

Integrated Digital Service Delivery Platform for Ministry of Agriculture



SOFTWARE REQUIREMENTS SPECIFICATION (SRS)

Component-06 National Virtual Crop Pest Museum

Version-2.0

Submitted by



Syntech Solution Ltd

For Your Business Automation

House# 45, Road# 20, Mohakhali DOHS, Dhaka# 1206, Bangladesh

Software Requirements Specification

For

Integrated Digital Service Delivery Platform For Ministry of Agriculture

Component 6: National Virtual Crop Pest Museum

Prepared By		Syntech Solution Limited
Document Pages		119
Version		2.0
Document Link		https://drive.google.com/drive/folders/1nqVamITIsOJZ1X0GTPKQi3ghP_-JjWSz

REVISION HISTORY

Ver. #	Date of Release	Prepared By	Reviewed By
1.0	27.12.2020	Md Amirul Islam Nadim	Rashed Ahmed
		Md. Selim	
2.0	16.01.2021	Md Amirul Islam Nadim	Rashed Ahmed
		Md. Selim	

Table of Contents

1. Feature Description	5
2. Overall Dashboard	8
3. Configuration	9
3.1. Information Type	9
3.2. Virtual Krishibid	11
3.3. Visiting hour	13
3.4. Enter Off Day	15
3.5. Tour Operator	17
3.6. Crop Type Entry	19
3.7. Crop Entry	21
3.8. Land & Soil Characteristics Type	23
3.9. Land & Soil Characteristics	25
3.10. Background Image Quality	27
3.11. Transmission Video Quality	29
3.12. Slide Bar Background Image Quality	31
3.13. Animation Quality	33
4. Museum Information Management	35
4.1. Museum Information	36
4.2. Pest Information	38
4.3. Crop Information	40
4.4. Soil Information	42
5. Tour Management	44
5.1. Visit Request	45
5.2. Feedback & Review	50
5.3. Reports	51
6. Pest Management System	55
6.1. Manage Insect	56
6.2. Manage Disease	62
7. Soil Management System	68
7.1. Manage Soil	69
8. Virtual Gallery Management System	71
8.1. Background Image	72

8.2. Transmission Video	74
8.3. Slide Bar Image	76
9. Content Management System	78
9.1. Manage Crops Gallery	79
9.2. Manage Pest Gallery	81
9.3. Manage Gallery Information	83
10. Virtual Museum (Public View)	85
10.1. Welcome Page	85
10.1.1. Museum Information	87
10.1.2. Sign Up	89
10.1.3. Sign In	91
10.1.4. Feedback & Review	95
10.1.5. Contact Us	95
10.1.6. Virtual Krishibid	95
10.2. Organization Page	96
10.3. Menu Page	98
10.3.1. Crop Information	100
10.3.1.1. Crop Type	100
10.3.1.1.1. Crop	100
10.3.2. Pest Information	102
10.3.2.1. Crop Type	102
10.3.2.1.1. Select Crop	102
10.3.2.1.1.1. Select Pest Category (Insect/Disease)	102
10.3.2.1.1.1.1. Select Insect	102
10.3.2.1.1.1.1.2. Select Disease	103
10.3.3. Soil Information	110
10.3.3.1. Crop Type	110
10.3.3.1.1. Crop	110
10.3.3.1.1.1. Information Bar	110
10.3.4. Gallery	115
10.3.4.1. Crops Gallery	115
10.3.4.1.1. View Crops Type	115
10.3.4.2. Pest Gallery	115

10.3.4.2.1. Insect	115
10.3.4.2.2. Diseases	115

1. Feature Description

Module-01: Museum Information Management

SL	Feature	Features Description	Integration	User
1	Museum Information	Here user will add museum basic information. It will show on welcome page.		Chief Operator/ Sr Admin
2	Pest Information	Here user can add pest name and description.		Chief Operator/ Sr Admin
3	Crop Information	Here user can add crop information.		Chief Operator/ Sr Admin
4	Soil Information	Here user can add soil information.		Chief Operator/ Sr Admin

Module-02: Tour Management

SL	Feature	Features Description	Integration	User
1	Visit Request	Here will show all visit requests from citizen panel. User can view, Review, Present, approve and reject the application.	E-Nothi, SMS Gateway, E-mail	Chief Operator/ Sr Admin/Department Head
2	Feedback & Review	Citizen can feedback and review for any reason. And the data will show here.		Chief Operator/ Sr Admin
3	Reports	Here system user can view visiting report with various searching parameter.		Chief Operator/ Sr Admin/Department Head/Head

Module-03: Pest Management System

SL	Feature	Features Description	Integration	User
1	Manage Insect	Here user can add various insect information, this information will view publicly.		Chief Operator/ Sr Admin
2	Manage Disease	Here user can add various Diseases information, this information will view publicly.		Chief Operator/ Sr Admin

Module-04: Soil Management System

SL	Feature	Features Description	Integration	User
1	Manage Soil	Here system user can add soil information.		Chief Operator/ Sr Admin

Module-05: Virtual Gallery Management System

SL	Feature	Features Description	Integration	User
1	Background Image	Here user can add or change museum background images.		Chief Operator/ Sr Admin
2	Transmission Video	Here user can add or change museum room transmission videos.		Chief Operator/ Sr Admin
3	Slide Bar Image	Here user can add or change museum Information slide bar background.		Chief Operator/ Sr Admin

Module-06: Content Management System

SL	Feature	Features Description	Integration	User
1	Manage Crops Gallery	Here user can upload crop images by selecting crop type and crop.		Chief Operator/ Sr Admin
2	Manage Pest Gallery	Here user can upload Pest images by selecting crop type, crop & Pest type.		Chief Operator/ Sr Admin
3	Manage Soil Gallery	Here user can upload Soil images by selecting soil property, Ingredient and name.		Chief Operator/ Sr Admin
4	Manage Gallery Information	Here user will approve the gallery content to publish.		Chief Operator/ Sr Admin/

2. Overall Dashboard

The screenshot displays the Admin Dashboard of the Integrated Digital Service Delivery Platform for the Ministry of Agriculture. The top navigation bar features the Indian National Emblem and the text "Welcome to Integrated Digital Service Delivery Platform for Ministry of Agriculture". Below this is a blue header bar with the title "National Virtual Crop Pest Museum". A horizontal menu bar includes links for Dashboard, Configuration, Museum Information Management, Tour Management, Pest Management System, Soil Management System, Virtual Gallery Management System, and Content Management System.

The main content area is titled "Welcome to Admin Dashboard" and includes a "Select Organization" dropdown set to "All" with a "Search" button. Below this are eight colored boxes showing various statistics:

- Total Museum: 03
- Total Crop: 1500
- Total Pest: 1120
- Total Soil: 1050
- Total Gallery: 03
- Total Gallery Image: 1350
- Total Video: 950
- Total Animation: 750

Two large charts are displayed below these statistics:

- Virtual Crop Pest Museum Status:** A bar chart showing the count of items across four categories: Total Crop (approx. 1500), Total Pest (approx. 1120), Total Soil (approx. 1050), and Total Gallery Image (approx. 1350).
- Museum Visit Request Status:** A pie chart showing the distribution of visit requests:

Status	Percentage
Approval Request	29%
Visit Request	23%
Pending Request	26%
Physical Visit	22%

Below these charts are two more sections:

- Pest Information Status:** A horizontal bar chart showing the count of diseases (Diseases, 506) and insects (Insect, 489).
- Gallery Image Status:** A horizontal bar chart showing the count of images for Soil Image (567), Pest Image (6446), and Crop Image (1234).

At the bottom right, there is a "Developed By" section featuring the Syntech Solution Ltd logo and the tagline "For Your Business Automation".

3. Configuration

3.1. Information Type

- Here system user can add new information type.

Add New (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Information Type (En)	Varchar	N/A	Yes
Information Type (Bn)	Varchar	N/A	Yes
Status (Active/Inactive)	N/A	N/A	Yes

Save

(Table Format)

SL No	Organization	Information Type (En)	Information Type (Bn)	Status	Action
					Edit / Delete



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Information Type

- Virtual Krishibid
- Visiting Hour
- Enter Off Day
- Tour Operator
- Crop Type Entry
- Crop Entry
- Land & Soil Characteristics Type
- Land & Soil Characteristics
- Background Image Quality
- Transmission Video Quality
- Slide Bar Background Image Quality
- Animation Quality

Information Type List

Add New

Information Type	All	Search		
   				
SI	Organization	Information Type	Status	Action
1				 
2				 

1 of 17 pages (200 items)

Add New Type

Select Organization *	<input type="text"/>
Information Type Name (EN) *	<input type="text"/>
Information Type Name BI *	<input type="text"/>
Status *	<input type="text"/>

Developed By  Syntech Solution Ltd
For Your Business Automation

3.2. Virtual Krishibid

- Virtual Krishibid is like a chatbot. System user will add relevant question and answer by information type.

Add New (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Select Information Type	N/A	N/A	Yes
Add Question	Varchar	N/A	Yes
Add Answer	Varchar	N/A	Yes

Save

(Table Format)

SL No	Organization	Information Type	Question	Answer	Action
					Edit / Delete



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Information Type

- Virtual Krishibid 
- Visiting Hour
- Enter Off Day
- Tour Operator
- Crop Type Entry
- Crop Entry
- Land & Soil Characteristics
- Background Image Quality
- Transmission Video Quality
- Slide Bar Background Image
- Animation Quality

Question

Sl	Organization	Information Type	Question	Answer	Action
1					 
2					 

1 of 17 pages (200 items) [Navigation Buttons]

Add New

Question

Select Organization *	<input type="text"/>	Information Type *	<input type="text"/>	Question *	<input type="text"/>	Answer *	<input type="text"/>
-----------------------	----------------------	--------------------	----------------------	------------	----------------------	----------	----------------------

Developed By  Syntech Solution Ltd
For Your Business Automation

3.3. Visiting hour

- Here system user can add visiting hour for physical visit operation.

Add New (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Number of slot Per day	integer	N/A	Yes
Example slot-1	Open time	Time	N/A
	Close time	Time	N/A
Example slot-2	Open time	Time	N/A
	Close time	Time	N/A
			Save



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Information Type

Virtual Krishibid

Visiting Hour

Enter Off Day

Tour Operator

Crop Type Entry

Crop Entry

Land & Soil Characteristics Type

Land & Soil Characteristics

Background Image Quality

Transmission Video Quality

Slide Bar Background Image Quality

Animation Quality

Visiting Hour

Add New

Select Organization *

Number of slot Per day *

Example slot-1

Open Time *  **Close Time *** 

Example slot-1

Open Time *  **Close Time *** 

Cancel **Save**

Developed By  **Syntech Solution Ltd**
For Your Business Automation

3.4. Enter Off Day

- Here system user can enter off day for physical visit.

Add New (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Select Year	N/A	N/A	Yes
Select Month	N/A	N/A	Yes
Select Date	Date	N/A	Yes
Reason	Varchar	N/A	No
Save			

(Table Format)

SL No	Organization	year	Month	Date	Reason	Action
						Edit / Delete

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration Museum Information Management Tour Management Pest management System Soil Management System Virtual Gallery Management System Content Management System

Information Type

Virtual Krishibid
Visiting Hour
Enter Off Day
Tour Operator
Crop Type Entry
Crop Entry
Land & Soil Characteristics Type
Land & Soil Characteristics
Background Image Quality
Transmission Video Quality
Slide Bar Background Image Quality
Animation Quality

Add New

Enter Off day All Search

SI	Organization	Year	Month	Date	Action
1					
2					

1 of 17 pages (200 items) 1 2 3 4 5 6 7 8 ...

