

# Software Requirement Specification Document to



**LANKAPAY**

**Risk Module**

**Version 1.2**

October 13, 2025



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### Revision History

Created By	Date	Reason	Version	Reviewed by	Approved by
Nehan Naidabadu	30.09.2025	Initial Creation	Version 1.0	Amanda Illankoon	
Nehan Naidabadu	09.10.2025	Requested Changes	Version 1.1	Amanda Illankoon	
Nehan Naidabadu	13.10.2025	Requested Changes	Version 1.2	Amanda Illankoon	

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# 1 Introduction

## 1.1 Objective

This Software Requirements Specification (SRS) document defines the key specifications, functional requirements, and process overview diagrams of the **Risk Module**, which has been designed to support risk assessment and related processes at **Lankapay**. It provides clear guidance for stakeholders involved in the design, development, implementation, and utilization of the Risk Module solution.

The proposed solution aims to streamline and optimize existing risk management practices by improving efficiency and accuracy in risk identification, assessment, and monitoring. It also strengthens internal controls over processes that are currently handled manually, while promoting greater transparency, accountability, and consistency in the overall risk management framework.

Furthermore, this document serves as a comprehensive reference guide that outlines the essential features, capabilities, and functionalities incorporated into the system. It ensures a common understanding among stakeholders and supports effective decision-making throughout the solution lifecycle.

## 1.2 Intended Audience

The intended audience of this document includes Pre-Sales Engineers, Sales Managers, Project Managers, System Engineers, Product Developers, Software Developers, System Administrators, HODs, and Other End Users of the Risk Module.

## 1.3 Document Conventions

The Document uses the standard SRS template published by IEEE. The template standards are published under "IEEE Standards Collection".

## 1.4 Solution Scope

The solution will be implemented covering the following scope:

1. **Risk Assessment Initiation** – capturing and recording identified risks and vulnerabilities.
2. **Risk Control and Current Risk Evaluation** – assessing existing controls and evaluating current risk levels.
3. **Risk Treatment Strategy and Action Planning** – defining treatment strategies and assigning action plans.
4. **Carry Forward Risks from Previous Year** - carry forward risks from the previous year into the current year to ensure continuity
5. **Report Generation** - Enables users to view comprehensive risk registry details for each process's risk assessments and export the information to Excel.
6. **Dashboard view** - The Dashboard view is part of the project scope, but its details are not included in this SRS and a separate addendum document will be provided for the dashboard requirements.
7. **Automated Notifications and Reminders** – ensuring timely updates and follow-ups.

8. **Administrative Configurations** – managing users, parameters, and system settings for flexibility and control.

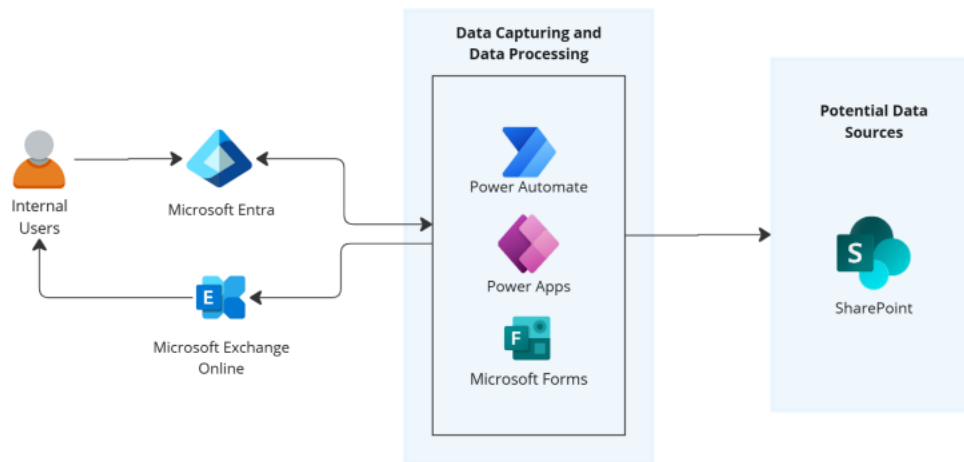
## 1.5 Out of Scope

- Any scope other than mentioned in the design document will be considered out of scope.
- Any Integrations to the system.
- Migration of any existing data will not be considered.
- Risk status updates and Finalizing are fully handled by the Risk Team and will not be automated by the system.

## 1.6 Assumptions & Limitations

- Standard Limitations applicable for the Power Platform & Share Point shall be applicable for the development of the solution. (Refer - [Power Automate Limitations](#))

## 2 System Architecture

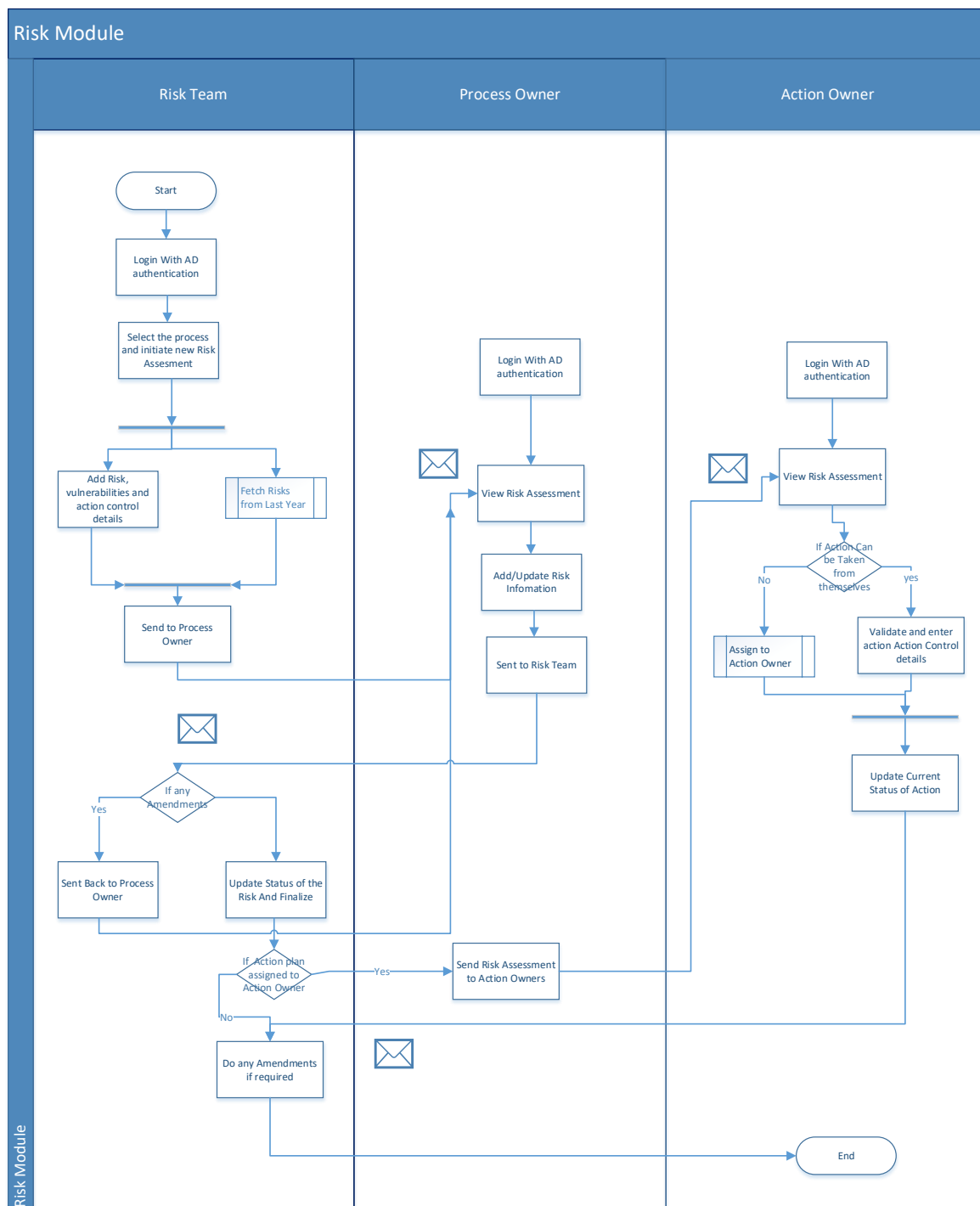


The figure above illustrates a high-level overview of how the solution architecture would be for the workflow solution. This system is designed on the **Microsoft Power Platform** to ensure seamless integration with the existing M365 environment, effectively leveraging widely used tools such as Outlook and **Microsoft Entra (Active Directory)**. Internal users within LankaPay can access these solutions, with their authentication managed through Microsoft Entra to maintain security and streamlined access.

The data capture and processing for internal users will be facilitated through **Microsoft Power Automate and Power Apps**, enabling a robust and user-friendly interface for efficient data handling. All data gathered will be stored securely in **Share Point**, which will act as the central data repository for the solution, providing a reliable and organized structure for information storage.

