But when going to submit the order, supplier must upload the attachments (Tax Invoice and Delivery Note), without the attachment, system will not allow to submit the order.	Success
Cancel Feed Order Page:		
Cancel Feed Order	1. This page allows supplier and Supplier User to cancel the feed order.	Success
After Cancelled the Feed Order	1. After cancelled the feed order, the eligibility balance should be retained based on the cancelled quantity in the Farmers page.	Success
Example Scenario: * Let the Total Eligibility Balance is 500. * Farmer ordered for 100. Now balance changed to 400. * Then ADAFSA user cancelled the purchase order for 100.	1. Once purchase order for 100 is cancelled, the cancelled quantity will be re calculated and re-added to the balance quantity in farmer side. Now the eligibility balance is 500.	Success
Inspection User		
Fulfillment Inspection	1. The inspection page is listed the fulfillment inspection details.	Success

	2. System allows the inspection user to save and submit the data in single popup by clicking the edit icon under Edit / Submit column. 3. Also, System will ask to attach the signed copy of production period cycle report. 4. After that the system allows to submit the inspection details.	