**4.0 System Analysis and Design – Data Based**

**4.1 Data Modeling**

**4.1.1 Data Dictionary**

1. **User Details**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No** | **Field/s** | **Data Type** | **Constraint/s** |
| 1 | UID | Number | Primary, Auto-Increment |
| 2 | User\_Name | Varchar | - |
| 3 | Email | Varchar | Primary |
| 4 | Password | Varchar | Primary |
| 5 | Phone Number | Number | - |
| 6 | Location | Varchar | - |
| 7 | Gender | Text | - |
| 8 | <<display picture>> | - | - |
| 9 | DOB | Date | - |
| 10 | About | Text | - |
| 11 | Is\_Admin | Boolean | 0 |

1. **Admin Login**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Field/s** | **Data Type** | **Constraint/s** |
| 1 | Admin ID | Varchar | Primary |
| 2 | Password | Varchar | - |

1. **Academic Information**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Field/s** | **Data Type** | **Constraint/s** |
| 1 | Institute\_ID | Int | Primary, Auto Increment |
| 2 | Institute\_Name | Varchar | - |
| 3 | Address | Varchar |  |
| 5 | Contact | Number | - |
| 3 | Email\_ID | Varchar |  |
| 3 | About | Text | - |
| 4 | City | Text | - |
| 6 | Stream/s | Text | - |

1. **Chat Backup**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Field/s** | **Data Type** | **Constraint/s** |
| 1 | Session\_ID | Int | Primary |
| 2 | Time\_Stamp | Time | - |
| 3 | ­<<backup file>> | - | - |

1. **Search history**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Field/s** | **Data Type** | **Constraint/s** |
| 1 | UID | Int | Primary |
| 2 | Search\_ID | Int | Primary, Auto-Increment |
| 3 | Search\_Key | Varchar | - |

1. **FAQ**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Field/s** | **Data Type** | **Constraint/s** |
| 1 | Question | Varchar | **-** |
| 2 | Answer | Varchar | **-** |
|  |  |  |  |

1. **Feedback**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Field/s** | **Data Type** | **Constraint/s** |
| 1 | Feedback\_ID | Int | Primary, Auto-Increment |
| 2 | UID | Int | - |
| 3 | User\_Name | Varchar | - |
| 4 | Time\_Stamp | Time | - |
| 5 | Message | Text | - |

1. **Removed Users**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Field/s** | **Data Type** | **Constraint/s** |
| 1 | UID | Number | Primary, Auto-Increment |
| 2 | User\_Name | Varchar | - |
| 3 | Email | Varchar | Primary |
| 4 | Password | Varchar | Primary |
| 5 | Phone Number | Number | - |
| 6 | Location | Varchar | - |
| 7 | Gender | Text | - |
| 8 | <<display picture>> | - | - |
| 9 | DOB | Date | - |
| 10 | About | Text | - |
| 11 | Is\_Admin | Boolean | 0 |

1. **Settings**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Field/s** | **Data Type** | **Constraint/s** |
| 1 |  |  |  |