Additionally, for effective notification management, Microsoft Exchange will be utilized to automate and send emails to relevant parties, ensuring that stakeholders remain informed of important updates and actions.

### 3 Proposed workflow for Risk Module Solution



Process No	Process	Pre-Condition	User	Action	Post Condition	Output
01	System Login	The user should be an Active Directory registered Role Based Access User within the System.	Any authorized user.	1. Enter a valid username and a password.	A logged-in user.	Users should be able to log into the System and should land on the home page.
02	Initiate New Risk Assessment	1. The user should have logged in to the system and Should have access to Initiate Risk Assessment Module	Risk Team	1. Navigate to the <b>Initiate Risk Assessment</b> module. 2. Select a Financial year and process Note: Default will be Current Financial Year 3. Add risk-capturing information, Vulnerability Details and Action Control Details. 4. Save Assessment as Draft if required. 5. Send Risk Assessment to Process Owner. Note: System should automatically identify the Process Owner/s of the particular Process considering Admin Module configuration.	1. IF Inherent Risk Details Entered, <b>Inherent Risk Rating</b> is automatically calculated based on the entered <i>impact</i> and <i>likelihood</i> . 2. IF Current Risk Details Entered, <b>Current Risk Rating</b> is automatically calculated based on the current <i>impact</i> and <i>likelihood</i> . 3. IF Residual Risk Details Entered, The <b>Residual Risk Rating</b> is calculated based on the <i>impact</i> and <i>likelihood</i> after applying treatment strategies. 4. If Risk added, Risk status defaults to <b>"Open"</b> . 5. If Action Control added, each Current Status	1. Each risk assessment should be generated with a unique identification number that includes the process and financial year. 2. Once Assessment Sends to Process Owner, It should be visible in <b>Process Owner's summary view</b> . <a href="#">Generate the Email Template 6.1</a> Note: there will be pool of Process Owners. 3. Request should be visible in summary view of the risk team as well. 4. If Drafted the Assessment, it should be visible in Draft section



					defaults to <b>"Not Started"</b> .	for further amendments.
03	Fetch Risks from Previous Financial year to current year	1. The user should have logged in to the system and Should have access to Initiate Risk Assessment Module	Risk Team	<ol style="list-style-type: none"> <li>1. Click on the <b>"Fetch from Previous Year"</b> button.</li> <li>2. A list of risks from the <b>previous financial year</b> will be displayed in grid view.</li> <li>3. Select one or multiple risks.</li> <li>4. A "Select All" option should also be available.</li> <li>5. Confirm the selection to add the chosen risks to the current year's assessment.</li> </ol>		1. The selected risks from the previous year will be fetched into the current year's assessment in <b>editable mode</b> , allowing users to update details as required.
04	Process Owner Response to Risk Assessment Form	<ol style="list-style-type: none"> <li>1. The user must be logged into the system and have access rights as a <b>Process Owner</b>.</li> <li>2. Risk Assessment should be Submitted to Process Owner by Risk Team</li> </ol>	Process Owner /HOD	<ol style="list-style-type: none"> <li>1. Navigate to <b>Risk Assessment Summary</b> section.</li> <li>2. Review the risk details entered by the Risk Team.</li> <li>3. Add/ Update Risk Details, Vulnerability Details and Action Control Details if necessary.</li> <li>4. Forward Risk Assessment to Risk Team.</li> </ol>	<ol style="list-style-type: none"> <li>1. IF Inherent Risk Details Entered, <b>Inherent Risk Rating</b> is automatically calculated based on the entered <i>impact</i> and <i>likelihood</i>.</li> <li>2. IF Current Risk Details Entered, <b>Current Risk Rating</b> is automatically calculated based on the current <i>impact</i> and <i>likelihood</i>.</li> <li>3. IF Residual Risk Details Entered, The <b>Residual Risk Rating</b> is calculated based on</li> </ol>	<ol style="list-style-type: none"> <li>1. Once Assessment Forwarded to Risk Team , It should visible in <b>Risk Team summary view</b>.  <a href="#">Generate the Email Template 6.2.</a></li> </ol>

					<p>the <i>impact</i> and <i>likelihood</i> after applying treatment strategies.</p> <p>4. If Risk added, Risk status defaults to <b>"Open"</b>.</p> <p>5. If Action Control added, each Current Status defaults to <b>"Not Started"</b>.</p>	
05	Finalizing Risk Assessment	<p>1. The user must be logged into the system and should have access rights to the <i>Risk Assessment Summary</i> module.</p> <p>2. A risk assessment should be Submitted by Process Owner.</p>	Risk Team	<p>1. Navigate to the <b>Risk Assessment Summary</b> module. Note: Each member of risk team have access to each assessment.</p> <p>2. Navigate to Pending Section.</p> <p>3. Select a specific risk assessment and open the detailed view.</p> <p>4. Update previously entered risk details or add if required.</p> <p>5. If required, Send Back to Process Owner for amendments.</p> <p>6. Finalize Risk Assessment.</p>		<p>1. If Send Back to Process Owner for Amendments, It should Sent Back to <b>Process Owner's summary view</b>. <a href="#">Generate the Email Template 6.1.</a></p> <p>2. Once Assessment Finalized, Tasks should be send to each Action Owners <b>summary view</b>. <a href="#">Generate the Email Template 6.3./ 6.4/6.5</a></p>
06	Action Owner Response to Risk Assessment Form	<p>1. The user must be logged into the system and have access rights as an <b>Action Owner</b>.</p> <p>2. Risk Assessment should be Finalized from Risk Team</p>	Action Owner	<p>1. Navigate to <b>Risk Assessment Summary</b> section.</p>		<p>1. If the <b>Action Owner</b> updates a control status directly, Risk Team should be notified.</p>

				<ol style="list-style-type: none"> <li>2. Review the risk details entered by the Risk Team/Process Owner.</li> <li>3. Edit or update the control details, current status or remark.</li> <li>4. If required, assign to another Action Owner. Note: there can be up to three levels of assignment.</li> <li>5. Submit the Assessment.</li> </ol>		<p><a href="#">Generate the Email Template 6.6.</a></p> <ol style="list-style-type: none"> <li>2. If the Action <b>Owner</b> assigns an Other, the assessment is sent to that <b>Action Owner's summary view</b> for response.</li> </ol> <p><a href="#">Generate the Email Template 6.3./ 6.4/6.5</a></p>
07	Report Module	The user should have logged in to the system and Should have access to Report Module	Corporate Management/ Risk Team	<ol style="list-style-type: none"> <li>1. Navigates to the <b>Report Module</b>.</li> <li>2. Applies filters (e.g., process, risk category, financial year, status, etc) to retrieve specific risks.</li> <li>3. The system displays the <b>Risk Registry</b> based on the applied filters.</li> <li>4. Exports the selected assessment to the Excel worksheet.</li> </ol>	<ol style="list-style-type: none"> <li>1. The <b>Risk Registry</b> shall display all relevant risks, vulnerabilities, and control details according to the applied filtering criteria.</li> <li>2. The selected Risk Assessment shall be successfully exported into the Excel format.</li> </ol>	

## 4 Wireframes

### 4.1 Home Screen





4.2 New Risk Assessment Initiation

HomeInitiateSummaryReportsDashboardMaster Data

Initiate Risk Assessment

Process / Subprocess  
Select from here

Reference No  
Auto fill

Financial Year  
Auto fill

Created Date  
Auto fill

Process Owner  
Auto fill

Add New Risk

Fetch from Previous Year

Risk  
All

Status  
All

	INHERENT RISK			CURRENT RISK			RESIDUAL RISK				
	Impact	Likelihood	Risk Rating	Impact	Likelihood	Risk Rating	Impact	Likelihood	Risk Rating		
01 Risk Absence of a designated officer to drive business development efforts related to the XYZ product	Threat Impact Absence of a designated officer to drive business development efforts related to the XYZ product	Medium	Likely	Medium	Medium	Likely	Medium	Medium	Likely	Medium	

1.1 Vulnerability  
Recruitment of a new business development officer

Risk Treatment Strategy  
Reduce

Current Controls  
N/A

Control Classification  
Deterrent

Controls to be Implemented  
Interviews are on going

Control Classification  
Preventive

Due Date  
31/07/2025

Action Owner  
CISO

Status of the Action  
Completed

+ New Vulnerability

Submit

Draft

Back

Home

Initiate

Summary

Reports

Dashboard

Master Data

Risk Category

Select from here

Predefined

New

Risk

Select from here

Threat Impact

Inherent Risk

Impact

Risk Rating

Likelihood

Current Risk

Impact

Risk Rating

Likelihood

Residual Risk

Impact

Risk Rating

Likelihood

Status of the Risk

Cancel

Add

**Note: Inherent Risk , Current Risk Rating details, Residual Rate Details and Risk Status Enable after Vulnerability added.**

