**Danial Dadmohammadi**

**[D365 finance and operations]  ARADA**

**Technical design document**

**for**

**IT-293 |** **RRF - Recruitment project status Business event**

**Revision and Signoff Sheet**

**Change Record**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Author | Version | Change reference |
| 5/9/2023 | Danial Dadmohammadi | 1.0.0 | Task 293: RRF - Recruitment project status Business event |

**Reviewers**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Version reviewed | Position | Date |
| Nagendra Chitturi | 1.0.0 | Solution Architect |  |

**Approvers**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Version reviewed | Position | Date |
| Awad | 1.0.0 | Senior Manager – Enterprise solutions |  |

**Table of Contents**

Contents

[Table of Contents 1](#_Toc153182352)

[1. Overview 2](#_Toc153182353)

[Objective 2](#_Toc153182354)

[- When the status of recruitment project changes, business event has to be triggered. 2](#_Toc153182355)

[References 2](#_Toc153182356)

[Purpose and Overview 2](#_Toc153182357)

[- Firing a new business event at the time of the changing on the project status on updating in the “HRMRECRUITINGTABLE” table. 2](#_Toc153182358)

[Requirement Overview 2](#_Toc153182359)

[Business event triggering on the updating a field in one table 2](#_Toc153182360)

[Solution Overview 2](#_Toc153182361)

[Security design 3](#_Toc153182362)

[Security Roles 3](#_Toc153182363)

[Duties 3](#_Toc153182364)

[Privileges 3](#_Toc153182365)

[Process Cycles 3](#_Toc153182366)

1. Overview

## Objective

## When the status of recruitment project changes, business event has to be triggered.

## References

|  |  |  |  |
| --- | --- | --- | --- |
| ZOHO ID | Manage Engine ID | Description | Owner |
| B588-T38,  B588-T136 | -- | RRF - Recruitment project status Business event | Danial |

## Purpose and Overview

## Firing a new business event at the time of the changing on the project status on updating in the “HRMRECRUITINGTABLE” table.

## Requirement Overview

## Business event triggering on the updating a field in one table

## Solution Overview

* In order to triggering a new business event in the “Human resource” module, it is triggered after the updating of “HRMRecruitingTable” table on the field of the “Status”. Actually, we added an event handler based on the “Updated” event on the mentioned table. Whenever an update happens, the business event would be fired and the required actions like send an email or y other ones would be done.

Following are the objects that are involved in the development process.

Soloution name: ARHumanResourceRecruitmentProjectsBE

Project name: ARHumanResourceRecruitmentProjectsBE

**Classes:**

|  |  |
| --- | --- |
| **Object name** | **Purpose** |
| ARHRRecruitmentProjectsBusinessEvent | Extend from the “BusinessEventsBase" to handle core logic of the business event |
| ARHRRecruitmentProjectsBusinessEventContract | The data contract class for a “ARHRRecruitmentProjects“business event. |
| ARHRRecruitmentProjectsBusinessEventTrigger | An event handler class for the “updated” event on the table |

### Security design

## Security Roles

|  |  |  |
| --- | --- | --- |
| **Name** | **Duties** | **Addl Remarks** |
| -- | -- | -- |

## Duties

|  |  |  |
| --- | --- | --- |
| **Name** | **Privileges** | **Addl Remarks** |
| -- | -- | -- |

## Privileges

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Entry Points** | **DATA entity permission** | **Access Level** | **Addl Remarks** |
| -- | -- | -- | -- | -- |

## Process Cycles

|  |  |  |
| --- | --- | --- |
| **Name** | **Duties** | **Addl Remarks** |
| -- | -- | -- |