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API Specification

Document - MOHRE

RELEASE 1.0

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1. **APIs**

## Authentication

To access any resource authentication is required. Instead of using the resource owner's credentials to access protected resources, the client obtains an access token.

To generate access token basic authorization header with `client id` and `secret` encoded in `Base64` should be passed as authorization header.

|  |  |
| --- | --- |
| URL | /oauth/token |
| Method | POST |
| Header | Accept: application/json;charset=UTF-8  Authorization: Basic T0F1dGgyX0NsaWVudDoxMjM0NTY3ODkwMTIzNA==  Content-Type: application/x-www-form-urlencoded |
| Request | grant\_type=password&username=demo&password=password |
| Success Response | Code: 200 OK  Content:  {  "access\_token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9",  "token\_type": "bearer",  "refresh\_token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9",  "expires\_in": 86395,  "scope": "trust",  "firstName": "MoL",  "lastName": "User",  "userName": "moluser",  "email": "moluser@beyontec.com"  } |
| Error Response | Code: 400 BAD REQUEST  Content:  {  "error": "invalid\_grant",  "error\_description": "Bad credentials"  } |

Note: Resources can be accessed using access token by passing as authorization header \_\_**Authorization: Bearer <access\_token>**\_\_.

## Issue Certificate

Based on the worker, employer and visa details, certificate will be issued without any manual intervention.

|  |  |
| --- | --- |
| URL | /api/certificate |
| Method | POST |
| Header | Accept: application/json;charset=UTF-8  Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9  Content-Type: application/json;charset=UTF-8 |
| Request | {  "workerNameEn": "Worker Name in English",  "workerNameAr": "Worker Name in Arabic",  "dateOfBirth": "Date of Birth in dd/mm/yyyy",  "gender": "Gender",  "nationality": "Nationality",  "countryOfBirth": "Country of Birth",  "passportType": "Passport Type",  "passportNo": "Passport Number",  "maritalStatus": "Marital Status",  "mohreJobId": "MOHRE Job Id",  "enscoJobId": "ENSCO Job Id",  "employeeCategory": "Domestic Worker Visa / Institutional Visa",  "labourReferenceNo": "Labour Reference Number",  "previousPolicyNo": "Previous Policy Number",  "visaApprovalDate": "Visa Approval Date in dd/mm/yyyy",  "visaExpirationDate": "Visa Expiration Date in dd/mm/yyyy",  "salary": "Salary",  "emiratesId": "Emirates Id",  "employerLicenseNo": "Employer Code / Trade License Number",  "employerNameEn": "Employer Name in English",  "employerNameAr": "Employer Name in Arabic",  "establishmentClassfication": "Establishment Classification (2A / 2B / 2C)",  "industry": "Industry",  "establishmentCardNo": "Establishment Card Number",  "fileNo": "File Number",  "transactionType": "Type of Transaction"  } |
| Success Response | Code: 200 OK  Content:  {  "certificateNo": "xxxx",  "approvalDate": "xx-xx-xxxx",  "expiryDate": "xx-xx-xxxx"  } |
| Error Response | Code: 400 BAD REQUEST  Content:  {  "errors": [  {  "code": "WD002",  "message": "One of Mandatory field didn’t have value"  },  {  "code": "WD001",  "message": "DOB field cant be greater than or equal to Visa Approval Date."  }  ]  } |

## Cancel Certificate

Based on the certificate number and cancel details, certificate will be canceled without any manual intervention.

|  |  |
| --- | --- |
| URL | /api/certificate/cancel |
| Method | POST |
| Header | Accept: application/json;charset=UTF-8  Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9  Content-Type: application/json;charset=UTF-8 |
| Request | {  "cancelType": "Cancellation Type",  "certificateNo": "Certificate Number",  "labourReferenceNo": "Labour Card Reference Number",  "cancelledDate": "Cancellation Date"  "cancelReason": "Canceled Reason"  } |
| Success Response | Code: 200 OK  Content:  {  "success": "true"  } |
| Error Response | Code: 400 BAD REQUEST  Content:  {  "errors": [  {  "code": "CC001",  "message": "Cancel Date of Visa cant be less than Visa Approval Date"  },  {  "code": "CC004",  "message": "Canceled Policy can’t be cancelled again"  }  ]  } |

