1. Tabel t\_comment\_list

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_comment\_list | int | 11 | *primary key* |  |
| id\_job\_list | int | 11 |  | *default* null |
| id\_user | int | 11 |  | *default* null |
| isi\_comment | varchar | 100 |  | *default* null |
| waktu\_comment | datetime |  |  | *default* null |

|  |  |
| --- | --- |
| **Name** | Data t\_comment\_list |
| **Where/How Used** |  |
| **Description** | Pemberian comment |
| **Data Structure** | id\_comment\_list = {legal-number} |
| id\_job\_list = {legal-number} |
| id\_user = {legal-number} |
| isi\_comment = {legal-character} |
| waktu\_comment = {legal-date} + {legal-month} + {legal-year} |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - | / ] |
| {legal-number} = [ 0-9 ] |
| {legal-date} = \*range : 1-31 |
| {legal-month} = \*range : January - December |
| {legal-year} = [ 0-9 ] |

1. Tabel t\_job\_list

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_job\_list | int | 11 | *primary key* |  |
| id\_job\_sheet | int | 11 |  | *default* null |
| head | varchar | 100 |  | *default* null |
| body | text |  |  |  |
| file\_perusahaan | varchar | 100 |  | *default* null |
| status | enum |  |  | *default* null, *check* (status = ‘Finished’ OR status = ‘Unchecked’) |

|  |  |
| --- | --- |
| **Name** | Data t\_job\_list |
| **Where/How Used** |  |
| **Description** | Daftar job list |
| **Data Structure** | id\_job\_list = {legal-number} |
| id\_job\_sheet = {legal-number} |
| head = {legal-character} |
| body = {legal-character} |
| file\_perusahaan = {legal-character } |
| status = [ Finished | Unchecked ] |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |

1. Tabel t\_job\_sheet

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_job\_sheet | int | 11 | *primary key* |  |
| id\_perusahaan | int | 11 |  | not null |
| nama\_job\_sheet | varchar | 100 |  | not null |
| deskripsi\_job\_sheet | text |  |  | not null |
| id\_jurusan | int | 11 |  | *default* null |
| tanggal\_posting | datetime |  |  | not null |
| tanggal\_akhir | datetime |  |  | *default* null |
| status | enum |  |  | not null, *check* (status = ‘Ongoing’ OR status = ‘Finished’ OR status = ‘Unclaimed’ OR status = ‘Hidden’) |
| durasi | int | 11 |  | not null |

|  |  |
| --- | --- |
| **Name** | Data t\_job\_sheet |
| **Where/How Used** |  |
| **Description** | Daftar job sheet |
| **Data Structure** | id\_job\_sheet = {legal-number} |
| id\_perusahaan = {legal-number} |
| nama\_job\_sheet = {legal-character} |
| deskripsi\_job\_sheet = {legal-character} |
| id\_jurusan ={legal-number} |
| tanggal\_posting = {legal-date} + {legal-month} + {legal-year} |
| tanggal\_akhir = {legal-date} + {legal-month} + {legal-year} |
| status = [ Ongoing | Finished | Unclaimed | Hidden ] |
| durasi = {legal-number } |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |
| {legal-date} = \*range : 1-31 |
| {legal-month} = \*range : January - December |
| {legal-year} = [ 0-9 ] |

1. Tabel t\_job\_sheet\_application

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_job\_sheet\_application | int | 11 | *primary key* |  |
| id\_job\_sheet | int | 11 |  | *default* null |
| id\_student | int | 11 |  | *default* null |
| application\_file | varchar | 150 |  | *default* null |
| waktu\_daftar | datetime |  |  | *default* null |
| status | enum |  |  | *default* null, *check* (status = ‘1’ OR status = ‘0’) |
| comment | varchar | 100 |  | *default* null |

|  |  |
| --- | --- |
| **Name** | Data t\_job\_sheet\_application |
| **Where/How Used** |  |
| **Description** | Daftar student yang mendaftar dalam setiap job sheet |
| **Data Structure** | id\_job\_sheet\_application = {legal-number} |
| id\_job\_sheet = {legal-number} |
| id\_student = {legal-number} |
| application\_file = {legal-character} |
| waktu\_daftar = {legal-date} + {legal-month} + {legal-year} |
| status = [ 0 | 1 ] |
| comment = {legal-character } |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |
| {legal-date} = \*range : 1-31 |
| {legal-month} = \*range : January - December |
| {legal-year} = [ 0-9 ] |