Back

Home

Initiate

Summary

Reports

Dashboard

Master Data

Add New Vulnerability

Vulnerability

Risk Treatment Strategy

Select from here

Current Controls

Control Classification

Select from here

Controls To be Implemented

Control Classification

Select from here

Due Date

Action Owner

Select from here

Current Status of Action

Select from here

Remark

Cancel

Add



Fetch From Previous Year UI

Financial Year

2025

Status

Application & Data Management		INHERENT RISK			CURRENT RISK			RESIDUAL RISK		
Risk	Threat Impact	Impact	Likelihood	Risk Rating	Impact	Likelihood	Risk Rating	Impact	Likelihood	Risk Rating
<input checked="" type="checkbox"/>	Absence of a designated officer to drive business development efforts related to the XYZ product	Medium	Likely	Medium	Medium	Likely	Medium	Medium	Likely	Medium
<input checked="" type="checkbox"/>	Absence of a designated officer to drive business development efforts related to the XYZ product	Medium	Likely	Medium	Medium	Likely	Medium	Medium	Likely	Medium
<input checked="" type="checkbox"/>	Absence of a designated officer to drive business development efforts related to the XYZ product	Medium	Likely	Medium	Medium	Likely	Medium	Medium	Likely	Medium
<input checked="" type="checkbox"/>	Absence of a designated officer to drive business development efforts related to the XYZ product	Medium	Likely	Medium	Medium	Likely	Medium	Medium	Likely	Medium

Cancel

Confirm

Field Name	Controller Type	Mandatory/ Optional	Character Length	Remarks if any
Process	Drop Down	M	N/A	Drop down values from Share Point list
Process Owner	Auto Filled	N/A	N/A	Autofill the process owner/s mapped to the particular Process.  If multiple process owners exist, show comma separately.
Risk Assessment Reference	Auto Generated	N/A	N/A	The system shall generate a unique risk assessment reference number in the format: <b>&lt;ProcessCode&gt;-&lt;Financial Year&gt;-&lt;Sequence Number&gt;</b>  The sequence number shall be auto-incremented for each new risk assessment created.
Financial Year	Drop Down	M	N/A	The financial year dropdown should display only a range of years spanning from five years prior to the current financial year up to five years ahead.  Format- (2025-2026)  Current Financial Year should be default selected.
Created Date	Auto Filled	N/A	N/A	
Risk No	Auto Filled	N/A	N/A	Auto increment number (ex-1)
Risk Category	Drop Down	M	N/A	Drop Down Values from Share Point list
Predefined Risk/ New Risk	Radio Button	M	N/A	
Risk	Dependent	Dependent	N/A	if "Predefined Risk" = TRUE  This should be a Drop Down.  Drop Down Values from Share Point list  If the risk is <b>already added</b> to the assessment or fetched from the previous year, warning message should display

				<p>if "New Risk" = TRUE</p> <p>This should be a Text Area</p> <p>Once entered this should be added to Risk Share Point list</p>
Threat Impact	Text Area	M	100	
Risk Status	Drop Down	M	N/A	<p>Open (Default)</p> <p>Closed</p> <p>Accepted</p> <p>Avoided</p> <p>Transferred</p> <p>Not Applicable</p> <p>Once Risk Added this should be default to "Open"</p>
Fetch From Previous Year	Button	N/A	N/A	<p>When the user clicks on the <i>Fetch from Previous Year</i> button, all risks from the previous financial year related to the selected process shall be displayed in grid view.</p> <p>User should be able to filter by Risk status.</p> <p>The user shall have the ability to multi-select risks and add them to the current year's assessment.</p> <p>A <i>Select All</i> option shall also be available</p>
Inherent Risk Impact	Drop Down	M	N/A	<p><b>Note: until at least one vulnerability added for the particular Risk, this filed should be disable.</b></p> <ul style="list-style-type: none"> <li>• <b>Critical (5):</b> Severe consequences causing critical disruption, major financial losses, significant legal/regulatory breaches, or irreparable reputational damage.</li> <li>• <b>High (4):</b> Serious consequences causing notable disruption, considerable financial losses, regulatory non-compliance, or significant reputational harm.</li> <li>• <b>Moderate (3):</b> Manageable consequences with moderate financial, operational, or reputational impact that can be addressed with planned controls.</li> <li>• <b>Low (2):</b> Minor consequences with limited impact on operations, finances, or reputation; easily manageable.</li> <li>• <b>Insignificant (1):</b> Negligible impact with little to no effect on operations, finances, or reputation.</li> </ul> <p>Note: Show the description in tooltip</p>

Inherent Risk Likelihood	Drop Down	M	N/A	<div>Note: until at least one vulnerability added for the particular Risk, this filed should be disable.</div> <ul style="list-style-type: none"><li><b>Almost Certain (5):</b> Events with a very high likelihood of occurring, supported by strong historical evidence or current circumstances.</li><li><b>Likely (4):</b> Events with a high probability of occurring based on historical trends or current circumstances.</li><li><b>Moderate (3):</b> Events with a moderate chance of occurrence based on available data and expert judgment.</li><li><b>Unlikely (2):</b> Events that are improbable but have occurred sporadically in the past and/or based on expert judgment.</li><li><b>Rare (1):</b> Highly improbable events with minimal historical occurrence and expert judgment.</li></ul> <div>Note: Show the description in tooltip</div>																																				
Inherent Risk Rating	Auto Filled	M	N/A	<div>Inherent Risk Rate should be calculate considering Impact and Likelihood according to Below Formula.</div> <table><tr><th>Impact ↓ / Probability →</th><th>Rare (1)</th><th>Unlikely (2)</th><th>Moderate (3)</th><th>Likely (4)</th><th>Almost Certain (5)</th></tr><tr><td>Insignificant (1)</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><tr><td>Low (2)</td><td>2</td><td>4</td><td>6</td><td>8</td><td>10</td></tr><tr><td>Moderate (3)</td><td>3</td><td>6</td><td>9</td><td>12</td><td>15</td></tr><tr><td>High (4)</td><td>4</td><td>8</td><td>12</td><td>16</td><td>20</td></tr><tr><td>Critical (5)</td><td>5</td><td>10</td><td>15</td><td>20</td><td>25</td></tr></table> <div>Category Mapping<ul style="list-style-type: none"><li>Frozen = Score 1–2</li><li>Chilling = Score 3-6</li><li>Heating = Score 8-9</li><li>Flaming = Score 10-16</li><li>Buring = Score 20-25</li></ul></div>	Impact ↓ / Probability →	Rare (1)	Unlikely (2)	Moderate (3)	Likely (4)	Almost Certain (5)	Insignificant (1)	1	2	3	4	5	Low (2)	2	4	6	8	10	Moderate (3)	3	6	9	12	15	High (4)	4	8	12	16	20	Critical (5)	5	10	15	20	25
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				<ul style="list-style-type: none"><li>• <b>Critical (5):</b> Severe consequences causing critical disruption, major financial losses, significant legal/regulatory breaches, or irreparable reputational damage.</li><li>• <b>High (4):</b> Serious consequences causing notable disruption, considerable financial losses, regulatory non-compliance, or significant reputational harm.</li><li>• <b>Moderate (3):</b> Manageable consequences with moderate financial, operational, or reputational impact that can be addressed with planned controls.</li><li>• <b>Low (2):</b> Minor consequences with limited impact on operations, finances, or reputation; easily manageable.</li><li>• <b>Insignificant (1):</b> Negligible impact with little to no effect on operations, finances, or reputation.</li></ul>																																				
Residual Risk Likelihood	Drop Down	M	N/A	<div>Note: until at least one vulnerability added, this filed should be disable</div> <ul style="list-style-type: none"><li>• <b>Almost Certain (5):</b> Events with a very high likelihood of occurring, supported by strong historical evidence or current circumstances.</li><li>• <b>Likely (4):</b> Events with a high probability of occurring based on historical trends or current circumstances.</li><li>• <b>Moderate (3):</b> Events with a moderate chance of occurrence based on available data and expert judgment.</li><li>• <b>Unlikely (2):</b> Events that are improbable but have occurred sporadically in the past and/or based on expert judgment.</li><li>• <b>Rare (1):</b> Highly improbable events with minimal historical occurrence and expert judgment.</li></ul>																																				
Residual Risk Rating	Auto Filled	N/A	N/A	<div>Residual Risk Rate should be calculate considering Impact and Likelihood according to Below Formula.</div> <table><tr><th>Impact ↓ / Probability →</th><th>Rare (1)</th><th>Unlikely (2)</th><th>Moderate (3)</th><th>Likely (4)</th><th>Almost Certain (5)</th></tr><tr><td>Insignificant (1)</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><tr><td>Low (2)</td><td>2</td><td>4</td><td>6</td><td>8</td><td>10</td></tr><tr><td>Moderate (3)</td><td>3</td><td>6</td><td>9</td><td>12</td><td>15</td></tr><tr><td>High (4)</td><td>4</td><td>8</td><td>12</td><td>16</td><td>20</td></tr><tr><td>Critical (5)</td><td>5</td><td>10</td><td>15</td><td>20</td><td>25</td></tr></table> <div>Category Mapping<ul style="list-style-type: none"><li>• Frozen = Score 1–2</li><li>• Chilling = Score 3-6</li></ul></div>	Impact ↓ / Probability →	Rare (1)	Unlikely (2)	Moderate (3)	Likely (4)	Almost Certain (5)	Insignificant (1)	1	2	3	4	5	Low (2)	2	4	6	8	10	Moderate (3)	3	6	9	12	15	High (4)	4	8	12	16	20	Critical (5)	5	10	15	20	25
Impact ↓ / Probability →	Rare (1)	Unlikely (2)	Moderate (3)	Likely (4)	Almost Certain (5)																																			
Insignificant (1)	1	2	3	4	5																																			
Low (2)	2	4	6	8	10																																			
Moderate (3)	3	6	9	12	15																																			
High (4)	4	8	12	16	20																																			
Critical (5)	5	10	15	20	25																																			

