**ExamPortal-User-Api**

**Database name: examportalmicroservice**

**Table1: admin**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size for display** | **Description** | **Example** |
| id | BIGINT | 20 | Unique ID for each Admin | 1 |
| acc\_status | BIT | 1 | Account status | active |
| address\_line1 | VARCHAR | 50 | Address of Admin |  |
| address\_line2 | VARCHAR | 50 |  |  |
| date\_stamp | DATETIME | 6 | Current date and time when this record is inserted | 2023-01-23 13:32:18.000000  (autogenerated) |
| email | VARCHAR | 40 | Email address | admin@gmail.com |
| mobile | VARCHAR | 20 | Contact number | 7845127896 |
| name | VARCHAR | 100 | Name of admin |  |
| password | VARCHAR | 200 | password |  |
| role | VARCHAR | 20 |  | ADMIN |
| pin\_code | VARCHAR | 20 | Pincode to identify city, state, country | 411033  Dange Chowk, Pune |

**Table2: client**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size for display** | **Description** | **Example** |
| id | BIGINT | 20 | Unique ID for each Client | 1 |
| acc\_status | BIT | 1 | Account status | active |
| address\_line1 | VARCHAR | 50 | Address of Client |  |
| address\_line2 | VARCHAR | 50 |  |  |
| date\_stamp | DATETIME | 6 | Current date and time when this record is inserted | 2023-01-23 13:32:18.000000  (autogenerated) |
| email | VARCHAR | 40 | Email address | client@gmail.com |
| mobile | VARCHAR | 20 | Contact number | 7896452314 |
| name | VARCHAR | 100 | Name of client |  |
| password | VARCHAR | 200 | password |  |
| role | VARCHAR | 20 |  | CLIENT |
| pin\_code | VARCHAR | 20 | Pincode to identify city, state, country | 411033  Dange Chowk, Pune |
| exam\_count | INT | 11 | Number of exams conducted under this client | 2 |
| sub\_id | BIGINT | 20 | Plan selected by this client | BASIC: with maximum 3 exams |

**Table3: exam\_admin**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size for display** | **Description** | **Example** |
| id | BIGINT | 20 | Unique ID for each Exam-Admin | 1 |
| acc\_status | BIT | 1 | Account status | active |
| address\_line1 | VARCHAR | 50 | Address of Exam-Admin |  |
| address\_line2 | VARCHAR | 50 |  |  |
| date\_stamp | DATETIME | 6 | Current date and time when this record is inserted | 2023-01-23 13:32:18.000000  (autogenerated) |
| email | VARCHAR | 40 | Email address | examadmin@gmail.com |
| mobile | VARCHAR | 20 | Contact number | 7896452314 |
| name | VARCHAR | 100 | Name of Exam-Admin |  |
| password | VARCHAR | 200 | password |  |
| role | VARCHAR | 20 |  | EXAM-ADMIN |
| pin\_code | VARCHAR | 20 | Pincode to identify city, state, country | 411033  Dange Chowk, Pune |
| department | VARCHAR | 40 | Department of Exam Admin | HR |
| c\_id | BIGINT | 20 | Client id who has created this exam-admin account | 1 |
| dob | DATE |  | Date of birth | 1980-05-04 |
| gender | VARCHAR | 20 | Gender of exam-admin | MALE/FEMALE/OTHER |

**Table4: candidate**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size for display** | **Description** | **Example** |
| id | BIGINT | 20 | Unique ID for each Exam-Admin | 1 |
| acc\_status | BIT | 1 | Account status | active |
| address\_line1 | VARCHAR | 50 | Address of Exam-Admin |  |
| address\_line2 | VARCHAR | 50 |  |  |
| date\_stamp | DATETIME | 6 | Current date and time when this record is inserted | 2023-01-23 13:32:18.000000  (autogenerated) |
| email | VARCHAR | 40 | Email address | examadmin@gmail.com |
| mobile | VARCHAR | 20 | Contact number | 7896452314 |
| name | VARCHAR | 100 | Name of Exam-Admin |  |
| password | VARCHAR | 200 | password |  |
| role | VARCHAR | 20 |  | CANDIDATE |
| pin\_code | VARCHAR | 20 | Pincode to identify city, state, country | 411033  Dange Chowk, Pune |
| ea\_id | BIGINT | 20 | Exam-Admin id who has created this candidate account account | 1 |
| dob | DATE |  | Date of birth | 1980-05-04 |
| gender | VARCHAR | 20 | Gender of exam-admin | MALE/FEMALE/OTHER |

**Table5: address**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size for display** | **Description** | **Example** |
| pin\_code | VARCHAR | 20 | Unique id for address table | 411033 |
| city | VARCHAR | 20 | City corresponding to pincode | Pune |
| country | VARCHAR | 20 | Country | India |
| state | VARCHAR | 20 | State | Maharashtra |