Enter off day

Add New

Select Organization *
Select Year *
Select Month *
Select Date *

Reason

Cancel Save

Developed By Syntech Solution Ltd
For Your Business Automation

3.5. Tour Operator

- Here system user can add tour operator for physical visit operation.

Add New (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Name	Varchar	N/A	Yes
Designation	Varchar	N/A	Yes
Mobile No	Int	N/A	Yes
E-Mail Address	Varchar	N/A	Yes
Save			

(Table Format)

SL No	Organization	Name	Designation	Mobile No	E-Mail Address	Action
						Edit / Delete



Welcome to Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Information Type

- Virtual Krishibid
- Visiting Hour
- Enter Off Day
- Tour Operator
- Crop Type Entry
- Crop Entry
- Land & Soil Characteristics Type
- Land & Soil Characteristics
- Background Image Quality
- Transmission Video Quality
- Slide Bar Background Image Quality
- Animation Quality

Operator list

Add New

Sl	Organization	Name	Designation	Mobile	Email	Action
1						
2						

1 of 17 pages (200 items) [Navigation Buttons]

Add New Question

Select Organization *	<input type="text"/>
Name *	<input type="text"/>
Designation *	<input type="text"/>
Mobile No*	<input type="text"/>
Email Address*	<input type="text"/>

Cancel
Save

Developed By  **Syntech Solution Ltd**
For Your Business Automation

3.6. Crop Type Entry

- Here system user can add Crop Type.

Add New (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Crop Type (En)	Varchar	N/A	Yes
Crop Type (Bn)	Varchar	N/A	Yes
Upload Image	N/A	N/A	Yes
Status (Active/Inactive)	N/A	N/A	Yes
			Save

(Table Format)

SL No	Crop Type (En)	Crop Type (Bn)	Uploaded Image	Status	Action
					Edit / Delete

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration Museum Information Management Tour Management Pest management System Soil Management System Virtual Gallery Management System Content Management System

Information Type
Virtual Krishibid
Visiting Hour
Enter Off Day
Tour Operator
Crop Type Entry
Crop Entry
Land & Soil Characteristics Type
Land & Soil Characteristics
Background Image Quality
Transmission Video Quality
Slide Bar Background Image Quality
Animation Quality

Crop Type List

Add New

Crop Type All Search

SI	Crop Type	Status	Action
1			
2			

1 of 17 pages (200 items) 1 2 3 4 5 6 7 8 ...

Add Crop

Crop Type (EN) * Crop Type (Bn) *
Upload Image * Status *

Cancel Save

Developed By Syntech Solution Ltd
For Your Business Automation

3.7. Crop Entry

- Here system user can add Crop Name.

Add New (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Crop Type	N/A	N/A	Yes
Crop Name (En)	Varchar	N/A	Yes
Crop Name (Bn)	Varchar	N/A	Yes
Upload Image	N/A	N/A	Yes
			Save

(Table Format)

SL No	Crop Type	Crop Name (En)	Crop Name (Bn)	Uploaded Image	Action
					Edit / Delete



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Information Type

Virtual Krishibid

Visiting Hour

Enter Off Day

Tour Operator

Crop Type Entry

Crop Entry

Land & Soil Characteristics Type

Land & Soil Characteristics

Background Image Quality

Transmission Video Quality

Slide Bar Background Image Quality

Animation Quality

Crop List

Crop Type

All

Crop Name

All

Search

SI	Crop Name	Crop Type	Action
1			 
2			 

1 of 17 pages (200 items) « « 1 2 3 4 5 6 7 8 ... » »

Add Crop

Crop Type	*	
Crop Name (En)	*	
Crop Name (Bn)	*	
Upload Image	*	Browse
Cancel Save		

Developed By  Syntech Solution Ltd
For Your Business Automation

3.8. Land & Soil Characteristics Type

- Here system user can add Land & Soil Characteristics Type.

Add New (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Land &Soil Characteristics Type (En)	Varchar	N/A	Yes
Land &Soil Characteristics Type (Bn)	Varchar	N/A	Yes
Save			

(Table Format)

SL No	Land &Soil Characteristics Type	Action
		Edit / Delete

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration Museum Information Management Tour Management Pest management System Soil Management System Virtual Gallery Management System Content Management System

Information Type

Virtual Krishibid
Visiting Hour
Enter Off Day
Tour Operator
Crop Type Entry
Crop Entry
Land & Soil Characteristics Type 
Land & Soil Characteristics
Background Image Quality
Transmission Video Quality
Slide Bar Background Image Quality
Animation Quality

Land & Soil Characteristics Type

Add New Search

SL	Land & Soil Characteristics Type	Action
1		 
2		 

1 of 17 pages (200 items)

Land & Soil Characteristics Type (En) *
Land & Soil Characteristics Type (BN) *

Cancel Save

Developed By  Syntech Solution Ltd
For Your Business Automation

3.9. Land & Soil Characteristics

- Here system user can add Land & Soil Characteristics.

Add New (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Characteristics Type	N/A	N/A	Yes
Land &Soil Characteristics (En)	Varchar	N/A	Yes
Land &Soil Characteristics (Bn)	Varchar	N/A	Yes
Save			

(Table Format)

SL No	Land &Soil Characteristics Type	Land &Soil Characteristics	Action
			Edit / Delete

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration Museum Information Management Tour Management Pest management System Soil Management System Virtual Gallery Management System Content Management System

Information Type

Virtual Krishibid
Visiting Hour
Enter Off Day
Tour Operator
Crop Type Entry
Crop Entry
Land & Soil Characteristics Type
Land & Soil Characteristics
Background Image Quality
Transmission Video Quality
Slide Bar Background Image Quality
Animation Quality

Add New

Land & Soil Characteristics

SL	Land & Soil Characteristics Type	Land & Soil Characteristics	Action
1			
2			

1 of 17 pages (200 items)

Land & Soil Characteristics

Select Characteristics Type *

Land & Soil Characteristics (En) *

Land & Soil Characteristics (Bn) *

Cancel **Save**

Developed By  Syntech Solution Ltd
For Your Business Automation

3.10. Background Image Quality

- The Background Image Quality selection is the minimum quality to upload a photo as a background image.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Image Quality	N/A	N/A	Yes
			Save

(Table Format)

SL No	Background Image Resolution	Action
		Edit

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration Museum Information Management Tour Management Pest management System Soil Management System Virtual Gallery Management System Content Management System

Information Type

Virtual Krishibid
Visiting Hour
Enter Off Day
Tour Operator
Crop Type Entry
Crop Entry
Land & Soil Characteristics Type
Land & Soil Characteristics
Background Image Quality 
Transmission Video Quality
Slide Bar Background Image Quality
Animation Quality

Add New

SI	Background Image Resolution	Action
1		
2		

Add Image Quality

Select Image Quality *

Cancel Save

Developed By  Syntech Solution Ltd
For Your Business Automation

3.11. Transmission Video Quality

- The Transmission Video Quality selection is the minimum quality to upload a video as a Transmission Video.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Video Quality	N/A	N/A	Yes
			Save

(Table Format)

SL No	Transmission Video Quality	Action
		Edit

 Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Information Type

- Virtual Krishibid
- Visiting Hour
- Enter Off Day
- Tour Operator
- Crop Type Entry
- Crop Entry
- Land & Soil Characteristics Type
- Land & Soil Characteristics
- Background Image Quality
- Transmission Video Quality
- Slide Bar Background Image Quality
- Animation Quality

Add New

SI	Transmission Video Quality	Action
1		
2		

Add Image Quality

Select Video Quality *

Cancel Save

Developed By  Syntech Solution Ltd
For Your Business Automation

3.12. Slide Bar Background Image Quality

- The Slide Bar Background Image Quality selection is the minimum quality to upload a photo as a Slide bar background image.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Image Quality	N/A	N/A	Yes
			Save

(Table Format)

SL No	Slide Bar Background Image Resolution	Action
		Edit



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Information Type

- Virtual Krishibid
- Visiting Hour
- Enter Off Day
- Tour Operator
- Crop Type Entry
- Crop Entry
- Land & Soil Characteristics Type
- Land & Soil Characteristics
- Background Image Quality
- Transmission Video Quality
- Slide Bar Background Image Quality
- Animation Quality

Add New

Sl	Slide Bar Background Image Quality	Action
1		
2		

Add Image Quality

Slide bar background Image *

Cancel Save

Developed By  Syntech Solution Ltd
For Your Business Automation

3.13. Animation Quality

- The Animation Quality selection is the minimum quality to upload a video as an Animation Video.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Animation Quality	N/A	N/A	Yes
			Save

(Table Format)

SL No	Transmission Video Quality	Action
		Edit

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Information Type

- Virtual Krishibid
- Visiting Hour
- Enter Off Day
- Tour Operator
- Crop Type Entry
- Crop Entry
- Land & Soil Characteristics Type
- Land & Soil Characteristics
- Background Image Quality
- Transmission Video Quality
- Slide Bar Background Image Quality
- Animation Quality

Add New

SI	Animation	Action
1		
2		

Add Image Quality

Select Animation Quality *

Cancel Save

Developed By  Syntech Solution Ltd
For Your Business Automation

4. Museum Information Management

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Dashboard 

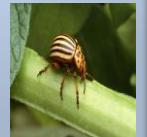
Museum Information

Pest Information

Crop Information

Soil Information

3 
Total Museum

7 
Total Pest

10 
Total Crop

12 
Soil Information

Developed By  Syntech Solution Ltd
For Your Business Automation

4.1. Museum Information

- Here system user will add museum basic information. It will show on welcome page.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Museum Name (En)	Varchar	N/A	Yes
Museum Name (Bn)	Varchar	N/A	Yes
Museum Description (En)	Varchar	N/A	Yes
Museum Description (Bn)	Varchar	N/A	Yes
Museum Location	N/A	N/A	No
Museum Schedule	Time	N/A	Yes
Other Information (En)	Varchar	N/A	No
Other Information (Bn)	Varchar	N/A	No
Contact Us	Varchar	N/A	No
			Save

(Table Format)

SL No	Organization	Museum Name	View Details	Action
				Edit/ Delete



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Museum Information

Pest Information

Crop Information

Soil Information

Museum Info list

Sl	Organization	Museum Name	View details	Action
1				 
2				 

1 of 17 pages (200 items)

Add New

Add New Museum

Select Organization *	<input type="text"/>		
Museum Name (En) *	<input type="text"/>		
Museum Name (Bn) *	<input type="text"/>		
Location *			
Schedule On Time *		Schedule Off Time *	
			
Other Information (En) <input type="text"/>			
Other Information (Bn) <input type="text"/>			
Contact Us * <input type="text"/>			
Description (En) * <input type="text"/>			
Description (Bn) * <input type="text"/>			
<input type="button" value="Cancel"/> <input type="button" value="Save"/>			