				<ul style="list-style-type: none"> <li>• Heating = Score 8-9</li> <li>• Flaming = Score 10-16</li> <li>• Buring = Score 20-25</li> </ul>
Vulnerability No	Auto Filled	N/A	N/A	Auto increment number (ex-1.1) Numbering format should be <Risk No>.< Vulnerability No>
Vulnerability	Text Area	M	255	<p>To add a risk, its mandatory to add at least one vulnerability. Else show an error message</p> <p>For each risk there can be up to maximum 30 vulnerabilities</p>
Risk Treatment Strategy	Drop Down	M	N/A	<ul style="list-style-type: none"> <li>• Mitigate</li> <li>• Accept</li> <li>• Avoid</li> <li>• Transfer</li> </ul> <p>If Accept, Avoid or Transfer below Fields should be auto filled as Not Applicable</p> <p><b>Current Controls, Control Classifications, Controls to be implemented, Control Classification, Due Date, Action Owner, Current Status of action</b></p>
Current Controls	Text Area	M	255	
Control Classification	Drop Down	M	N/A	<ul style="list-style-type: none"> <li>• Preventive</li> <li>• Detective</li> <li>• Corrective</li> <li>• Deterrent</li> </ul>
Controls To be Implemented	Text Area	M	255	
Control Classification	Drop Down	M	N/A	<ul style="list-style-type: none"> <li>• Preventive</li> <li>• Detective</li> <li>• Corrective</li> <li>• Deterrent</li> </ul>
Due Date	Date Picker	M	N/A	Due Date cant be a day before current date
Action Owner	Drop Down	M	N/A	<p>Dropdown user who defined as Action owners in User Share Point List</p> <p>Single Selection</p>
Current Status of Action	Drop Down	M	N/A	<ul style="list-style-type: none"> <li>• Not Started (Default)</li> <li>• In progress</li> <li>• Completed</li> </ul> <p>Once Vulnerability Added this should be default to "Not Started"</p>
Remark	Text Area	O	255	

Draft	Button	N/A	N/A	Assessment should be visible in Summery view, Draft Section
Submit	Button	N/A	N/A	<p>To submit the Assessment to process owner, its mandatory to enter all fields except remark.</p> <p>Assessment should be send to Process Owner Summery View.</p> <p><a href="#">Generate the Email Template 6.1.</a></p>
Cancel Button	Button	N/A	N/A	



### 4.3 Risk Assessment Summary View – Process Owner

- Process Owner Will **receive the risk assessment** of their assigned process.
- The assignment is determined based on the **mapping between process and process owner** defined in the Admin Module.
- The Risk Team Assessment Summary View shall consist of two sections:
  1. **Pending** – Displays risk assessments that are awaiting action from the risk team. fields in this section shall be editable.  
  
**Note:** In scenarios where a user holds dual roles (e.g., Process Owner and Action Owner), the system shall display pending actions for both roles within the Pending section, differentiated by distinct colors for easy identification.
  2. **Completed** – Displays risk assessments that have been completed by the risk team. Fields in this section shall be non-editable.
- The system shall allow the **Process Owner** to perform the following actions within the Pending section:
  1. **Update Details of identified Risks** – Address and update risks identified by the Risk Team.
  2. **Add New Risks and Vulnerabilities** – Record and manage new risks or vulnerabilities directly identified by the Process Owner.

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Risk Assessment Summary

PendingCompleted

Filter by Year & Process

Reference No	Process / Subprocess	Year	Created Date	Process Owner
0000000001	Business Development	2025	30/09/2025	CISO
0000000001	Business Development	2025	30/09/2025	CISO
0000000001	Business Development	2025	30/09/2025	CISO

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Risk Assessment Summary

Process / Subprocess

Auto fill

Reference No

Auto fill

Financial Year

Auto fill

Created Date

Auto fill

Process Owner

Auto fill

Add New Risk

Fetch from Previous Year

Risk

All

Status

All

Risk Category

All

Application & Data Management

Risk

Threat Impact

Impact

Likelihood

Risk Rating

Impact

Likelihood

Risk Rating

Impact

Likelihood

Risk Rating

01

Absence of a designated officer to drive business development efforts related to the XYZ product

Absence of a designated officer to drive business development efforts related to the XYZ product

Medium

Likely

Medium

Medium

Likely

Medium

Medium

Likely

Medium

1.1

Vulnerability

Recruitment of a new business development officer

Risk Treatment Strategy

Reduce

Current Controls

N/A

Control Classification

Deterrent

Controls to be Implemented

Interviews are on going

Control Classification

Preventive

Due Date

31/07/2025

Action Owner

CISO

Status of the Action

Completed

1.2

Vulnerability

Recruitment of a new business development officer

Risk Treatment Strategy

Reduce

Current Controls

N/A

Control Classification

Deterrent

Controls to be Implemented

Interviews are on going

Control Classification

Preventive

Due Date

31/07/2025

Action Owner

CISO

Status of the Action

Completed

1.3

Vulnerability

Recruitment of a new business development officer

Risk Treatment Strategy

Reduce

Current Controls

N/A

Control Classification

Deterrent

Controls to be Implemented

Interviews are on going

Control Classification

Preventive

Due Date

31/07/2025

Action Owner

CISO

Status of the Action

Completed

+ New Vulnerability

OPEN

Application & Data Management

Risk

Threat Impact

Impact

Likelihood

Risk Rating

Impact

Likelihood

Risk Rating

Impact

Likelihood

Risk Rating

01

Absence of a designated officer to drive business development efforts related to the XYZ product

Absence of a designated officer to drive business development efforts related to the XYZ product

Medium

Likely

Medium

Medium

Likely

Medium

Medium

Likely

Medium

OPEN

Note: if new risk added by process owner Inherent Risk details, Current Risk Rating details, Residual Rate Details and Risk Status Enable after Vulnerability added.

Please note the inherent, current and residual risk details of the risks added by process owner should be mandatory before submission, else display an error message.

Field Name	Controller Type	Mandatory/Optional	Character Length	Remarks if any
Process	Auto Filled	N/A	N/A	
Process Owner	Auto Filled	N/A	N/A	
Risk Assessment Reference	Auto Filled	N/A	N/A	
Financial Year	Auto Filled	N/A	N/A	
Created Date	Auto Filled	N/A	N/A	
Risk No	Auto Filled	N/A	N/A	
Risk Category	Auto Filled/Editable	M	N/A	
Predefined Risk/ New Risk	Auto Filled/Editable	M	N/A	
Risk	Auto Filled/Editable	M	N/A	
Threat Impact	Auto Filled/Editable	M	N/A	
Risk Status	Auto Filled/Editable	O	N/A	
Inherent Risk Impact	Auto Filled/Editable	M	N/A	Note: until at least one vulnerability added for the particular Risk, this filed should be disable.
Likelihood	Auto Filled/Editable	M	N/A	Note: until at least one vulnerability added for the particular Risk, this filed should be disable.
Inherent Risk Rating	Auto Filled	N/A	N/A	