**Table6: subscription**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size for display** | **Description** | **Example** |
| id | BIGINT | 20 | Unique id to identify subscription | 1 |
| date\_stamp | DATETIME | 6 | Current date and time when this record is inserted | 2023-01-23 13:32:18.000000  (autogenerated) |
| no\_of\_exams | INT | 11 | Maximum number of exams can be conducted by using this subscription | 3 |
| plan\_name | VARCHAR | 255 | Subscription name | BASIC |
| price | DOUBLE |  | Price details | 3000 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size for display** | **Description** | **Example** |
| id | **BIGINT** | **20** | **Unique id for each question** | **1** |
| question | VARCHAR | 255 | Question in string format | Latest stable version of java? |
| optA | VARCHAR | 255 | Possible answer 1 | Java 8 |
| optB | VARCHAR | 255 | Possible answer 2 | Java 9 |
| optC | VARCHAR | 255 | Possible answer 3 | Java 10 |
| optD | VARCHAR | 255 | Possible answer 4 | Java 17 |
| expected\_ans | JSON |  | Correct answer | Java 17 |
| marks\_per\_ques | INT | 11 | Marks per questions | 1 |
| neg\_marks\_per\_ques | INT | 11 | Negative Marks per question | 1/3 |
| image\_data | LONGBLOB |  | Image related to that question | Code snippet |
| date\_stamp | DATETIME | 6 | Current date and time when question is inserted | 2023-01-23 13:32:18.000000  (autogenerated) |
| severity | VARCHAR | 80 | Question difficulty level | Easy, Medium, Hard |
| skill\_id | BIGINT | 20 | To identify category of question (FK) |  |
| file\_name | VARCHAR | 50 | Name of file which we are going to upload into the application | Question.csv |

**Table 1: question\_bank**

**Table 2: candidate\_skill (candidate\_competency+skill)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size for display** | **Description** | **Example** |
| candidate\_id | BIGINT | **20** | Unique id for each candidate (FK) | **1** |
| skillId | BIGINT | 20 | Unique id for each skill (FK) | 1 |
| date\_stamp | DATETIME |  | Current date and time when skill is inserted | 2023-01-23 13:32:18.000000  (autogenerated) |

**Table 3: skill**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size for display** | **Description** | **Example** |
| **Id** | BIGINT | **20** | Unique id for each skill (PK) | **1** |
| Skill\_name | VARCHAR | 45 | Name of the skill | Java |
| description | VARCHAR | 100 | Description of this skill | OOPS, Java 8 features etc. |

**Table 4: candidate\_competency**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size for display** | **Description** | **Example** |
| candidate\_id | BIGINT | **20** | Unique id for each candidate (PK) | **1** |
| skill\_id | BIGINT | 20 | Unique id for each skill (FK) | 2 |
| experience\_id | BIGINT | 20 | Unique id for each experience (FK) | 2 |
| date\_stamp | DATETIME |  | Current date and time when candidate Competency is inserted | 2023-01-23 13:32:18.000000  (autogenerated) |

**Table 5: experience**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size for display** | **Description** | **Example** |
| id | BIGINT | **20** | Unique id for each experience (PK) | **1** |
| no\_of\_years | INT | 11 | Experience of candidate in years | 2 |
| speciality | VARCHAR | 80 | Specialty of candidate | Tester/Developer/QA |

**Table 6: candidate\_exp**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size for display** | **Description** | **Example** |
| candidate\_id | BIGINT | **20** | Unique id from candidate\_competency table | **1** |
| experience\_id | BIGINT | 20 | Unique id from experience table | 2 |
| date\_stamp | DATETIME |  | Current date and time when data inserted in table | 2023-01-23 13:32:18.000000  (autogenerated) |

**Table 7: result**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size for display** | **Description** | **Example** |
| id | BIGINT | **20** | Unique id for each result of candidate (PK) | **1** |
| candidate\_id | BIGINT | 20 | Candidate id associated with this result | 2 |
| candidate\_marks | INT | 11 | Marks of candidate for given exam | 45 |
| total\_marks | INT | 11 | Total marks (Out of) for given exam | 50 |
| grade | INT | 11 | Grade of candidate for given exam | (45\*100)/50 |
| date\_stamp | DATETIME |  |  | 2023-01-23 13:32:18.000000  (autogenerated) |

**Table 8: candidate\_response**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size for display** | **Description** | **Example** |
| id | BIGINT | **20** | **Unique id for candidate response in given eaxm** | **1** |
| candidate\_id | BIGINT | 20 | Id of candidate associated with this response | 2 |
| question\_id | BIGINT | 20 | Id of question associated with this response | 3 |
| response | JSON |  | One or more answers of a question | [1] |
| date\_stamp | DATETIME |  |  |  |