Developed By  Syntech Solution Ltd
For Your Business Automation

4.2. Pest Information

- Here system user can add pest name and description.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Pest Name (En)	Varchar	N/A	Yes
Pest Name (Bn)	Varchar	N/A	Yes
Pest Scientific Name (Only Italic Font)	Varchar	N/A	Yes
Pest Description (En)	Varchar	N/A	No
Pest Description (Bn)	Varchar	N/A	No
Save			

(Table Format)

SL No	Organization	Pest Name	Description	Action
				Edit/ Delete

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration Museum Information Management Tour Management Pest management System Soil Management System Virtual Gallery Management System Content Management System

Dashboard Museum Information Pest Information Crop Information Soil Information

Pest List

SI	Organization	Pest Name	Description	Action
1				
2				

1 of 17 pages (200 items)

Add New

Add New information

Select Organization * Pest Description (En) *
Pest Name (En) * Pest Description (En) *
Pest Name (Bn) *
Pest Scientific Name *

Cancel **Save**

Developed By Syntech Solution Ltd
For Your Business Automation

4.3. Crop Information

- Here system user can add crop information.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Select Crop Type	N/A	N/A	Yes
Crop Name (En)	Varchar	N/A	Yes
Crop Name (Bn)	Varchar	N/A	Yes
Crop Description (En)	Varchar	N/A	No
Crop Description (Bn)	Varchar	N/A	No
Save			

(Table Format)

SL No	Organization	Crop Type	Crop Name	Description	Action
					Edit/ Delete

The screenshot displays the homepage of the Integrated Digital Service Delivery Platform for the Ministry of Agriculture. At the top left is the logo of the Ministry of Agriculture, Bangladesh. The main title "Welcome to Integrated Digital Service Delivery Platform for Ministry of Agriculture" is centered above a dark blue header bar. Below the header, the text "National Virtual Crop Pest Museum" is visible. A horizontal menu bar contains seven items: Configuration, Museum Information Management, Tour Management, Pest management System, Soil Management System, Virtual Gallery Management System, and Content Management System. On the left, a sidebar lists four categories: Museum Information, Pest Information, Crop Information, and Soil Information, with a cursor pointing at the Crop Information link. The central area features two main sections: a "Crop List" table and an "Add New" form. The Crop List table has columns for SL, Organization, Crop Type, Crop Name, Description, and Action. It shows two entries: SL 1, Organization All, Crop Type All, Crop Name All, Description All, and Action (edit, delete). The Add New form includes fields for Select Organization, Select Crop Type, Crop Name (En) and Crop Name (Bn), Crop Description (En) and Crop Description (Bn), and two buttons: Cancel and Save. At the bottom right, there is a "Developed By" section with the Syntech Solution Ltd logo.

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration Museum Information Management Tour Management Pest management System Soil Management System Virtual Gallery Management System Content Management System

Museum Information

Pest Information

Crop Information

Soil Information

Crop List

SL	Organization	Crop Type	Crop Name	Description	Action
1	All	All	All	All	
2	All	All	All	All	

1 of 17 pages (200 items)

Add New

Add New information

Select Organization *

Select Crop Type *

Crop Name (En) *

Crop Name (Bn) *

Crop Description (En)

Crop Description (Bn)

Cancel Save

Developed By

Syntech Solution Ltd

4.4. Soil Information

- Here system user can add soil information.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Select Soil Characteristics Type	N/A	N/A	Yes
Description (En)	Varchar	N/A	No
Description (Bn)	Varchar	N/A	No
Save			

(Table Format)

SL No	Organization	Characteristics Type	Description	Action
				Edit/ Delete



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Dashboard

Museum Information

Pest Information

Crop Information

Soil Information

Soil Information List

Organization: All Characteristics Type: All

Add New

SI	Organization	Characteristics Type	Description	Action
1				
1				

1 of 17 pages (200 items) 1 2 3 4 5 6 7 8 ...

Add New information

Select organization *

Select Soil Characteristics Type *

Soil Description (En)

Soil Description (Bn)

Cancel **Save**

Developed By



5. Tour Management

The screenshot displays the homepage of the 'Integrated Digital Service Delivery Platform for Ministry of Agriculture'. At the top, there is a green header bar with the text 'Welcome to Integrated Digital Service Delivery Platform for Ministry of Agriculture' and the logo of the Ministry of Agriculture, Bangladesh. Below the header is a dark blue navigation bar with the text 'National Virtual Crop Pest Museum'. The main content area features a sidebar on the left with links: 'Dashboard' (highlighted with a cursor icon), 'Visit Request', 'Feedback & Review', and 'Report'. The main panel contains a pie chart titled 'DASHBOARD' showing the distribution of requests. The legend indicates three categories: 'Total Visit Request' (blue), 'Total Feedback & Review' (orange), and 'Total Pending Request' (green). The data points are: Total Visit Request (5), Total Feedback & Review (2), and Total Pending Request (3). At the bottom right, there is a 'Developed By' section featuring the Syntech Solution Ltd logo and the tagline 'For Your Business Automation'.

Category	Value
Total Visit Request	5
Total Feedback & Review	2
Total Pending Request	3

Developed By  Syntech Solution Ltd
For Your Business Automation

5.1. Visit Request

- Here will show all visit requests from citizen panel.
- System user can view, Review, Present, approve and reject the application.

(Table Format)

S L N o	Organizat ion	Request Id	Request Type	Contact Person	Mobile No	Status	Notes	View Applicati on
								View

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Dashboard Visit Request List

Visit Request 

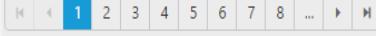
Feedback & Review

Report

Organization All Request ID All Request Type All Search

SI	Organization	Request Id	Request Type	Contact Person	Mobile No	Status	Notes	View Application
1								View
2								View

1 of 17 pages (200 items) 

Developed By 
For Your Business Automation

View (Button)

National Virtual Crop Pest Museum

Online Visit Request

Date: 12/12/2020

Organization:

Visit Request ID:.....

Visit Request Type:.....

Institute Name:.....

Contact Person:.....

NID No:.....

Mobile Number:.....

Email Address:.....

Requested Visit Date:.....

Time Slot:

Remarks:.....

Action Buttons = (Review), (Present), (Approve), (Reject),

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Dashboard

Visit Request 

Feedback & Review

Report

National Virtual Crop Pest Museum

Online Visit Request

Print **Download**

Date : 12/12/2020

Organization :

Visit Request Id :

Visit Request Type :

Institute Name :

Contact Person :

Mobile Number:

Requested Visit Date:

NID Number:

Email Address :

Time Slot :

Remarks :

Review **Present** **Approve** **Reject**

Developed By  Syntech Solution Ltd
For Your Business Automation

Review (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Review Note	Varchar	N/A	Yes
Availability Date (Multiple Date Selection on single Calendar)	Date	N/A	Yes
Submit			

Present (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
By applying this button, the application will redirect to the e-Nothi System for Approval.			

Approve (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Tour Operator	N/A	N/A	Yes
Note	Varchar	N/A	Yes
<ul style="list-style-type: none">By applying this button, system will show successful message of approval.System user will set a tour operator with notes. Tour operator and applicant will get notification with schedule date and time.			

Reject (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Reject Note	Varchar	N/A	Yes
Submit			

5.2. Feedback & Review

- Citizen can feedback and review for any reason.

SL No	Organization	Reviewer Name	Reviewer ID	Review	Feedback Message
				***** (Stars)	



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Dashboard

Visit Request

Feedback & Review 

Report

Feedback & Review list

Organization
Reviewer Name
Reviewer Id
Search

SI
Organization
Reviewer Name
Reviewer Id
Review
Feedback Message

1				++++	
2				++++	

1 of 17 pages (200 items)
<
1
2
3
4
5
6
7
8
...
>
>>

Developed By  Syntech Solution Ltd
For Your Business Automation

5.3. Reports

- Here system user can view visiting report with various searching parameter.

(Searching Parameter)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Select Request Type (Individual / Institutional)	N/A	N/A	Yes
Application ID	Varchar	N/A	Yes
Status (Reviewed/ Rejected, Presented/ Approved/ Visited)	N/A	N/A	Yes
From Date	Date	N/A	Yes
To Date	Date	N/A	Yes
			Search

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration Museum Information Management Tour Management Pest management System Soil Management System Virtual Gallery Management System Content Management System

Dashboard
Visit Request
Feedback & Review
Report

 National Virtual Crop Pest Museum

Reports Print Download Date : 12/12/2020

Select Organization *
Select Request Type *
Application Id *
Status *
From Date * To Date *

Search

Developed By  Syntech Solution Ltd
For Your Business Automation

(Search Report)

S L N o	Organizati on	Request ID	Request Type	Contact Person	Mobile No	Status	Notes	View Applicati on
								View

- User can view the individual visit application.

View (Button)

National Virtual Crop Pest Museum	
<u>Online Visit Request</u>	
Status: (Reviewed/ Rejected/ Presented/ Approved/ Visited)	
Organization:	
Visit Request ID:.....	
Visit Request Type:.....	
Contact Person:.....	
Mobile Number:.....	
Email Address:.....	
Requested Visit Date:.....	
Time:	
Notes:.....	
Action Button = (Close)	


 Welcome to
 Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

[Configuration](#)
[Museum Information Management](#)
[Tour Management](#)
[Pest management System](#)
[Soil Management System](#)
[Virtual Gallery Management System](#)
[Content Management System](#)

Dashboard
Visit Request
Feedback & Review
Report


Report List
Add New

Sl	Organization	Request Id	Request Type	Contact Person	Mobile	Status	Notes	View Application
1								 
2								

1 of 12 pages (200 items) [Navigation icons]

N
National Virtual Crop Pest Museum

Online Visit Request

[Print](#)
[Download](#)
Date : 12/12/2020

Status: (Reviewed / Rejected / Presented / Approved / Visited)

Organization:

Visit Request Id:

Visit Request Type:

Contact Person:

Mobile Number:

Email Address:

Time:

Requested Visit Date:

Notes:

[Close](#)

Developed By 

6. Pest Management System

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Dashboard 

Manage Insect

Manage Disease



3

Total Insect



7

Total Disease

Developed By  Syntech Solution Ltd
For Your Business Automation

6.1. Manage Insect

- Here system user can add various insect information, this information will view publicly.