Current Impact	Risk	Auto Filled/Editable	M	N/A	Note: until at least one vulnerability added for the particular Risk, this filed should be disable.
Likelihood		Auto Filled/Editable	M	N/A	Note: until at least one vulnerability added for the particular Risk, this filed should be disable.
Current Rating	Risk	Auto Filled	N/A	N/A	
Residual Impact	Risk	Auto Filled/Editable	M	N/A	Note: until at least one vulnerability added for the particular Risk, this filed should be disable.
Likelihood		Auto Filled/Editable	M	N/A	Note: until at least one vulnerability added for the particular Risk, this filed should be disable.
Residual Rating	Risk	Auto Filled	N/A	N/A	
Vulnerability No		Auto Filled	N/A	N/A	
Vulnerability		Auto Filled/Editable	M	N/A	To add a risk its mandatory to add at least one vulnerability, else display an error message
Risk Treatment Strategy		Auto Filled/Editable	M	N/A	<ul style="list-style-type: none"> <li>• Mitigate</li> <li>• Accept</li> <li>• Avoid</li> <li>• Transfer</li> </ul> <p>If Accept, Avoid or Transfer below Fields should be auto filled as Not Applicable</p> <p><b>Current Controls, Control Classifications, Controls to be implemented, Control Classification, Due Date, Action Owner, Current Status of action</b></p>
Current Controls		Auto Filled/Editable	M	N/A	
Control Classification		Auto Filled/Editable	M	N/A	
Controls To be Implemented		Auto Filled/Editable	M	N/A	
Control Classification		Auto Filled/Editable	M	N/A	
Due Date		Auto Filled/Editable	M	N/A	
Action Owner		Auto Filled/Editable	M	N/A	<p>Dropdown user who defined as Action owners in User Share Point List</p> <p>Single Selection</p>

Current Status of Action	Auto Filled/Editable	M	N/A	<ul style="list-style-type: none"> <li>• Not Started (Default)</li> <li>• In progress</li> <li>• Completed</li> </ul> <p>Once Vulnerability Added this should be default to "Not Started"</p>
Remark	Auto Filled/Editable	O	N/A	
Draft	Button	N/A	N/A	Save the updated details and keep the Assessment in pending section itself for later submission to Risk Team
Submit	Button	N/A	N/A	<p>Assessment should be send to Risk Team Summery View.</p> <p><a href="#">Generate the Email Template 6.2.</a></p>
Cancel Button	Button	N/A	N/A	

## 4.4 Risk Assessment Summary View – Risk Team

The Risk Team's Summary View is organized into four sections, each reflecting the status of risk assessments and their respective permissions:

### 1. Draft

- Displays drafted assessments that are yet to be submitted.
- All fields remain **editable** for further updates or changes.

### 2. Submitted

- Displays assessments already submitted to the Process Owner.
- Fields are **read-only (non-editable)** while awaiting Process Owner's action.

### 3. Pending

- Displays assessments completed and submitted by the Process Owner.
- Currently pending Risk Team action to finalize.
- Fields remain **editable** for the Risk Team.
- The system shall allow users to update details periodically, and draft changes and later Finalization.

### 4. Finalized

- Displays assessments that have been finalized and are awaiting Action Owner updates.
- Since, Risk Team has the full Authority to Risk Assessment. They should be able to edit required details if necessary even after Finalized.

**Note:** In the summary views, risk cards shall remain collapsed by default, hiding their associated vulnerabilities. When the 'Expand' icon is clicked, the system shall **expand** specific risk card to display their vulnerabilities.

#### 4.4.1 Risk Assessment Summary Pending Finalization Section

**Risk Assessment Summary**

Draft Initiated **Pending** Finalized

Filter by Year & Process

Reference No	Process / Subprocess	Year	Created Date	Process Owner
0000000001	Business Development	2025	30/09/2025	CISO
0000000001	Business Development	2025	30/09/2025	CISO
0000000001	Business Development	2025	30/09/2025	CISO

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Risk Assessment Summary

Process / Subprocess

Auto fill

Reference No

Auto fill

Financial Year

Auto fill

Created Date

Auto fill

Process Owner

Auto fill

Add New Risk

Fetch from Previous Year

Risk

All

Status

All

Risk Category

All

Application & Data Management

Risk

01

Absence of a designated officer to drive business development efforts related to the XYZ product

Threat Impact

Absence of a designated officer to drive business development efforts related to the XYZ product

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

1.1

Vulnerability

Recruitment of a new business development officer

Risk Treatment Strategy

Reduce

Current Controls

N/A

Control Classification

Deterrent

Controls to be Implemented

Interviews are on going

Control Classification

Preventive

Due Date

31/07/2025

Action Owner

CISO

Status of the Action

Completed

1.2

Vulnerability

Recruitment of a new business development officer

Risk Treatment Strategy

Reduce

Current Controls

N/A

Control Classification

Deterrent

Controls to be Implemented

Interviews are on going

Control Classification

Preventive

Due Date

31/07/2025

Action Owner

CISO

Status of the Action

Completed

1.3

Vulnerability

Recruitment of a new business development officer

Risk Treatment Strategy

Reduce

Current Controls

N/A

Control Classification

Deterrent

Controls to be Implemented

Interviews are on going

Control Classification

Preventive

Due Date

31/07/2025

Action Owner

CISO

Status of the Action

Completed

+ New Vulnerability

OPEN

Application & Data Management

Risk

01

Absence of a designated officer to drive business development efforts related to the XYZ product

Threat Impact

Absence of a designated officer to drive business development efforts related to the XYZ product

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

Application & Data Management

Risk

01

Absence of a designated officer to drive business development efforts related to the XYZ product

Threat Impact

Absence of a designated officer to drive business development efforts related to the XYZ product

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

OPEN

Submit

Draft

Field Name	Controller Type	Mandatory/ Optional	Character Length	Remarks if any
Process	Auto Filled	N/A	N/A	
Process Owner	Auto Filled	N/A	N/A	
Risk Assessment Reference	Auto Filled	N/A	N/A	
Financial Year	Auto Filled	N/A	N/A	
Created Date	Auto Filled	N/A	N/A	
Risk No	Auto Filled	N/A	N/A	
Risk Category	Auto Filled/Editable	M	N/A	
Predefined Risk/ New Risk	Auto Filled/Editable	M	N/A	
Risk	Auto Filled/Editable	M	N/A	
Threat Impact	Auto Filled/Editable	M	N/A	
Risk Status	Auto Filled/Editable	M	N/A	Open Closed Accepted Avoided Transferred Not Applicable
Fetch From Previous Year	Button	N/A	N/A	When the user clicks on the <i>Fetch from Previous</i> button, all risks from the previous financial year related to the selected process shall be displayed in grid view.  Should be able to filter by Risk Status

					<p>The user shall have the ability to multi-select risks and add them to the current year's assessment.</p> <p>A <i>Select All</i> option shall also be available</p>
Inherent Risk Impact	Risk	Auto Filled/Editable	M	N/A	
Likelihood		Auto Filled/Editable	M	N/A	
Inherent Risk Rating	Risk	Auto Filled	N/A	N/A	
Current Risk Impact	Risk	Auto Filled/Editable	M	N/A	
Likelihood		Auto Filled/Editable	M	N/A	
Current Risk Rating	Risk	Auto Filled	N/A	N/A	
Residual Risk Impact	Risk	Auto Filled/Editable	M	N/A	
Likelihood		Auto Filled/Editable	M	N/A	
Residual Risk Rating	Risk	Auto Filled	N/A	N/A	
Vulnerability No		Auto Filled	N/A	N/A	
Vulnerability		Auto Filled/Editable	M	N/A	For each risk at least one vulnerability should be added before finalize.
Risk Treatment Strategy		Auto Filled/Editable	M	N/A	<ul style="list-style-type: none"> <li>• Mitigate</li> <li>• Accept</li> <li>• Avoid</li> <li>• Transfer</li> </ul> <p>If Accept, Avoid or Transfer below Fields should be autofill as Not Applicable</p> <p><b>Current Controls, Control Classifications, Controls to be implemented, Control Classification, Due Date, Action Owner, Current Status of action</b></p>
Current Controls		Auto Filled/Editable	M	N/A	
Control Classification		Auto Filled/Editable	M	N/A	

Controls To be Implemented	Auto Filled/Editable	M	N/A	
Control Classification	Auto Filled/Editable	M	N/A	
Due Date	Auto Filled/Editable	M	N/A	
Action Owner	Auto Filled/Editable	M	N/A	
Current Status of Action	Auto Filled/Editable	N/A	N/A	<ul style="list-style-type: none"> <li>• Not Started (Default)</li> <li>• In progress</li> <li>• Completed</li> </ul>
Remark	Auto Filled/Editable	O	N/A	
Draft	Button	N/A	N/A	Save the updated details and keep the Assessment in pending section itself for later submission
Finalize	Button	N/A	N/A	<p>If Finalize check all of fields except Current Status/Remark is filled, if not display error message.</p> <p>Once finalize Tasks should be visible in each Action owners summary view.</p> <p><a href="#">Generate the Email Template 6.3,6.4,6.5.</a></p> <p>If Update Risk Status as “Accepted, Avoided, Not Applicable or Transferred”, <a href="#">Generate the Email Template 6.8.</a></p> <p>If Update Risk Status as “Closed”, <a href="#">Generate the Email Template 6.9.</a></p>
Sent Back	Button	N/A	N/A	Assessment should be send Back to Process Owner Summery View for Amendments.
Cancel Button	Button	N/A	N/A	

