

Technical Documentation

**BSRM GROUP OF COMPANIES**

**PROJECT TITLE: Online Money Receipt**

Author: BSRM IT

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## 

## Document Control

## Change Record

| Date | Author | Version | Change Reference |
| --- | --- | --- | --- |
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**Reviewer**

| Date | Reviewed By | Comments |
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| **Database Details………………………………………………………………………………** |

**Database Object Used**

|  |  |  |  |
| --- | --- | --- | --- |
| **Object Name** | **Object Type** | **Schema/DB/Owner** | **Description** |
| MR\_ONLINE\_REQUEST\_V | View | BSRM\_IT | This View Table to view all online MR Request. |
| MR\_ONLINE\_REQUEST | Table | BSRM\_IT | This table is store all master data of online MR Request. |
| MR\_ONLINE\_REQUEST\_LINES | Table | BSRM\_IT | This table to store all details data of online MR Request. |
| MR\_UNAPPLIED\_MR\_CM\_V | View | BSRM\_IT | To get all Unapplied MR Credit Memo for view. |
| MR\_AGING\_INTEGRATION\_PKG | Package | BSRM\_IT |  |
| MR\_ONLINE\_APPLIED\_LINES | Table | BSRM\_IT | Store MR Unapplied details data. |
| MR\_INTEREST\_AMOUNT\_LIST | Table | BSRM\_IT | The table for Late payment charge |
| MR\_INTEREST\_INVOICE | Table | BSRM\_IT | The table for Interest Invoice |
| MR\_AIT\_UNAPPLIED\_SP\_BSRM\_V | View | BSRM\_IT | View for Unapplied VAT and AIT List. |
| MR\_DISCOUNT\_WITHDRAW | Table | BSRM\_IT | Table for cash Discount withdrawn |
| MR\_CASE\_CUSTOMER\_LIST | Table | BSRM\_IT | The table for case party customer. |
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**API Details**

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| --- | --- | --- |
| **Project Name** | **API Endpoint** | **Description** |
| BSRM API | MRApplicationController | Fetch MR Information and Create MR from apps and web UI. All kind of MR application are doing by here. |
|  | MRApprovalController | Money receipt to be Approved accounts or sales support, its mapping based on OU. |
|  | MRDiscountInformationController | Get all discount information’s based on levels. |
|  | MRInterestCalculationController | Show to all late payment charge list for customer. Also find interest date list |
|  | MRRegisterController |  |
|  | UnAppliedAitMRController | All AIT or VAT MR apply with invoice. |
|  | UnAppliedMRController | Get unapplied MR list for sales support and sales person. |
|  | UnAppliedMRSOController | Unapplied MR tag with sales order. |
|  | CasePartyController | Get all case party list and insert new case party customer on this list. |
|  | CasePartyDealerController | Get all dealer list for assign case party. |
|  |  |  |

**Repositories/Additional class/DLL Details**

|  |  |  |
| --- | --- | --- |
| **Project Name** | **Class/DLL Name** | **Description** |
| BSRM API | MROnlineBL | The main repository for OMR where |
|  | MRProcessLogic | All kind of process are doing here. |
|  |  |  |

**Angular UI Details**

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| --- | --- | --- | --- |
| **Project Name** | **Component/Service** | **Module & Routing** | **Description** |
| MR Application | MrApplicationComponent | Transaction > mrapplication | Showing all application MR list |
|  | MrUnAppliedComponent | Transaction > unappliedmr | All kind on Un applied MR list. |
|  | MraitappliedComponent | Transaction > unappliedaitmr | All AIT and VAT operation applied. |
|  | MrAitLstComponent | Transaction > pendingaitlist | All AIT and VAT related list and operation. |
|  | MrApplicationListComponent | Transaction > mrapplicationlist | MR Application List |
|  | MrApprovalComponent | Transaction > mrapproval | Money receipt to be Approved accounts or sales support, its mapping based on OU. |
|  | MrdiscountinfoComponent | Transaction >  mrdiscountinfo | Get all discount information’s based on levels. |
|  | MrlatepaymentchargeComponent | Transaction >  latepaymentcharge | Show to all late payment charge list for customer. Also find interest date list |
|  | MrregisterComponent | Transaction >  mrregister |  |
|  | CasePartyListComponent | Transaction >  caseparty | Get all case party list and insert new case party customer on this list. |
|  | **Service:**   1. GlobalService 2. HttpService |  |  |

**Logging Details**

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| --- | --- | --- | --- |
| Project Name | Technology/Language | Class | Remark |
| BSRM OMR | MongoDB, MongoDB Compass | MessageHandler.cs | Store all API calling data in a NoSQL Database (MongoDB) for log purpose. |

**Technology Used**

|  |  |  |  |
| --- | --- | --- | --- |
| Project Name | Technology/Language | Development Tools | Remark |
| BSRM OMR | C#, Devextreme, Angular 10, .Net Framework 4.5.1 | Visual Studio 2017,  Visual Code | Angular 10 for Web UI. |

**Source Code & Hosting Details**

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| --- | --- | --- | --- |
| **Project Name** | **Hosting Details (URL, IP)** | **Deployment Details** | **Source code path** |
| Hosting Details (UI) | URL:<http://omr.bsrm.com/#/>  IP:192.168.103.14:4210/#/ | 192.168.103.14  D:\WebApplicationHosted\OMRUI | <https://dev.azure.com/bitdeveloper66/ONLINE_MONEY_RECEIPT/_git/bsrm_mrui.git> |
| Hosting Details (API) | URL:<http://omrapi.bsrm.com/mrapi/bsrmapi/>  IP:192.168.103.14:85/ mrapi | 192.168.103.14  E:\API\mrapi | <https://dev.azure.com/bitdeveloper66/ONLINE_MONEY_RECEIPT/_git/api> |

**Database Details:**

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| --- | --- | --- |
| **Database Name** | **Connection Details** | **DB Vendor** |
| PROD | 192.168.102.4  User: BSRM\_IT | Oracle |
| dbiBMS | 192.168.103.4  User: mainulhk | MSSQL |