Field Name	Data Type	Data Length	Mandatory (Yes/No)	
Select Organization	N/A	N/A	Yes	
Select Crop Type	N/A	N/A	Yes	
Select Crop	N/A	N/A	Yes	
Insect Name (En)	Varchar	N/A	Yes	
Insect Name (Bn)	Varchar	N/A	Yes	
Description (En)	Varchar	N/A	Yes	
Description (Bn)	Varchar	N/A	Yes	
Life Cycle	Description	Varchar	N/A	No
	Upload Photo	N/A	N/A	No
	Save	N/A	N/A	No
Destructive Stage	Description	Varchar	N/A	No
	Upload Photo	N/A	N/A	No
	Save	N/A	N/A	No
Attacking Parts of Plant	Description	Varchar	N/A	No
	Upload Photo	N/A	N/A	No
	Save	N/A	N/A	No
Effect on Plant	Description	Varchar	N/A	No
	Upload Photo	N/A	N/A	No
	Save	N/A	N/A	No

Symptom	Description	Varchar	N/A	No
	Upload Photo	N/A	N/A	No
	Save	N/A	N/A	No
Management	Description	Varchar	N/A	No
	Upload Photo	N/A	N/A	No
	Save	N/A	N/A	No
Status (Active/Inactive)		N/A	N/A	Yes
(Cancel) , (Save)				

(Table Format)

SL No	Corp Type	Crop	Status	Action
				View (Button), Delete (Button),



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Manage InsectManage Disease

Insect List

Add New

Crop Type **Status**    

Sl	Crop Type	Crop	Status	Action
1				<input type="button" value="View"/> <input type="button" value="Delete"/>
2				<input type="button" value="View"/> <input type="button" value="Delete"/>

1 of 17 pages (200 items)

Developed By  **Syntech Solution Ltd**
For Your Business Automation



Welcome to Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Manage Insect	
Manage Disease	

Add New Insect Information

Select Organization *	<input type="text"/>		
Select Crop Type *	<input type="text"/>	Select Crop *	<input type="text"/>
Insect Name (En) *	<input type="text"/>	Insect Name (Bn) *	<input type="text"/>
Description (En) *	<input type="text"/>	Description (Bn) *	<input type="text"/>

Life Cycle

Description *	<input type="text"/>	Upload Photo *	<input type="button" value="Browse"/>	<input type="button" value="Save"/>
---------------	----------------------	----------------	---------------------------------------	-------------------------------------

Destructive Stage

Description *	<input type="text"/>	Upload Photo *	<input type="button" value="Browse"/>	<input type="button" value="Save"/>
---------------	----------------------	----------------	---------------------------------------	-------------------------------------

Attacking Parts of Plant

Description *	<input type="text"/>	Upload Photo *	<input type="button" value="Browse"/>	<input type="button" value="Save"/>
---------------	----------------------	----------------	---------------------------------------	-------------------------------------

Effect on Plant

Description *	<input type="text"/>	Upload Photo *	<input type="button" value="Browse"/>	<input type="button" value="Save"/>
---------------	----------------------	----------------	---------------------------------------	-------------------------------------

Symptom

Description *	<input type="text"/>	Upload Photo *	<input type="button" value="Browse"/>	<input type="button" value="Save"/>
---------------	----------------------	----------------	---------------------------------------	-------------------------------------

Management

Description *	<input type="text"/>	Upload Photo *	<input type="button" value="Browse"/>	<input type="button" value="Save"/>
---------------	----------------------	----------------	---------------------------------------	-------------------------------------

Status *

Developed By  Syntech Solution Ltd
For Your Business Automation

View (Button)

National Virtual Crop Pest Museum

Insect Information

Status: (Active / Inactive)

Organization:

Insect Name:.....

Description:

SI	Info Parameter	Description	Photo
1	Life Cycle
2	Destructive Stage
3	Attacking Parts of Plant
4	Effect on Plant
5	Symptom
6	Management

Action Button = (Close) , (Edit)



National Virtual Agriculture Museum

Insect Information

[Print](#) [Download](#)

Status : Active/Inactive

Organization :

Insect Name :

Date : 12/12/2020

Insect Description :

SI	Info Parameter	Description	Status
1	Life Cycle
2	Destructive Stage		
3	Attacking Parts of Plant		
4	Effect on Plant		
5	Symptom		
6	Management		

[Close](#) [Edit](#)

Developed By



6.2. Manage Disease

- Here system user can add various Diseases information, this information will view publicly.

Field Name	Data Type	Data Length	Mandatory (Yes/No)	
Select Organization	N/A	N/A	Yes	
Select Crop Type	N/A	N/A	Yes	
Select Crop	N/A	N/A	Yes	
Disease Name (En)	Varchar	N/A	Yes	
Disease Name (Bn)	Varchar	N/A	Yes	
Description (En)	Varchar	N/A	Yes	
Description (Bn)	Varchar	N/A	Yes	
Life Cycle	Description	Varchar	N/A	No
	Upload Photo	N/A	N/A	No
	Save	N/A	N/A	No
Destructive Stage	Description	Varchar	N/A	No
	Upload Photo	N/A	N/A	No
	Save	N/A	N/A	No
Attacking Parts of Plant	Description	Varchar	N/A	No
	Upload Photo	N/A	N/A	No
	Save	N/A	N/A	No
Effect on Plant	Description	Varchar	N/A	No
	Upload Photo	N/A	N/A	No
	Save	N/A	N/A	No

Symptom	Description	Varchar	N/A	No
	Upload Photo	N/A	N/A	No
	Save	N/A	N/A	No
Management	Description	Varchar	N/A	No
	Upload Photo	N/A	N/A	No
	Save	N/A	N/A	No
Status (Active/Inactive)		N/A	N/A	Yes
(Cancel) , (Save)				

(Table Format)

SL No	Corp Type	Crop	Status	Action
				View (Button), Delete (Button),

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration Museum Information Management Tour Management Pest management System Soil Management System Virtual Gallery Management System Content Management System

Manage Insect Manage Disease Add New

Disease List

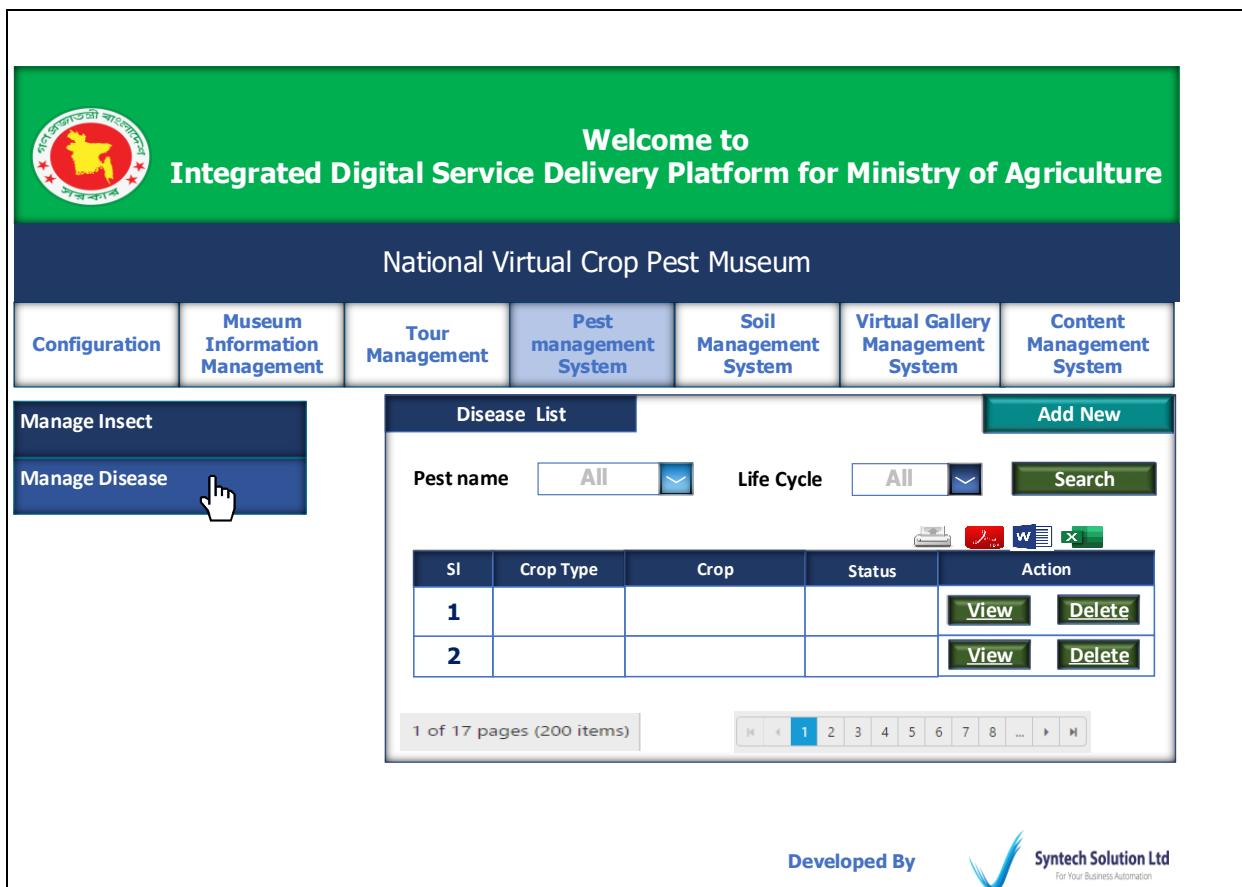
Pest name: All Life Cycle: All Search

SI Crop Type Crop Status Action

SI	Crop Type	Crop	Status	Action
1				View Delete
2				View Delete

1 of 17 pages (200 items) 1 2 3 4 5 6 7 8 ...

Developed By  Syntech Solution Ltd
For Your Business Automation





Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Manage Insect

Manage Disease 

<p>Select Organization *</p> <input type="text"/>	<p>Select Crop Type *</p> <input type="text"/>	<p>Select Crop *</p> <input type="text"/>			
<p>Disease Name (En) *</p> <input type="text"/>	<p>Disease Name (Bn) *</p> <input type="text"/>				
<p>Description (En) *</p> <input type="text"/>	<p>Description (Bn) *</p> <input type="text"/>				
<p>Life Cycle</p> <table border="0" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 30%; vertical-align: top;"><p>Description *</p><input type="text"/></td><td style="width: 30%; vertical-align: top;"><p>Upload Photo *</p><input type="button" value="Browse"/></td><td style="width: 40%; vertical-align: top;"><input type="button" value="Save"/></td></tr></table>			<p>Description *</p> <input type="text"/>	<p>Upload Photo *</p> <input type="button" value="Browse"/>	<input type="button" value="Save"/>
<p>Description *</p> <input type="text"/>	<p>Upload Photo *</p> <input type="button" value="Browse"/>	<input type="button" value="Save"/>			
<p>Destructive Stage</p> <table border="0" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 30%; vertical-align: top;"><p>Description *</p><input type="text"/></td><td style="width: 30%; vertical-align: top;"><p>Upload Photo *</p><input type="button" value="Browse"/></td><td style="width: 40%; vertical-align: top;"><input type="button" value="Save"/></td></tr></table>			<p>Description *</p> <input type="text"/>	<p>Upload Photo *</p> <input type="button" value="Browse"/>	<input type="button" value="Save"/>
<p>Description *</p> <input type="text"/>	<p>Upload Photo *</p> <input type="button" value="Browse"/>	<input type="button" value="Save"/>			
<p>Attacking Parts of Plant</p> <table border="0" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 30%; vertical-align: top;"><p>Description *</p><input type="text"/></td><td style="width: 30%; vertical-align: top;"><p>Upload Photo *</p><input type="button" value="Browse"/></td><td style="width: 40%; vertical-align: top;"><input type="button" value="Save"/></td></tr></table>			<p>Description *</p> <input type="text"/>	<p>Upload Photo *</p> <input type="button" value="Browse"/>	<input type="button" value="Save"/>
<p>Description *</p> <input type="text"/>	<p>Upload Photo *</p> <input type="button" value="Browse"/>	<input type="button" value="Save"/>			
<p>Effect on Plant</p> <table border="0" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 30%; vertical-align: top;"><p>Description *</p><input type="text"/></td><td style="width: 30%; vertical-align: top;"><p>Upload Photo *</p><input type="button" value="Browse"/></td><td style="width: 40%; vertical-align: top;"><input type="button" value="Save"/></td></tr></table>			<p>Description *</p> <input type="text"/>	<p>Upload Photo *</p> <input type="button" value="Browse"/>	<input type="button" value="Save"/>
<p>Description *</p> <input type="text"/>	<p>Upload Photo *</p> <input type="button" value="Browse"/>	<input type="button" value="Save"/>			
<p>Symptom</p> <table border="0" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 30%; vertical-align: top;"><p>Description *</p><input type="text"/></td><td style="width: 30%; vertical-align: top;"><p>Upload Photo *</p><input type="button" value="Browse"/></td><td style="width: 40%; vertical-align: top;"><input type="button" value="Save"/></td></tr></table>			<p>Description *</p> <input type="text"/>	<p>Upload Photo *</p> <input type="button" value="Browse"/>	<input type="button" value="Save"/>
<p>Description *</p> <input type="text"/>	<p>Upload Photo *</p> <input type="button" value="Browse"/>	<input type="button" value="Save"/>			
<p>Management</p> <table border="0" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 30%; vertical-align: top;"><p>Description *</p><input type="text"/></td><td style="width: 30%; vertical-align: top;"><p>Upload Photo *</p><input type="button" value="Browse"/></td><td style="width: 40%; vertical-align: top;"><input type="button" value="Save"/></td></tr></table>			<p>Description *</p> <input type="text"/>	<p>Upload Photo *</p> <input type="button" value="Browse"/>	<input type="button" value="Save"/>
<p>Description *</p> <input type="text"/>	<p>Upload Photo *</p> <input type="button" value="Browse"/>	<input type="button" value="Save"/>			
<p>Status * <input type="text"/></p>					
<input type="button" value="Cancel"/> <input type="button" value="Save"/>					