#### 4.4.2 Risk Assessment Summary Finalized Section

Field Name	Controller Type	Mandatory/ Optional	Character Length	Remarks if any
Process	Auto Filled	N/A	N/A	
Process Owner	Auto Filled	N/A	N/A	
Risk Assessment Reference	Auto Filled	N/A	N/A	
Financial Year	Auto Filled	N/A	N/A	
Created Date	Auto Filled	N/A	N/A	
Risk No	Auto Filled	N/A	N/A	
Risk Category	Auto Filled	N/A	N/A	
Predefined Risk/ New Risk	Auto Filled	N/A	N/A	
Risk	Auto Filled	N/A	N/A	
Threat Impact	Auto Filled	N/A	N/A	

Risk Status	Auto Filled	N/A	N/A	
Inherent Risk Impact	Auto Filled	N/A	N/A	
Likelihood	Auto Filled	N/A	N/A	
Inherent Risk Rating	Auto Filled	N/A	N/A	
Current Risk Impact	Auto Filled	N/A	N/A	
Likelihood	Auto Filled	N/A	N/A	
Current Risk Rating	Auto Filled	N/A	N/A	
Residual Risk Impact	Auto Filled	N/A	N/A	
Likelihood	Auto Filled	N/A	N/A	
Residual Risk Rating	Auto Filled	N/A	N/A	
Vulnerability No	Auto Filled	N/A	N/A	
Vulnerability	Auto Filled	N/A	N/A	
Risk Treatment Strategy	Auto Filled	N/A	N/A	
Current Controls	Auto Filled	N/A	N/A	
Control Classification	Auto Filled	N/A	N/A	
Controls To be Implemented	Auto Filled	N/A	N/A	
Control Classification	Auto Filled	N/A	N/A	
Due Date	Auto Filled	N/A	N/A	There should be an icon to view due date revision history after finalization
Action Owner	Auto Filled	N/A	N/A	
Current Status of Action	Auto Filled	N/A	N/A	
Remark	Auto Filled	N/A	N/A	

Edit	Icon	N/A	N/A	<p>When the user clicks on 'Edit,' all fields shall be editable except for the fields listed below. The Risk Team shall be able to update any of the editable fields.</p> <p>Process, Process owner, Assessment Reference, Financial Year, Created date, Risk No, Inherent/Current/Residual Risk Rating, Vulnerability No</p> <p>Action owner editable only if action not been taken yet.</p> <p>All Changes should capture in Audit log.</p> <p>IF Action Owner Updated, <a href="#">Generate the Email Template 6.3,6.4,6.5, 6.10.</a></p> <p>IF Due Date, Control to be implemented Updated <a href="#">Generate the Email Template 6.10.</a></p>
Remind icon	Icon	N/A	N/A	<p>If risk team click on remind icon, if <b>Current Status != Completed</b></p> <p><a href="#">Generate the Email Template 6.3.</a></p>

## 4.5 Risk Assessment Summary View – Action Owner

- The Action Owner Assessment Summary View shall consist of two sections:
  - Pending** – Displays risk assessments that are pending action from the Risk Team. **Action Owners can view/Take Action only the risks or vulnerabilities assigned specifically to them.**
  - Completed** – Displays risk assessments that have been completed by the Action Owner. Fields in this section shall be non-editable.

**Risk Assessment Summary**

Pending Completed Filter by Year & Process

Reference No	Process / Subprocess	Year	Created Date	Process Owner
0000000001	Business Development	2025	30/09/2025	CISO
0000000001	Business Development	2025	30/09/2025	CISO
0000000001	Business Development	2025	30/09/2025	CISO

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Risk Assessment Summary

Process / Subprocess

Auto fill

Reference No

Auto fill

Financial Year

Auto fill

Created Date

Auto fill

Process Owner

Auto fill

Risk

All

Status

All

Risk Category

All

Application & Data Management

01

Risk

Absence of a designated officer to drive business development efforts related to the XYZ product

Threat Impact

Absence of a designated officer to drive business development efforts related to the XYZ product

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

INHERENT RISK

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

CURRENT RISK

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

RESIDUAL RISK

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

1.1

Vulnerability

Recruitment of a new business development officer

Risk Treatment Strategy

Reduce

Current Controls

N/A

Control Classification

Deterrent

Controls to be Implemented

Interviews are on going

Control Classification

Preventive

Due Date

31/07/2025

Action Owner

CISO

Status of the Action

Completed

Remarks

submit

OPEN

Application & Data Management

01

Risk

Absence of a designated officer to drive business development efforts related to the XYZ product

Threat Impact

Absence of a designated officer to drive business development efforts related to the XYZ product

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

INHERENT RISK

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

CURRENT RISK

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

RESIDUAL RISK

Impact

Medium

Likelihood

Likely

Risk Rating

Medium

1.1

Vulnerability

Recruitment of a new business development officer

Risk Treatment Strategy

Reduce

Current Controls

N/A

Control Classification

Deterrent

Controls to be Implemented

Interviews are on going

Control Classification

Preventive

Due Date

31/07/2025

Action Owner

CISO

Status of the Action

Completed

Remarks

submit

OPEN

Risk Module Implementation for LANKAPAY

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Field Name	Controller Type	Mandatory/ Optional	Character Length	Remarks if any
Process	Auto Filled	N/A	N/A	
Process Owner	Auto Filled	N/A	N/A	
Risk Assessment Reference	Auto Filled	N/A	N/A	
Financial Year	Auto Filled	N/A	N/A	
Created Date	Auto Filled	N/A	N/A	
Risk No	Auto Filled	N/A	N/A	
Risk Category	Auto Filled	N/A	N/A	
Predefined Risk/ New Risk	Auto Filled	N/A	N/A	
Risk	Auto Filled	N/A	N/A	
Threat Impact	Auto Filled	N/A	N/A	
Risk Status	Auto Filled	N/A	N/A	
Inherent Risk Impact	Auto Filled	N/A	N/A	
Likelihood	Auto Filled	N/A	N/A	
Inherent Risk Rating	Auto Filled	N/A	N/A	
Current Risk Impact	Auto Filled	N/A	N/A	

Likelihood	Auto Filled	N/A	N/A	
Current Risk Rating	Auto Filled	N/A	N/A	
Residual Risk Impact	Auto Filled	N/A	N/A	
Likelihood	Auto Filled	N/A	N/A	
Residual Risk Rating	Auto Filled	N/A	N/A	
Vulnerability No	Auto Filled	N/A	N/A	
Vulnerability	Auto Filled	N/A	N/A	
Risk Treatment Strategy	Auto Filled	N/A	N/A	
Current Controls	Auto Filled/Editable	M	N/A	
Control Classification	Auto Filled/Editable	M	N/A	
Controls To be Implemented	Auto Filled/Editable	M	N/A	
Control Classification	Auto Filled/Editable	M	N/A	
Due Date	Auto Filled	N/A	N/A	There should be an icon to view due date revision history after finalization
Action Owner	Auto Filled/Editable	M	N/A	<p>If Action Owner want to Assign the control to another user, they can edit and select the Next Action Owner.</p> <p>There can be up to maximum 3 levels of assignments</p> <p>Dropdown user who defined as Action owners in User Share Point List</p>
Current Status of Action	Drop Down	M	N/A	<p>Not Started</p> <p>In Progress</p> <p>Completed</p> <p>If Action owner update status as "In-progress", keep the control action in pending section itself to complete later.</p>
Remark	Text Area	O	255	