## Claim Registration

Based on the worker and payment details, claim will be registered without any manual intervention.

|  |  |
| --- | --- |
| URL | /api/claims/create |
| Method | POST |
| Header | Accept: application/json;charset=UTF-8  Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9 |
| Request | Payload: form-data  Requests:   1. claimInfo: {   "complaintNumber": "Complaint Number",  "employerName": "Employer Name",  "employerLicenseNo": "Employer License Number",  "claimLaunchDate": "Claim Launch Date",  "emiratesId": "Emirates Id",  "visaReferenceNo": "Visa Reference Number",  "claimReason": "Claim Reason",  "claimReason2": "Another Claim Reason",  "claimDescription": "Claim Description",  "claimPaymentType": "Claim Payment Type",  "payeeType": "Payee Type",  "paymentAmount": "Payment Amount",  "payeePhoneNumber": "Payee Phone Number",  "payeeEmail": "Payee Email",  "groupId": "Group id for Bulk Claim",  "remarks": "Remarks",  “certificateNo”: “Certificate Number”  }   1. documents: <Upload file> 2. documents: <Upload file> … |
| Success Response | Code: 200 OK  Content:  {  "complaintNumber": "CL/89/777/2017",  "emiratesId": "784-2001-589471-5",  "claimStatus": "01",  "errorId": null,  "errorMessage": null,  "responseId": "01",  "responseMessage": "Claim Registered Successfully",  "responseDate": "14-09-2018"  } |
| Error Response | Code: 400 BAD REQUEST  Content:  {  "complaintNumber": "CL/89/777/2017",  "emiratesId": "784-2001-589471-5",  "claimStatus": "02",  "errorId": "001",  "errorMessage": "One of Mandatory field didn’t have value",  "responseId": null,  "responseMessage": "Claim Registration Failed",  "responseDate": "14-09-2018"  } |

## Claim Updation

Based on the worker and document details, claim will be updated without any manual intervention.

|  |  |
| --- | --- |
| URL | /api/claims/update |
| Method | POST |
| Header | Accept: application/json;charset=UTF-8  Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9 |
| Request | Payload: form-data  Requests:   1. claimInfo: {   "complaintNumber": "Complaint Number",  "workerEmiratesId": "Emirates Id",  "visaReferenceNo": "Visa Reference Number",  "notes": "Notes"  }   1. documents: <Upload file> 2. documents: <Upload file> … |
| Success Response | Code: 200 OK  Content:  {  "success": "true"  } |
| Error Response | Code: 400 BAD REQUEST  Content:  {  "errors": [  {  "code": "UC004",  "message": "Claim for this complaint number does not exist"  }  ]  } |

## Acknowledge Certificate

Based on the certificate and period details, acknowledge of the certificate will be send.

|  |  |
| --- | --- |
| URL | /api/certificate/acknowledge |
| Method | GET |
| Header | Accept: application/json;charset=UTF-8  Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9 |
| Request | Payload: parameters  Requests:   1. certificateNo 2. visaApprovalDate 3. visaExpirationDate |
| Success Response | Code: 200 OK  Content:  {  "success": "true"  } |
| Error Response | Code: 400 BAD REQUEST  Content:  {  "errors": [  {  "code": "WD011",  "message": "Invalid Visa Expiration Date. The date format should be dd-MM-yyyy"  }  ]  } |

## Payload Certificate

Based on the certificate and period details, acknowledge of the certificate will be send.

|  |  |
| --- | --- |
| URL | /api/certificate/payload |
| Method | GET |
| Header | Accept: application/json;charset=UTF-8  Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9 |
| Request | Payload: parameters  Requests:   1. certificateNo |
| Success Response | Code: 200 OK  Content:  {  "workerNameEn": "ERESE",  "workerNameAr": "لورنا ديسبو اريس",  "dateOfBirth": "30-01-1981",  "gender": "2",  "nationality": "USA",  "countryOfBirth": "IND",  "passportType": "1",  "passportNo": "EB0713340014",  "maritalStatus": "S",  "employeeCategory": "1",  "labourReferenceNo": "ZG31431RFAD",  "visaApprovalDate": "30-09-2018",  "visaExpirationDate": "30-09-2019",  "salary": "2000",  "emiratesId": null,  "employerLicenseNo": "548854",  "employerNameEn": "MOHD ABDULLA ALI",  "employerNameAr": "محمد عبدالله على بالعبيده",  "establishmentClassfication": "2-D",  "industry": "4773306",  "establishmentCardNo": "0",  "documentPath": "5bbc8465bca6da17d4e2f119",  "mohreJobId": "8153013",  "enscoJobId": null,  "fileNo": "2010711114496",  "previousPolicyNo": null,  "transactionType": "P"  } |
| Error Response | Code: 400 BAD REQUEST  Content:  {  "errors": [  "Requested certificate is not available in the system"  ]  } |