1. Tabel t\_jurusan

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_jurusan | int | 11 | *primary key* |  |
| nama | varchar | 50 |  | *default* null |

|  |  |
| --- | --- |
| **Name** | Data t\_jurusan |
| **Where/How Used** |  |
| **Description** | Daftar jurusan |
| **Data Structure** | id\_jurusan = {legal-number} |
| nama = {legal-character} |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |

1. Tabel t\_kota

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_kota | int | 11 | *primary key* |  |
| id\_provinsi | int | 11 |  | not null |
| nama | varchar | 50 |  | not null |

|  |  |
| --- | --- |
| **Name** | Data t\_kota |
| **Where/How Used** |  |
| **Description** | Daftar kota |
| **Data Structure** | id\_jurusan = {legal-number} |
| id\_provinsi = {legal-number} |
| nama = {legal-character} |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |

1. Tabel t\_message

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_message | int | 11 | *primary key* |  |
| id\_user\_pengirim | int | 11 |  | *default* null |
| id\_user\_penerima | int | 11 |  | *default* null |
| head | varchar | 100 |  | *default* null |
| body | text |  |  |  |
| url | varchar | 100 |  | *default* null |
| tanggal | datetime |  |  | *default* null |
| status | enum |  |  | *default* null, *check* (status = ‘1’ OR status = ‘0’) |

|  |  |
| --- | --- |
| **Name** | Data t\_message |
| **Where/How Used** |  |
| **Description** | Daftar message |
| **Data Structure** | id\_message = {legal-number} |
| id\_user\_pengirim = {legal-number} |
| id\_user\_penerima = {legal-number} |
| head = {legal-character} |
| body = {legal-character} |
| url = {legal-character} |
| tanggal = {legal-date} + {legal-month} + {legal-year} |
| status = [ 0 | 1 ] |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |
| {legal-date} = \*range : 1-31 |
| {legal-month} = \*range : January - December |
| {legal-year} = [ 0-9 ] |

1. Tabel t\_notification

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_notification | int | 11 | *primary key* |  |
| id\_user | int | 11 |  | *default* null |
| head | varchar | 100 |  | *default* null |
| body | text |  |  |  |
| url | varchar | 100 |  | *default* null |
| tanggal | datetime |  |  | *default* null |
| status | enum |  |  | *default* null, *check* (status = ‘1’ OR status = ‘0’ OR status = ‘2’) |

|  |  |
| --- | --- |
| **Name** | Data t\_notification |
| **Where/How Used** |  |
| **Description** | Daftar notification |
| **Data Structure** | id\_notification = {legal-number} |
| id\_user = {legal-number} |
| head = {legal-character} |
| body = {legal-character} |
| url = {legal-character} |
| tanggal = {legal-date} + {legal-month} + {legal-year} |
| status = [ 0 | 1 ] |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |
| {legal-date} = \*range : 1-31 |
| {legal-month} = \*range : January - December |
| {legal-year} = [ 0-9 ] |