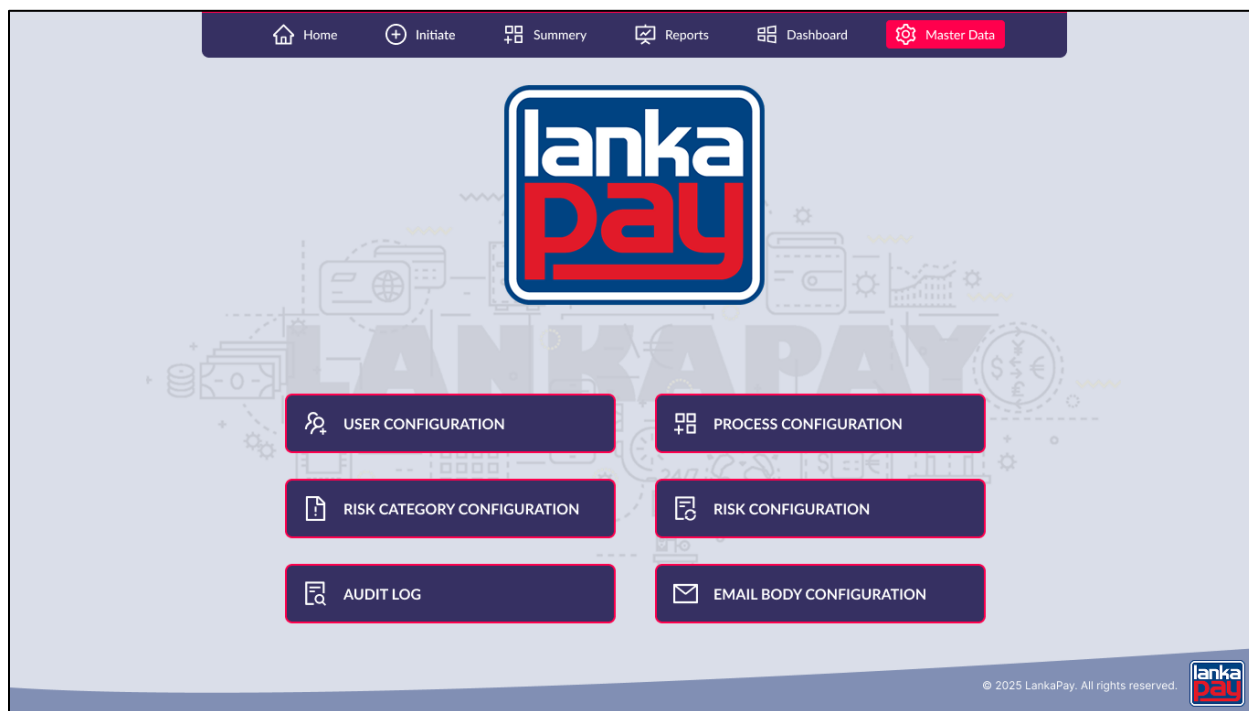
Submit	Button	N/A	N/A	<p>If assign to Other Action Owner, Tasks should be visible in Action owners summary view.</p> <p><a href="#">Generate the Email Template 6.3,6.4,6.5</a></p> <p>If current status of action = Complete,</p> <p><a href="#">Generate the Email Template 6.6.</a></p>
Cancel Button	Button	N/A	N/A	

## 4.6 General Functional Requirements

Functional Requirements	Description
Risk Assessment Reference Number Generation	<ul style="list-style-type: none"> <li>The system shall generate a unique risk assessment reference number in the format: <b>&lt;ProcessCode&gt;-&lt;Financial Year&gt;-&lt;Sequence Number&gt;</b></li> <li>The sequence number shall be auto-incremented for each new risk assessment created.</li> </ul>
Mandatory Fields in Assessment	<ul style="list-style-type: none"> <li>All mandatory fields shall be clearly marked with an asterisk (*) symbol.</li> <li>If a user attempts to submit the form without completing the mandatory fields, the system shall display an error message.</li> </ul>
Request Search and Retrieval	<ul style="list-style-type: none"> <li>In the <b>Risk Summary View</b>, users shall be able to filter and retrieve requests based on the following parameters:  Financial Year, Process, Risk Category, Risk, Risk Status</li> </ul>
Activity Log and Audit Log	<p>An <b>Activity Log</b> shall be maintained within the system.</p> <ul style="list-style-type: none"> <li>Any user can access the activity log by clicking the history icon provided.</li> <li>The activity log shall display user actions and relevant details, Action, Action Date Time, Action Taken By</li> <li>If a risk is fetched from the previous financial year, the activity log should indicate it with the original Risk Assessment Reference Number.</li> </ul> <p>An <b>Audit Log</b> shall be available within the <b>Admin Module</b> only.</p> <ul style="list-style-type: none"> <li>The audit log shall be exportable in CSV format.</li> <li>Access shall be restricted to admin users only.</li> </ul>
Notification Management	<p>The system shall automatically trigger email notifications for actions, reminders, and escalations as defined in the SRS.</p> <p>Email Template Body wording should be configurable in Admin module.</p> <p>If the same user is assigned multiple roles (e.g., a Process Owner also acting as an Action Owner), the system shall ensure that email notifications are not duplicated for that user.</p>
Color Coding in Risk Summary View	<p>In the <b>Risk Summary View</b>, inherent, current, and residual risk ratings shall be color-coded for quick identification:</p> <ul style="list-style-type: none"> <li>Frozen→ Light Blue</li> <li>Chilling→ Light Purple</li> <li>Heating→ Dark Orange</li> <li>Flaming→ Red</li> <li>Burning→ Maroon</li> </ul>

## 4.7 Master Data Management

The configurations for the **Admin Module** are outlined in the following figure, providing a detailed overview of its setup and functionality.



### 4.7.1 User Configuration

- Admin can create, edit, and delete user accounts.

**User Configuration**

User:

Roles:

☒ Risk Team ☒ Process Owner ☒ Action Owner ☒ Corporate Management ☒ Admin

User Name	Assigned Roles	Actions	Active/Inactive
Akshitha Senavirathna	Risk Team - Process Owner - Action Owner - Corporate Management - Admin		<input checked="" type="checkbox"/>

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Field Name	Controller Type	Mandatory/Optional	Character Length	Remarks if any
User	AD Search	M	N/A	Drop down users from AD
Roles	Check Box	M	N/A	Should tick at least one Role. Multiple can be selected.  Values: Risk Team, Process Owner, Action Owner, Corporate Management, Admin
Active/Inactive	Radio Button	M	N/A	By Default user should be Active.

## 4.7.2 Process Configuration

- Admin can add, edit, and delete organizational processes.

**Process Configuration**

Process:  Configure Processes

Process Owners:  Cancel Confirm

Process	Process Owners	Actions
Application & Data Management	Akshitha Senavirathna - Jithma Wickramasinghe - Thusha Mukunthan	<span>Edit</span> <span>Delete</span>

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**Process Configuration**

Process Code:

Process:  Cancel Confirm

Process Code	Process	Actions
0000000000111	Application & Data Management	<span>Edit</span> <span>Delete</span>

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Field Name	Controller Type	Mandatory/ Optional	Character Length	Remarks if any
Process Code	Text Field	M	20	
Process	Text Field	M	100	
Process Owner	AD Search	M	N/A	<ul style="list-style-type: none"> <li>For each process, up to three (3) Process Owners can be assigned.</li> </ul>

4.7.3 Risk Category Configuration

- Admin can manage risk categories by adding, editing, or deleting them

Back

Home

Initiate

Summary

Reports

Dashboard

Master Data

Risk Category Configuration

Risk Category

CancelConfirm

Risk Category

Application & Data Management

Actions

Field Name	Controller Type	Mandatory/ Optional	Character Length	Remarks if any
Risk Category	Text Field	M	100	

4.7.4 Risk Configuration

- Admin can add, edit, and delete risks.

Back

Home

Initiate

Summary

Reports

Dashboard

Master Data

Risk Configuration

Risk

CancelConfirm

Risk

Application & Data Management

Actions

Field Name	Controller Type	Mandatory/ Optional	Character Length	Remarks if any
Risk	Text Area	M	255	

#### 4.7.5 Email Body Configuration

- The Admin should have the ability to add and edit the content of email body templates. For system-generated emails, the configured email body should be used when triggering notifications.
- There should be revision history to view changes done for each template.

Field Name	Controller Type	Mandatory/Optional	Character Length	Remarks if any
Email Body	Text Area	M	255	

#### 4.7.6 Audit Log

The system should maintain an audit log that records all actions taken within the platform. This log must capture the following details for each risk assessment and vulnerability:

- **User:** The individual who performed the action.
- **Date and Time:** The timestamp of when the action was performed.
- **Activity:** A description of the activity or change made.

This audit log should be accessible for review and provide a clear history of all interactions with risk assessments and vulnerabilities.

- Format should be CSV

## 4.8 Report : Risk Registry

- The system shall maintain a centralized **Risk Registry** that consolidates all identified risks and associated vulnerability details for every process.
- Filters:** Process (multiselect), Risk Category, Financial Year, Inherent Risk Rating, Current Risk Rating, Residual Risk Rating, Risk Status, Action Status, Created Date Range
- Report Fields:** Fields same as summary view
- The records should be sorted in descending order based on the creation date and time, ensuring that the most recent records appear at the top of the list for easy access and review.
- The system should provide the functionality for users to export detailed request data into a excel file. All the Risk, vulnerability and Action details should be exported to the excel.