## Batch Process Certificate

Based on the batch id, certificate will be generated based on the batch id without manual intervention.

|  |  |
| --- | --- |
| URL | /api/certificate/batch/<batch\_id> |
| Method | POST |
| Header | Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9 |
| Request | Batch id in the API url |
| Success Response | Code: 200 OK  Content:  {  "message": "Batch process is initiated successfully"  } |
| Error Response | Code: 500 INTERNAL SERVER ERROR  Content:  {  "errors": [  "Batch process is already initiated for this batch id"  ]  } |

## Payment Claim

Based on the complaint number and payment amount will be updated the payment for the claim without manual intervention.

|  |  |
| --- | --- |
| URL | /api/claims/payment/create |
| Method | POST |
| Header | Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9  Accept: application/json;charset=UTF-8 |
| Request | Request:  {  "complaintNumber": "Complaint Number",  "workerEmiratesId": "Emirates ID",  "visaReferenceNo": "Visa Reference Number",  "employerName": "Employer Name",  "payeeName":"Payee Name",  "employerLicenseNo": "Employer License Number",  "paymentAmount": "Payment Amount",  "payee": "Payee",  "workerPhoneNo": "Worker Phone Number",  "workerEmailId": "Worker Email ID"  } |
| Success Response | Code: 200 OK  Content:  {  "success": true  } |
| Error Response | Code: 500 INTERNAL SERVER ERROR  Content:  {  "errors": [  {  "code": "RC009",  "message": "ComplaintNumber is mandatory"  },  {  "code": "UC015",  "message": "Payment amount must be number"  }  ]  } |

## Update Certificate

Based on the worker, employer and visa details, Certificate will be updated without any manual intervention.

|  |  |
| --- | --- |
| URL | /api/certificate |
| Method | PUT |
| Header | Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9  Accept: application/json;charset=UTF-8 |
| Request | Request:  {  "certificateNumber":"Certificate Number",  "endorsementDate":"Endorsement Date",  "workerNameEn": "Worker Name in English",  "workerNameAr": "Worker Name in Arabic",  "dateOfBirth": "Date of Birth",  "gender": "Gender",  "nationality": "Nationality",  "countryOfBirth": "Country of Birth",  "passportType": "Passport Type",  "passportNo": "Passport Number",  "maritalStatus": "Marital Status",  "mohreJobId": "MOHRE Job Id",  "enscoJobId": "ENSCO Job Id",  "employeeCategory": "Domestic Worker Visa / Institutional Visa",  "labourReferenceNo": "Labour Reference Number",  "previousPolicyNo": "Previous Policy Number",  "visaApprovalDate": "Visa Approval Date",  "visaExpirationDate": "Visa Expiration Date",  "salary": "Salary",  "emiratesId": "Emirates Id",  "employerLicenseNo": "Employer Code / Trade License Number",  "employerNameEn": "Employer Name in English",  "employerNameAr": "Employer Name in Arabic",  "establishmentClassfication": "Establishment Classification (2A / 2B / 2C)",  "industry": "Industry",  "establishmentCardNo": "Establishment Card Number",  "fileNo": "File Number",  "transactionType": "Type of Transaction"  } |
| Success Response | Code: 200 OK  Content:  {  "success": true,  "certificateNo": "xxxx"  } |
| Error Response | Code: 400 Bad Request  Content:  {  "errors": [  {  "code": "UC019",  "message": "Invalid endorsement date. The date format should be dd/MM/yyyy"  },  {  "code": "UC017",  "message": "The request can't update due to employee category change."  }  ]  } |