Developed By  Syntech Solution Ltd
For Your Business Publication

View (Button)

National Virtual Crop Pest Museum

Disease Information

Status: (Active / Inactive)

Organization:

Disease Name:.....

Description:

SI	Info Parameter	Description	Photo
1	Life Cycle
2	Destructive Stage
3	Attacking Parts of Plant
4	Effect on Plant
5	Symptom
6	Management

Action Button = (Close) , (Edit)



National Virtual Agriculture Museum

Disease Information

[Print](#) [Download](#)

Status : Active/Inactive

Organization

Disease Name :

Date : 12/12/2020

Disease Description :

Sl	Info Parameter	Description	Status
1	Life Cycle
2	Destructive Stage		
3	Attacking Parts of Plant		
4	Effect on Plant		
5	Symptom		
6	Management		

[Close](#) [Edit](#)

Developed By



7. Soil Management System

Welcome to
Integrated Digital Service Delivery Platform for Ministry of
Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Dashboard 

Manage Soil

11 

Total Soil Property

7 

Total Soil Ingredient

11 

Total Soil Name

7 

Total Soil Range

Developed By  Syntech Solution Ltd
For Your Business Automation

7.1. Manage Soil

- Here system user can add soil information.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Select Crop Type	N/A	N/A	Yes
Select Crop	N/A	N/A	Yes
Select Land & Soil Characteristics Type	N/A	N/A	Yes
Select Land & Soil Characteristics	N/A	N/A	Yes
Example -1 (Land & Soil Characteristics Name)	Details	Varchar	N/A
	Effect on Plant	Varchar	N/A
Example -2 (Land & Soil Characteristics Name)	Details	Varchar	N/A
	Effect on Plant	Varchar	N/A
Save			

- Land & Soil Characteristics Name can be add multiple. And save once.

(Table Format)

SL No	Organization	Crop Type	Crop	Characteristics Type	Characteristics	Action
						Edit, Delete



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

[Configuration](#)
[Museum Information Management](#)
[Tour Management](#)
[Pest management System](#)
[Soil Management System](#)
[Virtual Gallery Management System](#)
[Content Management System](#)

Manage Soil 

Soil List

Organization
Crop Type
Select Crop
Search
    

Sl	Organization	Crop Type	Select Crop	Characteristics Type	Characteristics	Action
1						 
2						 

1 of 17 pages (200 items) 1 2 3 4 5 6 7 8 ...

Add New

Select Organization *

Select Crop Type *

Select Crop *

Select Land & Soil Characteristics Type *

Select Land & Soil Characteristics *

Add more

Example -1 (Land & Soil Characteristics Name)

Details *

Effect on Plant *

Example -2 (Land & Soil Characteristics Name)

Details *

Effect on Plant *

Developed By  **Syntech Solution Ltd**
For Your Business Automation

8. Virtual Gallery Management System

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
Dashboard						
Background Image						
Transmission Video						
Slide Bar Image						

10 Total Background Image

7 Total Transmission Video

13 Total Slide bar Image

Developed By Syntech Solution Ltd
For Your Business Automation

8.1. Background Image

- Here system user can add or change museum background images.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Select Museum Page (Welcome Page / Menu Page / Slide Page)	N/A	N/A	Yes
Image Resolution (Auto)	N/A	N/A	Yes
Upload Image	N/A	N/A	Yes
Save			

(Table Format)

SL No	Organization	Museum Page	Image Resolution	Uploaded Image	Action
					Edit / Delete



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

[Background Image](#) 

[Transmission Video](#)

[Slide Bar Image](#)

Image list

Organization







Sl	Organization	Museum Page	Image Resolution	Uploaded Image	Action
1					 
2					 

1 of 17 pages (200 items)

1

2

3

4

5

6

7

8

...

N

Background Image

Select Organization *

Select Museum Page *

Image Resolution * 300 x 300 (3mb)

Upload Image *

Developed By  **Syntech Solution Ltd**
For Your Business Automation

8.2. Transmission Video

- Here system user can add or change museum room transmission videos.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Select Museum Page (Welcome Page / Menu Page)	N/A	N/A	Yes
Select Information Door (Pest /Crop /Soil /Gallery) • If Menu Page	N/A	N/A	Yes
Video Quality (Auto)	N/A	N/A	Yes
Upload Video	N/A	N/A	Yes
Save			

(Table Format)

SL No	Organization	Museum Page	Information Door	Video Quality	Uploaded Video	Action
					Video Link	Edit / Delete



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Background Image
Transmission Video 
Slide Bar Image

Transmission list

Add New

Organization Museum Page

Search

Sl	Organization	Museum Page	Information Door	Video Quality	Action
1					 
2					 

1 of 17 pages (200 items)

[<] [<] 1 [;>] [;>] [>] [>]

New Transmission

Select Organization *

Select Museum Page *

Welcome Page

Menu Page

Slide Page

Select Information Door *

Pest

Crop

Soil

Gallery

If Menu Page

Video Quality *

760 X 1230

Upload Video *

Developed By  Syntech Solution Ltd
For Your Business Automation

8.3. Slide Bar Image

- Here system user can add or change museum Information slide bar background.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Select Information Door (Pest /Crop /Soil /Gallery)	N/A	N/A	Yes
Image Resolution (Auto)	N/A	N/A	Yes
Upload Image	N/A	N/A	Yes
Save			

(Table Format)

SL No	Organization	Information Door	Image Resolution	Uploaded Image	Action
					Edit / Delete



**Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture**

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Background Image
Add New

Transmission Video
Search

Slide Bar Image

Sl	Organization	Information Door	Image Resolution	Uploaded Image	Action
1					
2					

1 of 17 pages (200 items)

[Navigation icons]

New Slide bar

Select Organization *

Select Information Door

- Pest
- Crop
- Soil
- Gallery
- If Menu Page

Image Resolution

760 X 1230

Upload Image *

Developed By

Syntech Solution Ltd
For Your Business Automation

77 | Page

9. Content Management System

The screenshot displays the homepage of the 'Integrated Digital Service Delivery Platform for Ministry of Agriculture'. At the top, there is a green header bar featuring the logo of the Ministry of Agriculture, Bangladesh, and the text 'Welcome to Integrated Digital Service Delivery Platform for Ministry of Agriculture'. Below this is a brown header bar with the text 'National Virtual Crop Pest Museum'. The main content area has a light blue background and contains several sections:

- A sidebar on the left lists navigation options: 'Configuration', 'Museum Information Management', 'Tour Management', 'Pest management System', 'Soil Management System', 'Virtual Gallery Management System', and 'Content Management System'. The 'Dashboard' option is highlighted with a blue background and a cursor icon.
- Four large cards in the center provide statistical information:
 - 'Total Crop Gallery': 11
 - 'Total Pest Gallery': 14
 - 'Total Soil Gallery': 11
 - 'Total Gallery Information': 7
- At the bottom right, there is a footer section with the text 'Developed By' followed by the Syntech Solution Ltd logo and the company name.

9.1. Manage Crops Gallery

- Here system user can upload crop images by selecting crop type and crop.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Select Crop Type	N/A	N/A	Yes
Select Crops	N/A	N/A	Yes
Description	Varchar	N/A	Yes
Upload Image	N/A	N/A	Yes
Save			

(Table Format)

S L N O	Organization	Crop Type	Crop Name	Uploaded Image	Description	Status	Action
						Pending/ Reviewed/ Rejected/ Approved	Edit / Delete



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Manage Crops Gallery 

Manage Pest Gallery

Manage Soil Gallery

Manage Gallery Information

Crop Gallery list Add New

Crop Type Crop Name Print  Export  Refresh 

SI	Organization	Crop Type	Crop Name	Uploaded Image	Description	Status	Action
1							 
2							 

1 of 17 pages (200 items)

« 1 2 3 4 5 6 7 8 ... »

Add New Crop

Select Organization *

Select Crop Type *

Select Crops *

Description *

Upload Image * Cancel Save

Developed By  **Syntech Solution Ltd**
For Your Business Automation

9.2. Manage Pest Gallery

- Here system user can upload Pest images by selecting crop type, crop & Pest type.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Select Crop Type	N/A	N/A	Yes
Select Crop	N/A	N/A	Yes
Select Pest type (Insect/ Disease)	N/A	N/A	Yes
Select Name	N/A	N/A	Yes
Upload Image	N/A	N/A	Yes
Description	Varchar	N/A	Yes
			Save

- Beside the uploaded image, a link will be available to view the description, provided by Pest Management.

