Solution Design Details for Package

(This document template is to be used while submitting an entry to the INT Code Repository as a package. A package can be containers for executable code and data e.g: .dll, .so, .jar, .pyd etc.)

Design Details

For

<Package Name>

Version No.: <1.0>

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1. Document Release History

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Version Number | Release Date | Prepared By | Reviewed & Approved By | Reasons for New Release |
|  |  |  |  |  |  |
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1. List of Amendments Made On The Previous Version No. \_\_\_\_\_

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| --- | --- | --- | --- | --- |
| Sl. No. | Section No. /Page No. | Description of the amendment | Approved by | Change Date |
|  |  |  |  |  |
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|  |  |  |  |  |

# 

# Introduction

## Purpose

<The purpose of this solution>

## Scope of the Proposed Solution

<Scope of the solution and its limitations>

## General Features of the Proposed Application

< Features of the proposed solution >

## The Development Environment

<Tech. stacks, IDE, etc.>

* <item 1>
* <item 2>
* …
* <item N>

## Third Party Tools

<External Libraries, tools etc.>

* <item 1>
* <item 2>
* …
* <item N>

<Write NA if not applicable/used>

# Specific Description of the Solution/Components

## Business Rules

<Write NA if not applicable/used>

* <Description goes here…>
* <Description goes here…>

## List and description of Classes/Functions/Methods/API Signatures etc.

<Write NA if not applicable/used>

* <Class 1> : <Description goes here…>
* <Feel free to add/modify technical details based on the nature of your solution>

## DB Table details/API request-response & other attributes etc.

<List and description of DB tables, scripts, SPs, functions etc.>

<Write NA if not applicable/used>

* <Table 1> : <Description goes here…>
* <Feel free to add/modify technical details based on the nature of your solution>

e.g:-

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Key | # | Field Name | Type | Null | Default | Field Description |
| PK | 1 | IN\_Row\_ID | Integer |  |  | Primary Key |
|  | 3 | IN\_Emp\_ID | Integer | Yes |  | Linked To Employee Master |
|  | 4 | BN\_Password | VarBinary |  |  |  |
|  | 5 | CH\_Review | Char |  | Y | Y-Yes, N-No |
|  | 6 | CH\_First\_Login\_Flag | Char |  |  | Values Y-Yes, N-No |
| FK | 8 | CH\_User\_Type | Char |  | U | Values E-Employee, O- Owner |
|  | 9 | IN\_CreatedBy\_ID | Integer |  |  |  |
|  | 10 | DT\_CreatedOn | Date |  |  |  |
|  | 11 | IN\_ModifiedBy\_ID | Integer | Yes |  |  |
|  | 12 | DT\_ModifiedOn | Date | Yes |  |  |

## Calls made to other external Classes/Services/Interfaces etc.

<Write NA if not applicable/used>

* <Class 1> : <Short description goes here…>
* <Class 2> : < Short description goes here…>

## Associated Screens

<Write NA if not applicable/present>

## Installation/Deployment Notes

<Write how to deploy and use the package >

## Test Strategy and logs

<Mention the strategy/process/methods that you adopted for conducting the tests in the solution>

<Mention the file name and location where the associated Test Cases and Test Logs are stored. May hyperlink or paste the same here if those are prepared>

<Write NA if not applicable/used with proper reasoning>

# Special Considerations and Notes

<Write NA if something is not at this moment. You can include here future aspects, security, standards followed, performance aspects etc.>

# Alternatives Present

<Write if you think there are alternative available on the Internet or on INT library>

* <Alternative 1>: <Source and/or Link>
* < Alternative 2> : <Source and/or Link>

<Write NA if not applicable/used>

# Appendix

<Please provide name of the supporting and attached documents or provide source links here of the associated items like user manual, test logs, workflow, screen-shots etc.>

* <Attachment 1>: <Source and/or Link>
* <Attachment 2> : <Source and/or Link>

<Write NA if not applicable/used>

# Bibliography

<Please provide resources that were used while used preparing this solution. e.g.: website links, book names, name of supporting person etc.>

* <resource 1>
* <resource 1>

<Write NA if not applicable/used>