1. Tabel t\_penilaian

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_penilaian | int | 11 | *primary key* |  |
| id\_user | int | 11 |  | not null |
| disiplin | int | 11 |  | *default* null |
| tanggap | int | 11 |  | *default* null |
| cermat | int | 11 |  | *default* null |
| rajin | int | 11 |  | *default* null |
| komunikasi | int | 11 |  | *default* null |
| tanggal | datetime |  |  | *default* null |
| keterangan | varchar | 100 |  | *default* null |

|  |  |
| --- | --- |
| **Name** | Data t\_penilaian |
| **Where/How Used** |  |
| **Description** | Daftar penilaian tiap user |
| **Data Structure** | id\_penilaian = {legal-number} |
| id\_user = {legal-number} |
| disiplin = {legal-character} |
| tanggap = {legal-character} |
| cerdas = {legal-character} |
| rajin = {legal-character} |
| komunikasi = {legal-character} |
| tanggal = {legal-date} + {legal-month} + {legal-year} |
| keterangan = {legal-character} |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |
| {legal-date} = \*range : 1-31 |
| {legal-month} = \*range : January - December |
| {legal-year} = [ 0-9 ] |

1. Tabel t\_perusahaan

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_perusahaan | int | 11 | *primary key* |  |
| nama | varchar | 50 |  | not null |
| alamat | text |  |  | not null |
| id\_kota | int | 11 |  | *default* null |
| kode\_pos | int | 6 |  | not null |
| telepon | varchar | 13 |  | not null |
| id\_user | int | 11 |  | not null |
| website | varchar | 50 |  | *default* null |

|  |  |
| --- | --- |
| **Name** | Data t\_perusahaan |
| **Where/How Used** |  |
| **Description** | Daftar perusahaan |
| **Data Structure** | id\_perusahaan = {legal-number} |
| id\_user = {legal-number} |
| nama = {legal-character} |
| alamat = {legal-character} |
| id\_kota = {legal-number} |
| kode\_pos = {legal-number} |
| telepon = {legal-character} |
| website = {legal-character} |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |

1. Tabel t\_provinsi

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_provinsi | int | 11 | *primary key* |  |
| nama | varchar | 25 |  | *default* null |

|  |  |
| --- | --- |
| **Name** | Data t\_provinsi |
| **Where/How Used** |  |
| **Description** | Daftar provinsi |
| **Data Structure** | id\_provinsi = {legal-number} |
| nama = {legal-character} |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |

1. Tabel t\_student

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_student | int | 11 | *primary key* |  |
| id\_universitas | int | 11 |  | *default* null |
| nim | varchar | 12 |  | *default* null |
| id\_jurusan | int | 25 |  | *default* null |
| nama | varchar | 50 |  | *default* null |
| alamat | text |  |  |  |
| id\_kota | int | 11 |  | *default* null |
| kode\_pos | varchar | 6 |  | *default* null |
| telepon | varchar | 13 |  | *default* null |
| email | varchar | 50 |  | *default* null |
| id\_user | int | 11 |  | *default* null |

|  |  |
| --- | --- |
| **Name** | Data t\_student |
| **Where/How Used** |  |
| **Description** | Daftar student |
| **Data Structure** | id\_student = {legal-number} |
| id\_universitas = {legal-number} |
| nim = {legal-number} |
| id\_user = {legal-number} |
| nama = {legal-character} |
| alamat = {legal-character} |
| id\_kota = {legal-number} |
| kode\_pos = {legal-number} |
| telepon = {legal-character} |
| email = {legal-character} |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |

1. Tabel t\_student\_job\_list

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_student\_job\_list | int | 11 | *primary key* |  |
| id\_job\_list | int | 11 |  | *default* null |
| id\_student | int | 11 |  | *default* null |
| file\_user | varchar | 100 |  | *default* null |
| waktu\_upload\_file | datetime |  |  | *default* null |
| keterangan | varchar | 100 |  | *default* null |

|  |  |
| --- | --- |
| **Name** | Data t\_student\_job\_list |
| **Where/How Used** |  |
| **Description** | Daftar student yang telah memiliki job list |
| **Data Structure** | id\_student\_job\_list = {legal-number} |
| id\_job\_list = {legal-number} |
| id\_student = {legal-number} |
| file\_user = {legal-character} |
| waktu\_upload\_file = {legal-date} + {legal-month} + {legal-year} |
| keterangan = {legal-character } |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |
| {legal-date} = \*range : 1-31 |
| {legal-month} = \*range : January - December |
| {legal-year} = [ 0-9 ] |

