Freelance Platform Attributes and Attribute Domains

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Entity** | **Attribute** | **Attribute domain** | | | **Null** | **Derived** | **Composite** | **Multi valued** | **Candidate key** | **Primary Key** |
| **Type** | **Length** | **Format** |
| 1 | User | User name | Variable characters | 255 | [a-z A-Z] |  |  | (FName , LName) |  |  | ✓ |
| Last name | Variable characters | 255 | [a-z A-Z] |  |  |  |  |  |  |
| First name | Variable characters | 255 | [a-z A-Z] |  |  |  |  |  |  |
| Email | Variable characters | 255 |  |  |  |  |  | ✓ |  |
| password | Variable characters | [8-15] | [a-z A-Z 0-9] |  |  |  |  |  |  |
| gender | Enum | 1 or 5 | [M , F] |  |  |  |  |  |  |
| Personal image | text | 255 | [a-z A-Z 0-9] |  |  |  |  |  |  |
| Phone number | text | 255 | +20 [0-9] | ✓ |  |  | ✓ |  |  |
| 2 | Client | user-account-id | Numeric |  | Int |  |  |  |  |  | ✓ |
| Registration date | Date | 255 | YY-MM-DD |  |  | (year , month , day) |  |  |  |
| Location | Variable characters | 255 | Con-cit-str |  |  | ✓(country, city, street) | ✓ |  |  |
| Company-id | Variable characters |  |  | ✓ |  |  |  | ✓ |  |
| 3 | Company | name | Variable characters | 255 | [a-z A-Z] |  |  |  |  |  | ✓ |
| location | Variable characters | 255 | Con-cit-str |  |  | ✓(country, city, street) | ✓ |  |  |
| 4 | Freelancer | user-account-id | Numeric |  |  |  |  |  |  |  | ✓ |
| Registration date | Date | 255 | YY-MM-DD |  |  | (year , month , day) |  |  |  |
| Location | Variable characters | 255 | Con-cit-str |  |  | ✓(country, city, street) | ✓ |  |  |
| Overview | TEXT | 500 | [a-z A-Z 0-9] | ✓ |  |  |  |  |  |
| Category | Enum | 255 | [a-z A-Z] |  |  |  |  |  |  |
| Job-title | Variable characters | 255 | [a-z A-Z] |  |  |  | ✓ |  |  |
| Experience-level | Variable characters | Enum |  | ✓ |  |  |  |  |  |
| Education | Variable characters | 500 | [a-z A-Z] | ✓ |  |  | ✓ |  |  |
|  |  | language-level | enum |  |  |  |  |  |  |  |  |
|  |  | Language | Variable characters | 255 | [a-z A-Z] | R |  |  |  |  |  |
|  |  | portfolio | int |  |  |  |  |  |  |  |  |
| 5 | certificate | name | Variable characters | 255 | [a-z A-Z] |  |  |  |  |  |  |
| provider | Variable characters | 255 | [a-z A-Z] |  |  |  |  |  |  |
| description | TEXT |  | [a-z A-Z] |  |  |  |  |  |  |
| Date earned | Date |  |  |  |  | (year , month , day) |  |  |  |
| link | TEXT |  |  |  |  |  |  |  |  |
| 6 | Test | name | Variable characters | 255 | [a-z A-Z] |  |  |  |  |  | ✓ |
| link | TEXT |  |  |  |  |  |  |  |  |
| **7** | **Test result** | Start date | date |  |  |  |  | (year , month , day) |  |  |  |
| End date | date |  |  |  |  | (year , month , day) |  |  |  |
| link | TEXT |  |  |  |  |  |  |  |  |
|  |  | score | numeric |  | [0-9] |  |  |  |  |  |  |
| **8** | **Skill** | name | Variable characters | 255 | [a-z A-Z] |  |  |  |  |  | ✓ |
| category | Enum | 255 | [a-z A-Z] |  |  |  |  |  |  |
| **9** | **Job** | Duration | Enum | 255 | YY-MM-DD |  |  | (year , month , day) |  |  |  |
| complexity | Enum | 255 | [?, ?, ?] |  |  |  |  |  |  |
| description | TEXT | 500 | [a-z A-Z] |  |  |  |  |  |  |
| Payment type | Variable character | 255 | [?, ?, ?] |  |  |  |  |  |  |
| Payment amount | Currency | 50 | [0-9] |  |  |  |  |  |  |
| category | Enum | 255 |  |  |  |  |  |  |  |
| language | Variable characters | 255 | [a-z A-Z] | ✓ |  |  |  |  |  |
| language-level | Enum |  |  | ✓ |  |  |  |  |  |
| payment-style | Enum |  |  |  |  |  |  |  |  |
|  |  | Job title | Variable characters | 255 |  |  |  |  |  |  |  |
|  |  | Skill | Variable characters | 255 |  | ✓ |  |  | ✓ |  |  |
|  |  | attachment | Variable characters | 255 |  | ✓ |  |  | ✓ |  |  |
| **10** | **proposal** | time | Timestamp |  |  |  |  | (year , month , day , hour) |  |  |  |
| Payment type | Variable character | 255 | [?, ?, ?] |  |  |  |  |  |  |
| Payment amount | Currency |  |  |  |  |  |  |  |  |
| Current status | Variable character | 255 | [?, ?, ?] |  |  |  |  |  |  |
| Client grad | numeric | 1 | 1 - 5 |  |  |  |  |  |  |
| Client comment | TEXT |  |  | ✓ |  |  |  |  |  |
| Client grad | numeric | 1 |  |  |  |  |  |  |  |
| Client comment | TEXT |  |  | ✓ |  |  |  |  |  |
| payment-style | enum | 255 |  |  |  |  |  |  |  |
| **11** | **contract** | Start date | date |  |  |  |  | (year , month , day) |  |  |  |
| End date | date |  |  |  |  | (year , month , day) |  |  |  |
| Payment type | Variable character | 255 | [?, ?, ?] |  |  |  |  |  |  |
| Payment amount | Currency |  |  |  |  |  |  |  |  |
| **12** | **Message** | time | Timestamp |  |  |  |  | (year , month , day , hour) |  |  |  |
| content | TEXT |  |  |  |  |  |  |  |  |
| **13** | **Attachment** | link | TEXT |  |  |  |  |  |  |  |  |