Risk Category  
Select from here

Inherent Risk Status  
Select from here

Current Risk Status  
Select from here

Residual Risk Status  
Select from here

Date  
Select from here

Reset

Home
Initiate
Summary
**Reports**
Dashboard
Master Data

Filters

Application & Data Management		INHERENT RISK			CURRENT RISK			RESIDUAL RISK		
Risk	Threat Impact	Impact	Likelihood	Risk Rating	Impact	Likelihood	Risk Rating	Impact	Likelihood	Risk Rating
01 Risk	Absence of a designated officer to drive business development efforts related to the XYZ product	Medium	Likely	Medium	Medium	Likely	Medium	Medium	Likely	Medium
<div> <div> 1.1 Vulnerability Recruitment of a new business development officer </div> <div> Risk Treatment Strategy Reduce </div> <div> Current Controls N/A </div> <div> Control Classification Deterrent </div> <div> Controls to be Implemented Interviews are on going </div> <div> Control Classification Preventive </div> <div> Due Date 31/07/2025 </div> <div> Action Owner CISO </div> <div> Status of the Action Completed </div> </div>										
<div> <div> 1.2 Vulnerability Recruitment of a new business development officer </div> <div> Risk Treatment Strategy Reduce </div> <div> Current Controls N/A </div> <div> Control Classification Deterrent </div> <div> Controls to be Implemented Interviews are on going </div> <div> Control Classification Preventive </div> <div> Due Date 31/07/2025 </div> <div> Action Owner CISO </div> <div> Status of the Action Completed </div> </div>										
<div> <div> 1.3 Vulnerability Recruitment of a new business development officer </div> <div> Risk Treatment Strategy Reduce </div> <div> Current Controls N/A </div> <div> Control Classification Deterrent </div> <div> Controls to be Implemented Interviews are on going </div> <div> Control Classification Preventive </div> <div> Due Date 31/07/2025 </div> <div> Action Owner CISO </div> <div> Status of the Action Completed </div> </div>										
<div>Business Development</div> <div>OPEN</div>										

Application & Data Management

01 Risk

Threat Impact  
Absence of a designated officer to drive business development efforts related to the XYZ product

Impact  
Medium

Likelihood  
Likely

Risk Rating  
Medium

Impact  
Medium

Likelihood  
Likely

Risk Rating  
Medium

Impact  
Medium

Likelihood  
Likely

Risk Rating  
Medium

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## 5 User Permission Matrix

User Role	Initiate Risk Assessment	Risk Assessment Summary	Dashboard	Report	Master Data
Risk Team	✓	✓	✓	✓	X
Process Owner/HOD	X	✓ [Their process only]	X	X	X
Action Owner	X	✓ [Assigned Actions Only]	X	X	X
Corporate Management	X	X	✓	✓	X
Admin	X	X	X	X	✓

- Same user can be in multiple user roles
- The system shall implement a role-based permission matrix. Once a user is assigned to a specific role, all functions and permissions associated with that role shall automatically be granted to the user.

## 6 Email Alert Templates

### 6.1 Notification to Process Owner

To : <Process Owner Email Address>  
Cc :  
Subject : Risk Assessment Assignment - <Reference Number>

Dear < Process Owner Name> ( fetch from email address),

< Email Body>

Process/Department: < xxxxxxx>

Year: < xxxxxxx>

<Link to the workflow>

Thank you!

## 6.2 Notification to Risk Team

To : <Risk initiator Email Address>  
Cc :  
Subject : Risk Assessment Completion - <Reference Number>

Dear < Risk Initiator Name> ( fetch from email address),

< Email Body>

Process/Department: < xxxxxxx>

Process Owner: < xxxxxxx>

Year: < xxxxxxx>

<Link to the workflow>

Thank you!



### 6.3 Notification to Action Owner

To : <Action Owner Email Address>

Cc :

Subject : New Action Assigned Notification - <Reference Number>

Dear < Action Owner Name> ( fetch from email address),

< Email Body>

Process/Department: < xxxxxxx>

Risk Category	Risk	Vulnerability	Action	Due Date	Current Status
< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>
< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>

<Link to the workflow>

Thank you!

- If Due date is prior to 2 weeks, this notification should be triggered immediately after Risk Finalization.
- If multiple controls are assigned with the same due date, they should be grouped and displayed in a single email notification, instead of sending separate emails.

## 6.4 Notification to Action Owner – 2 Week Reminder

To : <Action Owner Email Address>  
Cc :  
Subject : Reminder: Upcoming Action Due in 2 Weeks - <Reference Number>

Dear < Action Owner Name> ( fetch from email address),

< Email Body>

Process/Department: < xxxxxxx>

Risk Category	Risk	Vulnerability	Action	Due Date	Current Status
< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>
< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>

<Link to the workflow>

Thank you!

- The system shall automatically send **timely follow-up reminder emails** only for Action controls that remain in **Not Started, In Progress** statuses.
- Time period is 2weeks.
- If multiple controls are assigned with the same due date, they should be grouped and displayed in a single email notification, instead of sending separate emails.

## 6.5 Notification to Action Owner – 1 Day Reminder

To : <Action Owner Email Address>  
Cc :  
Subject : **Reminder: Action Item Due Tomorrow** - <Reference Number>

Dear < Action Owner Name> ( fetch from email address),

< Email Body>

Process/Department: < xxxxxxx>

Risk Category	Risk	Vulnerability	Action	Due Date	Current Status
< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>
< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>

<Link to the workflow>

Thank you!

- The system shall automatically send **timely follow-up reminder emails** only for Action controls that remain in **Not Started, In Progress** statuses.
- Time period is 1day.
- If multiple controls are assigned with the same due date, they should be grouped and displayed in a single email notification, instead of sending separate emails.

## 6.6 Notification to Risk Team – Action Completed

To : <Risk initiator Email Address>  
Cc :  
Subject : List of Open Actions Completed as of <Todays Date> - <Reference Number>

Dear < Risk Initiator Name> ( fetch from email address),

< Email Body>

Process/Department: < xxxxxxx>  
Date: < xxxxxxx>

Risk	Vulnerability	Action	Action Owner
< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>
< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>

<Link to the workflow>

Thank you!

- Daily Batch job should be scheduled at each day end to trigger a **single consolidated email notification** to the Risk Team mentioning Completed actions.

## 6.7 Notification to Action Owner – Overdue Risk

To : <Action Owner Email Address> <Process Owner Email Address>  
Cc :  
Subject : Overdue Actions Notification- <Reference Number>

Dear < Action/Process Owner Name> ( fetch from email address),

< Email Body>

Process/Department: < xxxxxxx>

Risk Category	Risk	Vulnerability	Action	Action Owner	Due Date	Current Status
< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>
< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>	< xxxxxxx>

<Link to the workflow>

Thank you!

- If an action status remains in **not started/In Progress** status beyond its assigned due date, the system shall trigger an **overdue email notification**
- If multiple controls are overdue with the same due date, they should be grouped and displayed in a single email notification, instead of sending separate emails.

## 6.8 Notification to Process Owner - Updated Risk Status

To : <Process Owner Email Address>	
Cc :	
Subject : Update on Risk Status - <Reference Number>	
 Dear < Process Owner Name> ( fetch from email address),  < Email Body>  Process/Department: < xxxxxxx>	
Risk	Status
< xxxxxxx>	< xxxxxxx>
< xxxxxxx>	< xxxxxxx>
 <Link to the workflow>  Thank you!	

- This email should be triggered, When a risk item status is Accepted, Avoided, Not Applicable or Transferred is done

## 6.9 Notification of Closed Risk

To : <Action Owner Email Address> <Process Owner Email Address>  
Cc :  
Subject : Congratulations – Risk is Successfully Mitigated- <Reference Number>

Dear < Action/Process Owner Name> ( fetch from email address),

< Email Body>

Process/Department: < xxxxxxx>

Year: < xxxxxxx>

Risk	Status
< xxxxxxx>	< xxxxxxx>
< xxxxxxx>	< xxxxxxx>

<Link to the workflow>

Thank you!

- This email should be triggered, When a risk item status is Closed is done
- Only send to Action Owners associated with particular Risk Only

## 6.10 Notification of Action/Due Date Updates

To : < Previous Action Owner Email Address> <New Action Owner Email Address> <Process Owner Email Address>

Cc :

Subject : Notification of Changes- <Reference Number>

Dear < Action/Process Owner Name> ( fetch from email address),

< Email Body>

Process/Department: < xxxxxxx>

Control	Action Owner	Due Date
< xxxxxxx>	< xxxxxxx>	< xxxxxxx>
< xxxxxxx>	< xxxxxxx>	< xxxxxxx>

<Link to the workflow>

Thank you!

- This email should be triggered, When an update is done (to Control to be implemented, Action Owner or Due Date) from Risk Team after finalizing.
- If Action owner changed, need to notify previous Action Owner As well.



## 7 Approval for Software Requirement Specification Document

We have read and understood this **Software Requirement Specification Document V1.2** for Risk Module Solution Implementation for **Lankapay**. The expected solution design needs to be as prescribed above.

<p><b>LANKAPAY</b></p>  <p><b>Signed by:</b></p> <p><b>Name:</b> H.G.A.R.Senavirathna</p> <p><b>Designation:</b> Assistant Manager-Risk &amp; Compliance</p> <p><b>Signature with Company Stamp:</b></p> <p><b>Date:</b> 13/10/2025</p> <p><b>Name :</b> K. V. Srimali Premalal</p> <p><b>Designation :</b> Chief Information Systems Audit Officer</p>	<p><b>Tech One Global Lanka (Pvt) Ltd.</b></p>  <p><b>Signed by:</b></p> <p><b>Name:</b> Sandunika Daniel</p> <p><b>Designation:</b> Lead – Project Management</p>  <p><b>Signature with Company Stamp:</b></p> <p><b>Date:</b> 13<sup>th</sup> October 2025</p>
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