1. Tabel t\_student\_job\_sheet

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_student\_job\_sheet | int | 11 | *primary key* |  |
| id\_job\_sheet | int | 11 |  | *default* null |
| id\_student | int | 11 |  | *default* null |
| waktu\_start | datetime |  |  | *default* null |
| waktu\_upload\_file | datetime |  |  | *default* null |
| status | enum |  |  | *default* null, *check* (status = ‘0’ OR status = ‘1’) |
| keterangan | varchar | 100 |  | *default* null |

|  |  |
| --- | --- |
| **Name** | Data t\_student\_job\_sheet |
| **Where/How Used** |  |
| **Description** | Daftar student yang telah memiliki job sheet |
| **Data Structure** | id\_student\_job\_sheet = {legal-number} |
| id\_job\_sheet = {legal-number} |
| id\_student = {legal-number} |
| waktu\_start = {legal-date} + {legal-month} + {legal-year} |
| waktu\_upload\_file = {legal-date} + {legal-month} + {legal-year} |
| status = { 0 | 1 } |
| keterangan = {legal-character } |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |
| {legal-date} = \*range : 1-31 |
| {legal-month} = \*range : January - December |
| {legal-year} = [ 0-9 ] |

1. Tabel t\_universitas

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_universitas | int | 11 | *primary key* |  |
| nama | varchar | 50 |  | *default* null |
| alamat | text |  |  |  |
| id\_kota | int | 11 |  | *default* null |
| kode\_pos | varchar | 6 |  | *default* null |
| telepon | varchar | 13 |  | *default* null |
| website | varchar | 50 |  | *default* null |

|  |  |
| --- | --- |
| **Name** | Data t\_universitas |
| **Where/How Used** |  |
| **Description** | Daftar universitas |
| **Data Structure** | id\_universitas = {legal-number} |
| nama = {legal-character} |
| alamat = {legal-character} |
| id\_kota = {legal-number} |
| kode\_pos = {legal-number} |
| telepon = {legal-character} |
| website = {legal-character} |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |

1. Tabel t\_user

| **Nama Field** | **Tipe Data** | **Panjang Data** | **Kunci** | **Keterangan** |
| --- | --- | --- | --- | --- |
| id\_user | int | 11 | *primary key* |  |
| email | varchar | 50 |  | not null, *unique* |
| password | varchar | 50 |  | not null |
| foto\_user | varchar | 150 |  | *default* null |
| status\_user | enum |  |  | *default* null, *check* (status = ‘COMPANY’ OR status = ‘ADMIN’ OR status = ‘STUDENT’) |
| tanggal\_masuk | datetime |  |  | *default* null |
| last\_login | datetime |  |  | *default* null |

|  |  |
| --- | --- |
| **Name** | Data t\_user |
| **Where/How Used** |  |
| **Description** | Daftar user |
| **Data Structure** | id\_user = {legal-number} |
| email = {legal-character} |
| password = {legal-character} |
| foto\_user = {legal-character} |
| status\_user = [ COMPANY | ADMIN | STUDENT ] |
| tanggal\_masuk = {legal-date} + {legal-month} + {legal-year} |
| last\_login = {legal-date} + {legal-month} + {legal-year} |
| **Explanation About Data Structure** | {legal-character} = [ A-Z | a-z | 0-9 | ‘ | - ] |
| {legal-number} = [ 0-9 ] |
| {legal-date} = \*range : 1-31 |
| {legal-month} = \*range : January - December |
| {legal-year} = [ 0-9 ] |