(Table Format)

S L N o	Organization	Crop Name	Pest type	Pest Name	Uploaded Image	Description	Status	Action
							Pending/ Reviewed / Rejected/ Approved	Edit / Delete



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration	Museum Information Management	Tour Management	Pest management System	Soil Management System	Virtual Gallery Management System	Content Management System
---------------	-------------------------------	-----------------	------------------------	------------------------	-----------------------------------	---------------------------

Manage Crops Gallery	Pest Gallery list	Add New
----------------------	--------------------------	----------------

Manage Pest Gallery	Organization: All <input type="button" value="▼"/> Crop Name: All <input type="button" value="▼"/> Pest Name: All <input type="button" value="▼"/> <input type="button" value="Search"/> <input type="button" value="Print"/> <input type="button" value="Word"/> <input type="button" value="Excel"/>	
---------------------	--	--

Manage Soil Gallery	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>SI</th> <th>Organization</th> <th>Crop Name</th> <th>Pest type</th> <th>Pest Name</th> <th>Uploaded Image</th> <th>Description</th> <th>Status</th> <th>Action</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><input type="button" value="Edit"/> <input type="button" value="Delete"/></td> </tr> </tbody> </table>	SI	Organization	Crop Name	Pest type	Pest Name	Uploaded Image	Description	Status	Action	1								<input type="button" value="Edit"/> <input type="button" value="Delete"/>	
SI	Organization	Crop Name	Pest type	Pest Name	Uploaded Image	Description	Status	Action												
1								<input type="button" value="Edit"/> <input type="button" value="Delete"/>												

Manage Gallery Information	1 of 17 pages (200 items) <input type="button" value="1"/> <input type="button" value="2"/> <input type="button" value="3"/> <input type="button" value="4"/> <input type="button" value="5"/> <input type="button" value="6"/> <input type="button" value="7"/> <input type="button" value="8"/> <input type="button" value="..."/> <input type="button" value="Last"/>	
----------------------------	--	--

Add New Pest

Select Organization *	<input type="button" value="▼"/>
Select Crop Type *	<input type="button" value="▼"/>
Select Crop *	<input type="button" value="▼"/>
Select Pest type (Insect/ Disease) *	<input type="button" value="▼"/>
Select Name *	<input type="button" value="▼"/>
Upload Image *	<input type="button" value="Browse"/>
Description *	<input type="text"/>
<input type="button" value="Cancel"/> <input type="button" value="Save"/>	

Developed By  **Syntech Solution Ltd**
For Your Business Automation

9.3. Manage Gallery Information

- Here admin user will approve the gallery content to publish.

Pending Image List (Table Format)

SL No	Organization	Gallery Type	View Image	Status	Action
		Crop/Pest	<u>View</u>	Pending/ Reviewed/ Rejected/ Approved	Review/ Approve/ Reject

Review (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Review Note	Varchar	N/A	Yes

Reject (Button)

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Reject Note	Varchar	N/A	Yes



Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Crop Pest Museum

Configuration Museum Information Management Tour Management Pest management System Soil Management System Virtual Gallery Management System Content Management System

Manage Crops Gallery

Manage Pest Gallery

Manage Soil Gallery

Manage Gallery Information 

Pending Image list

Organization: All Gallery Type: All Search   

Sl	Organization	Gallery Type	View Image	Status	Action
1					  

1 of 17 pages (200 items) 

Developed By  Syntech Solution Ltd
For Your Business Automation

10. Virtual Museum (Public View)

10.1. Welcome Page

- This is a landing page of the museum. People will reach this page by link or from search engine. This page has some function features given below.

SL	Field	Description
1	Museum Information	Here will show museum related information provided by administrative user
2	Sign up	Anyone wants to visit the museum, he/she have to request. After sending request, administrative user will take decision about visit permission. <ul style="list-style-type: none">• If visit type “Virtual”, user can visit the virtual museum without any approval.• If visit type “Physical”, user have to wait for approval.
3	Sign In	Visitor can sign in for a virtual tour.
4	Feedback & Review	Visitor can review with or without feedback.
5	Contact Us	Visitor can get contact info by this feature.
6	Virtual Krishibid	This is a virtual chatbot. User can ask relevantly question with this bot.

The screenshot shows the homepage of the National Virtual Crop Pest Museum. At the top left is the logo of the Ministry of Agriculture, Government of India. The top banner is green with white text: "Welcome to Integrated Digital Service Delivery Platform for Ministry of Agriculture". Below the banner is a navigation bar with blue links: "Museum Information" and "Contact Us". On the far left is a "Sign Up" button, and on the far right is a "Sign in" button. The main content area features a large photograph of a modern museum interior with multiple levels, brick walls, and framed artworks. Overlaid on this image is a large blue text banner that reads "Welcome To National Virtual Crop Pest Museum". In the bottom right corner of the image area, there is a blue speech bubble icon containing the text "Welcome to Virtual Krishibid". At the very bottom of the page, there is a light blue footer bar with the text "Developed By" followed by the Syntech Solution Ltd logo and company name.

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

Museum Information Contact Us

Sign Up Sign in

Welcome To
National Virtual Crop Pest Museum

Welcome to Virtual Krishibid

Developed By

Syntech Solution Ltd
For Your Business Automation

10.1.1. Museum Information

- Here will show museum related information provided by administrative user

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes

National virtual Crop Pest Museum

Organization:

Museum Name:.....

Museum Description:

Museum Location:.....

Museum Schedule:.....

Other Information:.....

 Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Agriculture Museum

Get information about Museum EN 

Select Organization

Organization: NATA

Museum Name: National Virtual Crop Pest Museum

Museum Description:

Museum Location: Gazipur

Museum Schedule: On Time: 09:00, Off Time: 17:00

Other Information:

Developed By 
For Your Business Automation

10.1.2. Sign Up

- Anyone can sign up here.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
First Name	Varchar	N/A	Yes
Last Name	Varchar	N/A	Yes
Username	Varchar	N/A	Yes
Mobile Number	Int	N/A	Yes
E-Mail	Varchar	N/A	Yes
Password	Varchar	N/A	Yes
Repeat password	Varchar	N/A	Yes
Submit			

- Citizen will get a verification code after submit.

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Agriculture Museum

Sign Up

Frist Name	Admin
Last Name	Admin
User Name
Mobile Number	Admin
Email	Admin
Password
Reset Password

Sign Up

Cancel

10.1.3. Sign In

- Visitor can sign in for a virtual tour & Physical tour.
- After Sign in user will get into the Welcome page.

- After sign in, user will get this Request list table.

(Visit Virtually) (Table Format) (Physical visit request)

SI	Request Type	Visit Request Date	Time Slot	Status	Notes	Tour Operator Name	Tour Operator Mobile No	Action
	Individual/ Institutional		Time	Pending/Reviewed/Rejected/Approved/Visited				Feedback/Resubmit/Cancel

- Action Button “**Visit Virtually**”, user will visit virtually
- Action Button “**Feedback**”, user will get this button if the user completes a tour.
- Action Button “**Resubmit**”, user will get this button if the application “reviewed”.
- Action Button “**Cancel**”, user can cancel the application within pending status.

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture

National Virtual Agriculture Museum

Sign in to Continue

Username	Admin
Password

Sign in

[Forgot Password](#)

Welcome To Applicant

EN ජා

Visit Virtually

SL	Request Type	Visit Request Date	Time Slot	Status	Notes	Notes	Tour Operator Name	Tour Operator Mobile No	Action
	Individual/ Institutional		Time	Pending / Reviewer d/ Reject / Approve d/Visited					Feedback Resubmit Cancel

Physical Visit Request

Developed By

Syntech Solution Ltd
For Your Business Automation

Physical Visit Request

- Anyone wants to visit the museum, he/she have to request. After sending request, administrative user will take decision about visit permission.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Request Type (Individual/Institutional)	N/A	N/A	Yes
Institute Name (If Institutional)	Varchar	N/A	Yes
Contact Person Name	Varchar	N/A	Yes
NID no	Varchar	N/A	Yes
Mobile Number	Int	N/A	Yes
E-mail Address	Varchar	N/A	Yes
Visit date (Select from Calendar)	Date	N/A	Yes
Time (Choose from time slot)	N/A	N/A	Yes
Remarks	Varchar	N/A	No
Submit			

Welcome to
Integrated Digital Service Delivery Platform for Ministry of Agriculture



National Virtual Agriculture Museum

Welcome To Applicant

[EN](#) [বাং](#)

Physical Visit Request

Select Organization *	<input type="text"/>
Request Type *	<input type="text"/>
Institute Name *	<input type="text"/>
Contact Person Name *	<input type="text"/> Enter Name
NID *	<input type="text"/>
Mobile No *	<input type="text"/> Enter Mobile No
E-mail *	<input type="text"/> Enter E-Mail
Visit date *	<input type="text"/> 
Time *	<input type="text"/> 
Remarks *	<input type="text"/>

Cancel **Submit**

Developed By 
Syntech Solution Ltd
For Your Business Automation

10.1.4. Feedback & Review

- Visitor can review with or without feedback.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Review (*****)	N/A	N/A	Yes
Feedback	Varchar	N/A	Yes

10.1.5. Contact Us

- Visitor can get contact info by selecting organization.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes

10.1.6. Virtual Krishibid

- This is a virtual chatbot. User can ask relevantly question with this bot.

Field Name	Data Type	Data Length	Mandatory (Yes/No)
Select Organization	N/A	N/A	Yes
Select Information Type	N/A	N/A	Yes
Select Question	N/A	N/A	Yes

10.2. Organization Page

- This is Organization page of the museum tour. Visitor will view information door here. User can choose any of doors for visit. Details is given bellow

SL	Information Door	Description
1	All Organization	By selecting this door user can view all information from all organization
2	NATA	By selection this door, user can view information provided by NATA
3	DAE	By selection this door, user can view information provided by DAE
4	SRDI	By selection this door, user can view information provided by SRDI
4	Other Organization	Here can add more organization.



National Virtual Crop Pest Museum

Select Organization

All Organization

DAE

NATA

SRDI

Developed By  Syntech Solution Ltd
For Your Business Automation

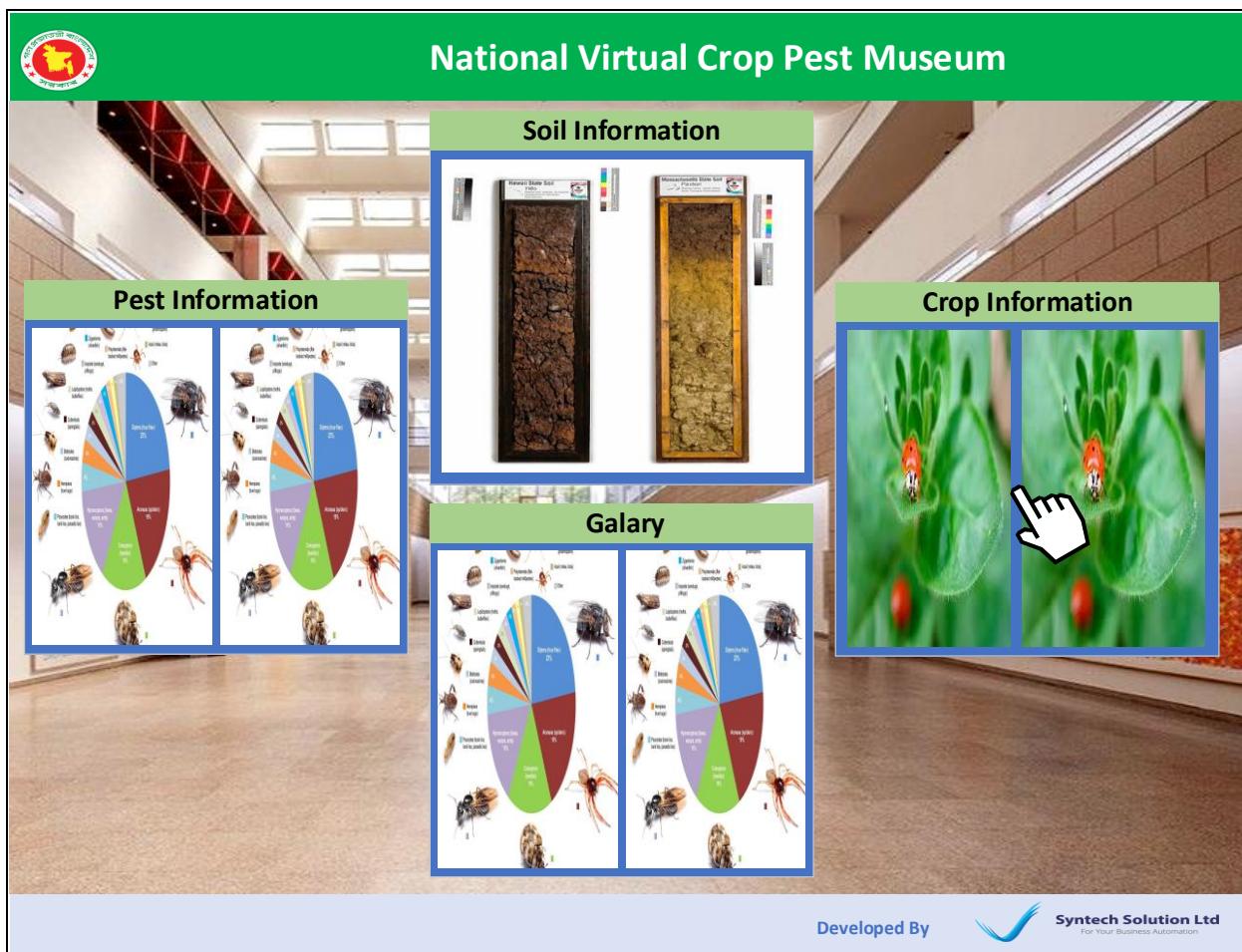


- This is demo image.
- System admin can add more organization.

