**RECRUITMENT MODULE API DOCUMENTATION**

**DOCUMENT REVIEW**

**INTRODUCTION**

Recruitment is the process of identifying, sourcing, screening, shortlisting, and interviewing candidates for jobs (either permanent or temporary) within an organization. The recruitment process varies widely based on the employer, seniority and type of role and the industry or sector the role is in.

This documentation focuses on the integration between the HR Suite portal and Microsoft Dynamics Business central.

**VACANCIES/JOBS**

Vacancy refers to a job or position in an organisation that needs to be filled. Organisations or companies advertise when they need to hire new employees to fulfill the specific roles. Using the self service portal, people with the required skills should be in position to view the available jobs and submit their applications.

The API link below can be used to get the list of available jobs.

<http://20.87.21.82:9048/HRSuite/api/hrsuite/hrmodule/v2.0/vacancies?company='CRONUS%20International%20Ltd>.'

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD NAME** | **DATA TYPE** | **LENGTH** | **PK/FK** |
| vacancyCode | Varchar | 20 | PK |
| positionCode | Varchar | 20 | FK |
| jobTitle | Text | 30 |  |
| orgDepartment | Text | 100 |  |
| dutyStation | Text | 100 |  |
| contractType | Text | 100 |  |
| duration | Text | 100 |  |
| applicationPeriod | Text | 50 |  |

The Job or vacancy has the following sections

1. Roles and Responsibilities
2. Roles and Responsibilities Details
3. Qualifications
4. Skills
5. Professional Certificates
6. Languages

ROLES AND RESPONSIBILITIES.

Each employee position has a list of job descriptions or roles and responsibilities.

The API link below can be used to get the roles and responsibilities related to the position.

http://20.87.21.82:9048/HRSuite/api/hrsuite/hrmodule/v2.0/rolesandResponsibilites?company='CRONUS%20International%20Ltd.' &$filter=positionCode eq ‘positionCodeForTheVacancy’

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD NAME** | **DATA TYPE** | **LENGTH** | **PK/FK** |
| positionCode | Varchar | 20 | FK |
| lineNo | Integer |  |  |
| rolesandResponsibilities | Text | 250 |  |
| Percentage | Decimal |  |  |

ROLES AND DETAILS RESPONSIBILITIES

The Job Description can have extra details depending on the organisation and the level of detail that needs to be specified. A job description line can have multiple lines of detail.

The API link below can be used to get the details related to the description through filters.

http://20.87.21.82:9048/HRSuite/api/hrsuite/hrmodule/v2.0/rolesandResponsDetials?company='CRONUS%20International%20Ltd.' &$filter=positionID eq ‘positioncodeForTheVacancy’ and roleID eq lineNoForTheRole

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD NAME** | **DATA TYPE** | **LENGTH** | **PK/FK** |
| positionID | Varchar | 20 | FK |
| roleID | Integer |  | FK |
| lineNo | Integer |  |  |
| Detail | Text | 250 |  |

**SKILLS/COMPETENCE**

Different skills are required for a particular role. For the Job or vacancy, the skills are related to the position.

The API link below can be used to get the skills related to the position for the job or vacancy.

http://20.87.21.82:9048/HRSuite/api/hrsuite/hrmodule/v2.0/positionSkills?company='CRONUS%20International%20Ltd.'&$filter=positionCode eq ‘positionCodeForTheVacancy’

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD NAME** | **DATA TYPE** | **LENGTH** | **PK/FK** |
| positionCode | Varchar | 20 | FK |
| skillID | Varchar | 20 | FK |
| skillDescription | Text | 100 |  |
| proficiencyLevel |  |  |  |
| Importance |  |  |  |
| skillCategory |  |  |  |

**QUALIFICATIONS**

To successfully perform the job, certain qualifications and experience are required. The qualifications are related to the position for the job or vacancy.

The API link below can be used to get the qualifications related to the position for the job or vacancy.

http://20.87.21.82:9048/HRSuite/api/hrsuite/hrmodule/v2.0/employeePositionQualifications?company='CRONUS%20International%20Ltd.'&$filter=positionCode eq ‘positionCodeForTheJob’

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD NAME** | **DATA TYPE** | **LENGTH** | **PK/FK** |
| positionCode | Varchar | 20 | FK |
| qualificationCategoryCode | Varchar | 20 | FK |
| fieldofStudy | Text | 100 |  |
| minimumlevelofEducation |  |  |  |
| yearsofExperience | Integer |  |  |

**PROFESSIONAL CERTIFICATES**

For some positions, professional certificates may be required.

To get the list of professional certificates, the API link below can be used.

http://20.87.21.82:9048/HRSuite/api/hrsuite/hrmodule/v2.0/positionCertificate?company='CRONUS%20International%20Ltd.'&$filter=positionCode eq ‘positionCodeForTheJob’

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD NAME** | **DATA TYPE** | **LENGTH** | **PK/FK** |
| positionCode | Varchar | 20 | FK |
| certificateCode | Varchar | 20 | FK |
| certificateName | Text | 100 |  |
| Relevance |  |  |  |

**LANGUAGES**

Depending on the organisation, a position can have specific languages that are required for the success of the role.

The API link below can be used to get the languages required for the position related for the job or vacancy.

http://20.87.21.82:9048/HRSuite/api/hrsuite/hrmodule/v2.0/positionLanguages?company='CRONUS%20International%20Ltd.'&$filter=positionCode eq ‘positionCodeForTheJob’

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD NAME** | **DATA TYPE** | **LENGTH** | **PK/FK** |
| positionCode | Varchar | 20 | FK |
| languageCode | Varchar | 20 | FK |
| languageDescription | Text | 100 |  |