ID : RUCTA-01-01

Nama Use Case : Login

Primary Actor : Guest

Deskripsi : Sistem melakukan proses login

Pre-Kondisi : Belum login ke dalam sistem

**Keterangan**

1. Guest menginputkan email dan password, lalu menekan tombol login
2. Sistem menerima inputan, lalu melakukan verifikasi email dan password
3. Verfikasi sukses
4. Sistem akan mengirimkan pesan bahwa verifikasi sukses
5. Sistem akan menampilkan interface form menu utama



ID : RUCTA-01-02

Nama Use Case : Sign-Up

Primary Actor : Guest

Deskripsi : Sistem melakukan proses sign up

Pre-Kondisi : tidak punya account dalam sistem

**Keterangan**

1. Guest menginputkandata pada form signup, lalu menekan tombol daftar
2. Sistem menerima inputan, lalu melakukan verifikasi form signup
3. Verfikasi sukses
4. Sistem akan mengirimkan pesan bahwa verifikasi sukses
5. Sistem akan menampilkan interface form menu utama



ID : RUCTA-02-01

Nama Use Case : Tambah Job Sheet

Primary Actor : Company

Deskripsi : Sistem melakukan penambahan data job sheet

Pre-Kondisi : Siap melakukan tambah data job sheet

**Keterangan**

1. Company menginputkan data pada form tambah job sheet, lalu menekan tombol tambah
2. Sistem menerima inputan, lalu melakukan verifikasi data form job sheet
3. Verfikasi sukses
4. Sistem akan mengirimkan pesan bahwa verifikasi sukses
5. Sistem akan menampilkan interface form job sheet



ID : RUCTA-02-02

Nama Use Case : Ubah Job Sheet

Primary Actor : Company

Deskripsi : Sistem melakukan pengubahan data job sheet

Pre-Kondisi : memiliki data yang akan diubah

**Keterangan**

1. Company memilih job sheet yang akan diubah lalu menekan tombol ubah
2. Sistem menampilkan interface form ubah job sheet
3. Customer menginput data job sheet pada form ubah job sheet
4. Sistem menerima inputan, lalu melakukan verifikasi form job sheet
5. Verfikasi sukses
6. Sistem akan mengirimkan pesan bahwa verifikasi sukses
7. Sistem akan menampilkan interface form job sheet



ID : RUCTA-02-03

Nama Use Case : Tambah Job List

Primary Actor : Company

Deskripsi : Sistem melakukan penambahan data job list

Pre-Kondisi : siap melakukan tambah data job list dan berada di halaman job sheet

**Keterangan**

1. Company menginputkan data pada form tambah job list, lalu menekan tombol tambah
2. Sistem menerima inputan, lalu melakukan verifikasi data form job list
3. Verfikasi sukses
4. Sistem akan mengirimkan pesan bahwa verifikasi sukses
5. Sistem akan menampilkan interface form job list



ID : RUCTA-02-04

Nama Use Case : Ubah Job List

Primary Actor : Company

Deskripsi : Sistem melakukan pengubahan data job list

Pre-Kondisi : memiliki data yang akan diubah

**Keterangan**

1. Company memilih job list yang akan diubah lalu menekan tombol ubah
2. Sistem menampilkan interface form ubah job list
3. Customer menginput data job list pada form ubah job list
4. Sistem menerima inputan, lalu melakukan verifikasi form job list
5. Verfikasi sukses
6. Sistem akan mengirimkan pesan bahwa verifikasi sukses
7. Sistem akan menampilkan interface form job list



ID : RUCTA-03-01

Nama Use Case : Pilih Job List

Primary Actor : Student

Deskripsi : Sistem melakukan pemilihan yang melamar

Pre-Kondisi : berada pada form job list

**Keterangan**

1. Student memilih job list yang akan dipilih lalu menekan tombol pilih
2. Sistem menerima inputan, lalu melakukan verifikasi form job list
3. Verfikasi sukses
4. Sistem akan mengirimkan pesan bahwa verifikasi sukses