10.3. Menu Page

- This is menu page of the museum tour. Visitor will view information door here. User can choose any of doors for visit. Details is given bellow

SL	Information Door	Description
1	Crop Information	This door is for Crop related information, after opening of this door, visitor will get all type of crop information with image and animation.
2	Pest Information	This door is for pest related information, after opening of this door, visitor will get all type of pest information with image and animation.
3	Soil Information	This door is for Soil related information, after opening of this door, visitor will get all type of soil information with image and animation.
4	Gallery	This is a virtual gallery; here user will get real museum pictures virtually.



The image shows a virtual exhibition hall for the National Virtual Crop Pest Museum. The hall features a green header bar with the museum's name and a logo. The floor is made of light-colored wood. On the left, there is a large display board titled "Pest Information" containing two pie charts showing pest distribution and several insect specimens. In the center, there is a display titled "Soil Information" showing two soil samples from Hawaii State Soil and Massachusetts State Soil. On the right, there is a display titled "Crop Information" showing two close-up images of red insects on green leaves, with a white hand cursor pointing at one of the images. The overall theme is agricultural and environmental information.

National Virtual Crop Pest Museum

Pest Information

Soil Information

Crop Information

Gallery

Developed By  **Syntech Solution Ltd**
For Your Business Automation

10.3.1. Crop Information

10.3.1.1. Crop Type

- Here will show all crop type entered from configuration. User can select any crop type and view the crops Info with image under the type

10.3.1.1.1. Crop

The screenshot shows a virtual museum interface titled "National Virtual Crop Pest Museum". The top navigation bar includes the museum's logo and the title. Below the title, a blue header bar says "Choose a Crop Type". The main content area is divided into four categories:

- Crop Information**: A section showing various cereal crop plants.
- Pules Crop**: A section showing a grid of different pulses (beans) with a white cursor pointing at one of the images.
- Tuber Crops**: A section showing images of potatoes and radishes.
- Oil Seed**: A section showing images of oil seeds like peanuts and sunflower seeds.



National Virtual Crop Pest Museum

Crop Information



Prevent your garden from being devoured by uninvited pests. By knowing how to protect your garden from a variety of insects, you can grow your plants and crops stress-free. gardeninginfo-online.com gathered the following information
Vegetable crops account for less than 2.4 percent of the agricultural acreage in North Carolina but sales exceed 200 million dollars. Vegetable crop production requires one of the highest dollar-per-acre
Vegetable crops account for less than 2.4 percent of the agricultural acreage in North Carolina but sales exceed 200 million dollars.

Wheat



Developed By  Syntech Solution Ltd
For Your Business Automation

10.3.2. Pest Information

10.3.2.1. Crop Type

- Here will show all crop type, provide from configuration.

10.3.2.1.1. Select Crop

- Here will show all crop names, provide from configuration.

10.3.2.1.1.1. Select Pest Category (Insect/Disease)

- Here will show 2 information Door. (Insect/Disease)

10.3.2.1.1.1.1. Select Insect

SL	Information Desk	Details
1	Description	Here user will view Insect Description with name and Image.
2	Life Cycle	Here user will view Insect Life Cycle description with name and Image.
3	Destructive Stage	Here user will view Insect Destructive Stage description with name and Image.
4	Attacking Parts of Plant	Here user will view Insect Attacking Parts of Plant description with name and Image.
5	Effect on Plant	Here user will view Insect Effect on Plant description with name and Image.
6	Symptom	Here user will view Insect Symptom description with name and Image.
7	Control Measure	Here user will view Insect Control Measure description with name and Image.

- The mentioned field is in formation desk. Citizen can view the information by sliding the bar.

10.3.2.1.1.1.2. Select Disease

SL	Information Desk	Details
1	Description	Here user will view Disease Description with name and Image.
2	Life Cycle	Here user will view Disease Life Cycle description with name and Image.
3	Destructive Stage	Here user will view Disease Destructive Stage description with name and Image.
4	Attacking Parts of Plant	Here user will view Disease Attacking Parts of Plant description with name and Image.
5	Effect on Plant	Here user will view Disease Effect on Plant description with name and Image.
6	Symptom	Here user will view Disease Symptom description with name and Image.
7	Control Measure	Here user will view Disease Control Measure description with name and Image.

- The mentioned field is in formation desk. Citizen can view the information by sliding the bar.

The screenshot shows a virtual exhibition space with a green header bar. The header features the logo of the National Bureau of Plant Genetic Resources (NBPGR) and the text "National Virtual Crop Pest Museum". The main area is a large hall with a polished floor and a high ceiling with red lighting. Four interactive kiosks are displayed:

- Pest Information:** A kiosk showing two pie charts of pest distribution. A hand cursor is pointing at the left chart. The charts are:
 - Chart 1: Drosophilidae 25%, Acrididae 25%, Lepidoptera 25%, Diptera 15%
 - Chart 2: Drosophilidae 25%, Acrididae 25%, Lepidoptera 25%, Diptera 15%
- Soil Information:** A kiosk displaying two soil samples in rectangular trays labeled "Hawaii Stone Soil" and "Massachusetts Stone Soil". Each tray includes a color scale.
- Crop Information:** A kiosk showing two close-up images of red insects on green leaves.
- Gallery:** A kiosk showing two pie charts of pest distribution, identical to the ones in the Pest Information kiosk.

At the bottom right, there is a "Developed By" section featuring the Syntech Solution Ltd logo and the text "For Your Business Automation".



National Virtual Crop Pest Museum

Choose a Crop Type

Pest Information

Cereal Crops



Pulses Crop



Tuber Crops



Oil Seed



Developed By  **Syntech Solution Ltd**
For Your Business Automation

National Virtual Crop Pest Museum

Choose a Crop

Pest Information

Pulses Crop-2

Wheat

Pulses Crop-3

The interface features a large central image of wheat ears. A white cursor arrow points to the middle of one of the wheat spikes. To the left of this central image is a green box labeled "Pulses Crop-2". To the right is another green box labeled "Pulses Crop-3". Above the central image is a blue bar with the text "Choose a Crop". At the top left is the logo of the National Bureau of Plant Genetic Resources. At the bottom, there is a "Developed By" section with the Syntech Solution Ltd logo and name.

Developed By

Syntech Solution Ltd
For Your Business Automation

The image shows a virtual crop pest museum interface. At the top left is the logo of the National Bureau of Plant Genetic Resources. The main title "National Virtual Crop Pest Museum" is centered at the top. Below it, a blue bar says "Choose Pest Category". A green sidebar on the left is titled "Pest Information". Two large interactive panels are displayed in the center of a modern, multi-story atrium. The left panel, titled "Insect", contains six images of different insects with labels: banana armyworm, tephritis fly, ladybird larva, lacewing, purple potato beetle, and orange stink bug. A white hand cursor is pointing at the purple potato beetle image. The right panel, titled "Disease", shows four images of plant diseases: a leaf with spots, a flower bud, a corn ear, and a close-up of a plant. The bottom right corner of this panel has the text "Pikselan.com". At the bottom of the interface, it says "Developed By" followed by the Syntech Solution Ltd logo and name.

National Virtual Crop Pest Museum

Choose Pest Category

Pest Information

Insect

Disease

Developed By

Syntech Solution Ltd
For Your Business Automation



National Virtual Crop Pest Museum

Choose Insect

Pest Information

Vegetable Crop Insect



Garden Insect Pest



Field Insect



Developed By  **Syntech Solution Ltd**
For Your Business Automation



National Virtual Crop Pest Museum

Insect Information

Prevent your garden from being devoured by uninvited pests. By knowing how to protect your garden from a variety of insects, you can grow your plants and crops stress-free. gardeninginfo-online.com gathered the following information

Vegetable crops account for less than 2.4 percent of the agricultural acreage in North Carolina but sales exceed 200 million dollars. Vegetable crop production requires one of the highest dollar-per-acre

Vegetable crops account for less than 2.4 percent of the agricultural acreage in North Carolina but sales exceed 200 million dollars.

Vegetable Crop Insect



Developed By

 **Syntech Solution Ltd**
For Your Business Automation



10.3.3. Soil Information

10.3.3.1. Crop Type

- Here will show all Soil Property entered from configuration. User can select any Property and view the soils info with image

10.3.3.1.1. Crop

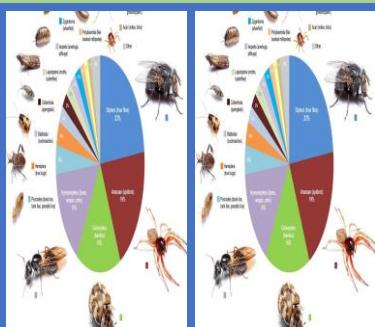
10.3.3.1.1.1. Information Bar

- Soil Characteristics Type
- Soil Characteristics
- Details
- Effect on Crop Plant.



National Virtual Crop Pest Museum

Pest Information



Spiders 25%
Insects 50%
Mites 15%
Other 10%

Spiders 25%
Insects 50%
Mites 15%
Other 10%

Soil Information



New Jersey Soil
Massachusetts State Soil

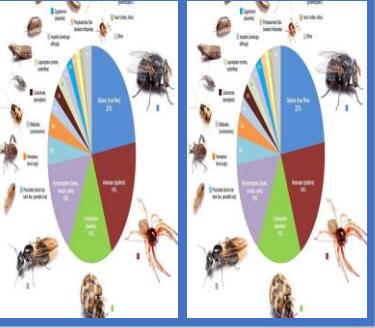
Crop Information



Red insect on leaf

Red insect on leaf

Gallery



Spiders 25%
Insects 50%
Mites 15%
Other 10%

Spiders 25%
Insects 50%
Mites 15%
Other 10%

Developed By  **Syntech Solution Ltd**
For Your Business Automation

National Virtual Crop Pest Museum

Choose a Crop Type

Soil Information

Cereal Crops

Pulses Crop

Tuber Crops

Oil Seed

The interface is a virtual museum exhibit. It features a green header bar with the title "National Virtual Crop Pest Museum". Below the header is a blue bar with the text "Choose a Crop Type". The main area contains five sections: "Soil Information" (which is currently inactive), "Cereal Crops" (displaying illustrations of various cereal plants), "Pulses Crop" (displaying a grid of various pulses and legumes), "Tuber Crops" (displaying a grid of tuber crops like potatoes and sweet potatoes), and "Oil Seed" (displaying a grid of oil seeds like sunflower seeds and peanuts). The "Pulses Crop" section has a cursor pointing at the center square containing lentils.

