

Technical Documentation

**BSRM GROUP OF COMPANIES**

**PROJECT TITLE: Salary Certificate Automation**

Author: BSRM IT

Creation Date: February 03, 2021

Version: 1.0

## 

## Document Control

## Change Record

| Date | Author | Version | Change Reference |
| --- | --- | --- | --- |
|  |  |  |  |
| 03-Feb-2021 | Tonmoy Rudra | 1.0 |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Reviewer**

| Date | Reviewed By | Comments |
| --- | --- | --- |
|  |  |  |
|  | Syed Saiful Haque (Sumon) |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Table of Contents**  *Database* |  |
| **Database Objects….…………………………………………………………………………** | **4** |
| *API* |  |
| **Web API Details……………………………………………………………………………** | **4** |
| **Repositories …………………………………………………………………………………**  *Application* | **5** |
| **Angular UI Details …………………………………………………………………………**  **Logging Details …………………………………………………………………………….** | **5**  **5** |
| *Technology* |  |
| **Technology Used……………………………………………………………………………..** | **5** |
| *Deployment* |  |
| **Source code & Hosting……………………………………………………………………….** | **6** |
| *Database* |
| **Database Details………………………………………………………………… 6** |
|  |

**Database Object Used**

|  |  |  |  |
| --- | --- | --- | --- |
| **Object Name** | **Object Type** | **Schema/DB/Owner** | **Description** |
| vHR\_EmployeeForm | View | hrisuser | This View get employee data |
| vHR\_SalarySheetForReport | View | hrisuser | This view get salary data. |
| BM\_GeneralSetupUsers | Table | hrisuser | This table is for all setup. I use it for Place of posting |
| F\_GETGROSS() | Function | hrisuser | This function is help to get gross salary by empId. |
| IntroLtr\_EmployeeDataMaster | Table | hrisuser | This table is for Generated salary report Master single data with a refID |
| IntroLtr\_SalaryDetails | Table | hrisuser | This table is for details letter data with addition and deduction |
| HR\_PaymentItems | Table | hrisuser | This table is for get payitem list with condition |
| vIntroductoryLetter | View | hrisuser | This view is for show salary certificate report by refId. |

**API Details**

|  |  |  |
| --- | --- | --- |
| **Project Name** | **API Endpoint** | **Description** |
| BSRM API | IntroductoryLetter | Here we expose some API,  1 = getAllEmployeeByLoginUser  2 = get gross salary and salary ledger  3 = is RefId exist or not  4 = List of all Generated Letter  5 = Get All Bank List  6 = Post Final Master and Details data.  7 = |
|  | IntroductoryLetterReport.rdlc report for main report |  |

**Repositories/Additional class/DLL Details**

|  |  |  |
| --- | --- | --- |
| **Project Name** | **Class/DLL Name** | **Description** |
| BSRM API | IntroductoryLetter | The main repository for Salary Certificate |

**Angular UI Details**

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Name** | **Component/Service** | **Module & Routing** | **Description** |
| Security\_Web\_UI | \*Account Module  introductoryLetterComponent | Accounts>introductory-letter> main | It’s the main component for salary certificate. |
|  | VerifyLetterComponent | Accounts>introductory-letter>verify-letter | Verify generated certificate by RefId |
|  | **Service:**   1. GlobalService 2. HttpService |  |  |

**Logging Details**

|  |  |  |  |
| --- | --- | --- | --- |
| Project Name | Technology/Language | Class | Remark |
|  |  |  |  |

**Technology Used**

|  |  |  |  |
| --- | --- | --- | --- |
| Project Name | Technology/Language | Development Tools | Remark |
| SecurityWebUI | C#, Devextreme, Angular 10, .Net Framework 4.5.1 | Visual Studio 2019,  Visual Code | Angular 10 for Web UI. |

**Source Code & Hosting Details**

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Name** | **Hosting Details (URL, IP)** | **Deployment Details** | **Source code path** |
| Hosting Details (UI) | URL: <http://hrissub.bsrm.com/>  IP:192.168.103.14:4565/#/ | 192.168.103.14  D:\WebApplicationHosted\FromThreeDotFour\hrissub\_ui | <https://dev.azure.com/bitdeveloper52/Employee_API_UI/_git/security_web_ui.git> |
| Hosting Details (API) | URL: <http://hrissub.bsrm.com/HRISSUB_API>/  IP:192.168.103.14:4565/HRISSUB\_API | 192.168.103.14  D:\WebApplicationHosted\FromThreeDotFour\hrissub\_api | <https://dev.azure.com/bitdeveloper52/Employee_API_UI/_git/Employee_API_UI> |

**Database Details:**

|  |  |  |
| --- | --- | --- |
| **Database Name** | **Connection Details** | **DB Vendor** |
| dbiBMS | 192.168.103.12  User: hrisuser | MSSQL |