# Database: dna\_cloud

## Table structure for table dc\_csp

|  |  |
| --- | --- |
| **Field** | **Type** |
| username | Varchar (20) |
| password | Varchar (20) |

## Table structure for table dc\_data\_owner

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Key** |
| id | Int (11) |  |
| name | Varchar (20) |  |
| mobile | Bigint (20) |  |
| email | Varchar (40) |  |
| city | Varchar (20) |  |
| owner\_id | Varchar (20) | Primary key |
| password | Varchar (20) |  |
| register\_date | Timestamp |  |

## Table structure for table dc\_data\_user

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Key** |
| id | Int (11) |  |
| name | Varchar (20) |  |
| owner\_id | Varchar (20) |  |
| gender | Varchar (10) |  |
| dob | Varchar (20) |  |
| mobile | Bigint (20) |  |
| email | Varchar (40) |  |
| location | Varchar (50) |  |
| username | Varchar (20) | Primary key |
| password | Varchar (20) |  |
| create\_date | Timestamp |  |

## Table structure for table dc\_file\_upload

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Key** |
| file\_id | Int (11) | Primary key |
| owner\_id | Varchar (20) |  |
| file\_type | Varchar (100) |  |
| file\_description | Varchar (100) |  |
| file\_name\_link | Varchar (50) |  |
| file\_size | Double |  |
| upload\_date | Timestamp |  |

## Table structure for table dc\_key\_details

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Key** |
| id | Int (11) |  |
| owner\_id | Varchar (20) | Foreign key |
| file\_id | Int (11) |  |
| encode\_key | Varchar (20) |  |
| decode\_key | Varchar (20) |  |

## Table structure for table dc\_access\_control

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Key** |
| id | Int (11) |  |
| owner\_id | Varchar (20) |  |
| file\_id | Int (11) | Foreign key |
| username | Varchar (20) |  |
| access\_permission | Varchar (5) |  |

## Table structure for table dc\_dna\_encode

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Key** |
| id | Int (11) |  |
| file\_id | Int (11) | Foreign key |
| fasta\_file\_link | Varchar (50) |  |
| fasta\_filesize | Double |  |
| encode\_time | Timestamp |  |

## Table structure for table dc\_dna\_decode

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Key** |
| id | Int (11) |  |
| file\_id | Int (11) | Foreign key |
| username | Varchar (20) |  |
| decode\_time | Timestamp |  |

## Table structure for table dc\_download\_details

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Key** |
| id | Int (11) |  |
| username | Varchar (20) | Foreign key |
| file\_id | Int (11) |  |
| file\_name\_link | Varchar (50) |  |
| download\_time | Timestamp |  |