National Virtual Crop Pest Museum

Choose a Crop

Soil Information

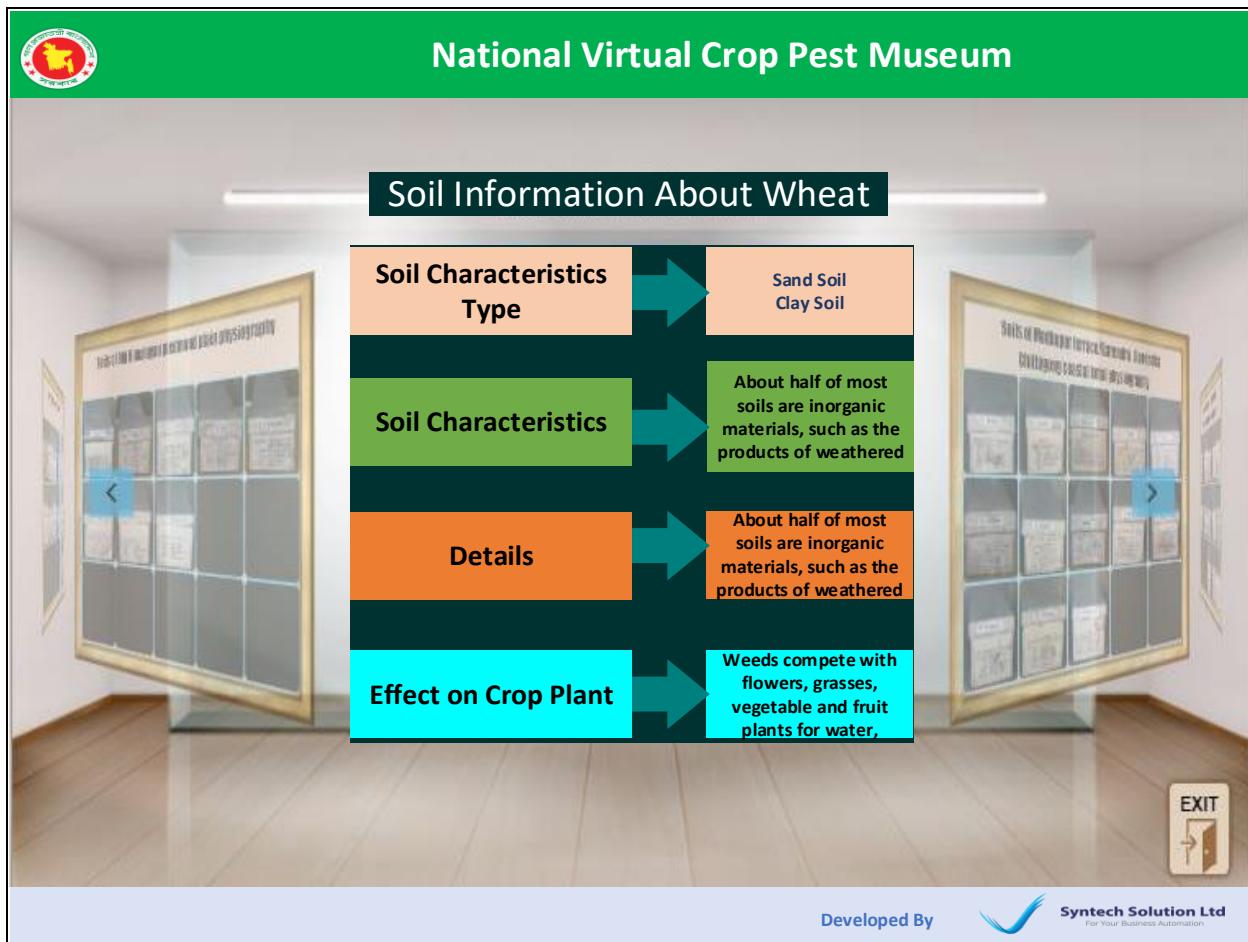
Pulses Crop-2

Wheat

Pulses Crop-3

Developed By  Syntech Solution Ltd
For Your Business Automation





The image shows a virtual museum exhibition hall. At the top, a green banner reads "National Virtual Crop Pest Museum". On the left, the flag of Nepal is visible. In the center, a large display board titled "Soil Information About Wheat" contains four colored boxes with arrows pointing right: "Soil Characteristics Type" (orange) leads to "Sand Soil Clay Soil"; "Soil Characteristics" (green) leads to "About half of most soils are inorganic materials, such as the products of weathered"; "Details" (orange) leads to "About half of most soils are inorganic materials, such as the products of weathered"; and "Effect on Crop Plant" (cyan) leads to "Weeds compete with flowers, grasses, vegetable and fruit plants for water,". The background shows a room with wooden floors and walls displaying framed exhibits. An "EXIT" sign is visible on the floor.

National Virtual Crop Pest Museum

Soil Information About Wheat

Soil Characteristics Type	Sand Soil Clay Soil
Soil Characteristics	About half of most soils are inorganic materials, such as the products of weathered
Details	About half of most soils are inorganic materials, such as the products of weathered
Effect on Crop Plant	Weeds compete with flowers, grasses, vegetable and fruit plants for water,

Developed By  **Syntech Solution Ltd**
For Your Business Automation

10.3.4. Gallery

10.3.4.1. Crops Gallery

10.3.4.1.1. View Crops Type

- Here will show all Crop Type, User can select any type and view the gallery.

10.3.4.2. Pest Gallery

10.3.4.2.1. Insect

- Here user can view insect images.

10.3.4.2.2. Diseases

- Here user can view Disease images.

The screenshot shows a virtual museum interface with a green header bar. On the left is the logo of the Government of Nepal. The main title is "National Virtual Crop Pest Museum". The interface is divided into several sections:

- Pest Information:** Contains two pie charts showing pest distribution. The left chart is for "Sapna Sari" and the right for "Karnali".
- Soil Information:** Shows two soil samples labeled "Karnali State Soil" and "Himalayan State Soil" with color scales.
- Crop Information:** Shows two close-up images of crops with small red insects on them.
- Gallery:** Contains two more pie charts for "Sapna Sari" and "Karnali", identical to the ones in the Pest Information section.

A large white hand cursor is positioned over the second pie chart in the Gallery section. At the bottom, it says "Developed By" followed by the Syntech Solution Ltd logo and name.



National Virtual Crop Pest Museum

Choose Gallery type

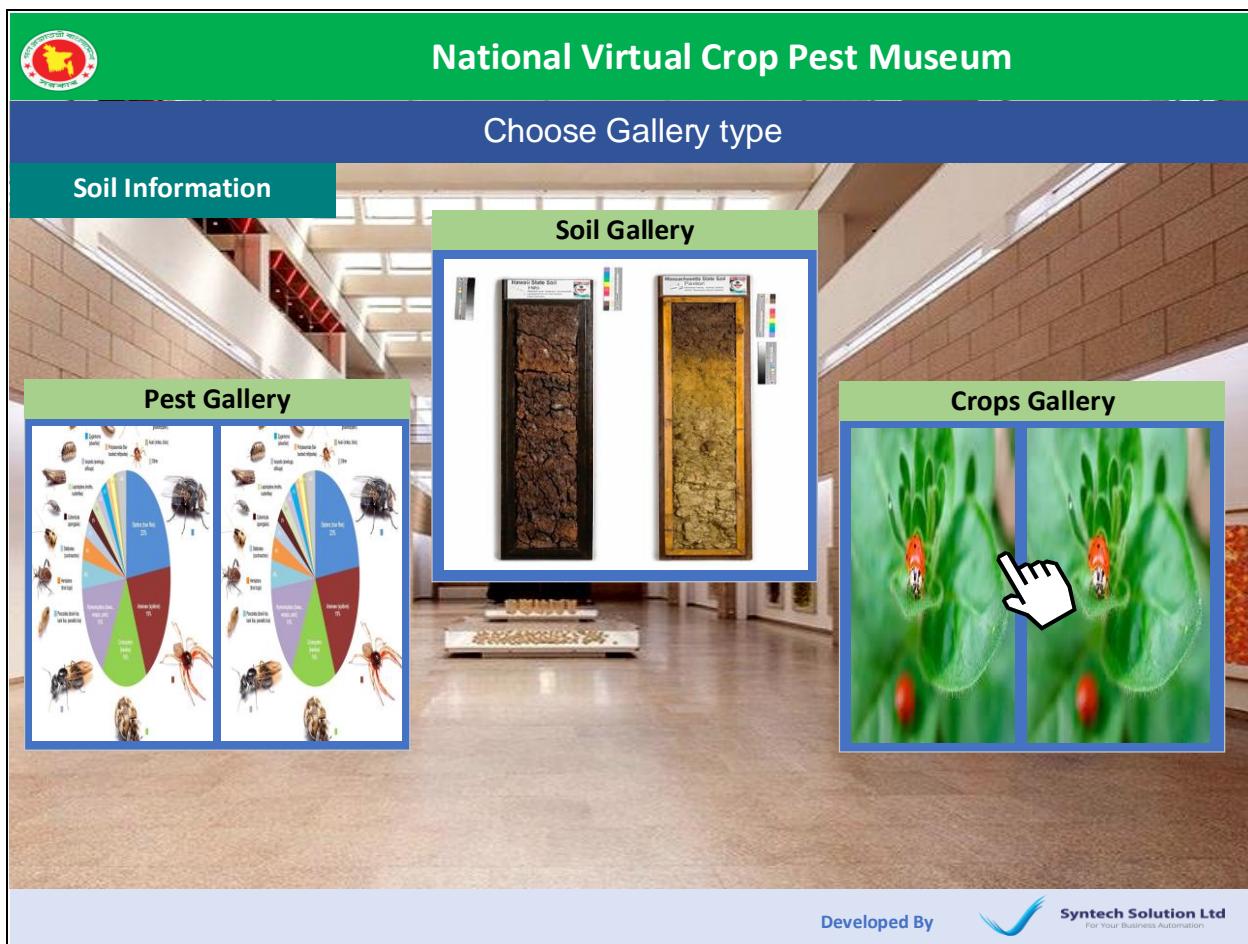
Soil Information

Pest Gallery

Soil Gallery

Crops Gallery

Developed By  **Syntech Solution Ltd**
For Your Business Automation



National Virtual Crop Pest Museum

Choose a Crop Type

Crop Type

Cereal Crops

Pulses Crop

Oil Seed

Tuber Crops



National Virtual Crop Pest Museum

Crop Gallery

Wheat



Wheat is a grass widely cultivated for its seed, a cereal grain which is a worldwide staple food. The many species of wheat together make up the genus *Triticum*;

Soils of India for terrace cultivation
Challenging soil conditions and growing crops

EXIT

Developed By  Syntech Solution Ltd
For Your Business Automation