Tables in IECCC web

1. tb\_Users

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD | TYPE | NULL? | CONSTRAINT |
| User\_ID | VARCHAR(25) | NOT NULL | PRIMARY KEY |
| User\_Name | VARCHAR(50) | NOT NULL |  |
| User\_Picture | VARCHAR(255) | NULL |  |
| User\_Info | VARCHAR(255) | NULL |  |
| User\_CreatedAt | DATE | NOT NULL |  |
| User\_UpdatedAt | TIMESTAMP | NULL |  |
| User\_DeletedAt | TIMESTAMP | NULL |  |

2. tb\_Posts

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD | TYPE | NULL? | CONSTRAINT |
| Post\_ID | VARCHAR (25) | NOT NULL | PRIMARY KEY |
| Post\_Ptyp\_ID | VARCHAR(25) | NOT NULL | FOREIGN KEY ke tb\_Post\_Types |
| Post\_Title | VARCHAR (255) | NOT NULL |  |
| Post\_Picture | VARCHAR(255) | NULL | PRIMARY KEY |
| Post\_Content | LONGTEXT | NOT NULL |  |
| Post\_ExpiredAt | DATE | NULL |  |
| Post\_CounterVote1 | INT | NOT NULL | DEFAULT : 0 |
| Post\_CounterVote2 | INT | NOT NULL | DEFAULT : 0 |
| Post\_CreatedAt | DATE | NOT NULL |  |
| Post\_UpdatedAt | TIMESTAMP | NULL |  |
| Post\_DeletedAt | TIMESTAMP | NULL |  |

3. tb\_Post\_Types

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD | TYPE | NULL? | CONSTRAINT |
| Ptyp\_ID | VARCHAR (25) | NOT NULL | PRIMARY KEY |
| Ptyp\_Category | VARCHAR(25) | NOT NULL |  |
| Ptyp\_Name | VARCHAR(255) | NOT NULL |  |
| Ptyp \_CreatedAt | DATE | NOT NULL |  |
| Ptyp \_UpdatedAt | TIMESTAMP | NULL |  |
| Ptyp \_DeletedAt | TIMESTAMP | NULL |  |

4. tb\_Comments

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD | TYPE | NULL? | CONSTRAINT |
| Comm \_ID | VARCHAR (25) | NOT NULL | PRIMARY KEY |
| Comm \_User\_ID | VARCHAR (25) | NOT NULL | Foreign Key ke tb\_Users |
| Comm \_Post\_ID | VARCHAR (25) | NOT NULL | Foreign Key ke tb\_Posts |
| Comm\_Content | LONGTEXT | NOT NULL |  |
| Comm\_CreatedAt | DATE | NOT NULL |  |
| Comm \_UpdatedAt | TIMESTAMP | NULL |  |
| Comm \_DeletedAt | TIMESTAMP | NULL |  |

5. tb\_Votes

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD | TYPE | NULL? | CONSTRAINT |
| Vote\_ID | VARCHAR (25) | NOT NULL | PRIMARY KEY |
| Vote\_User\_ID | VARCHAR (25) | NOT NULL | Foreign Key ke tb\_Users |
| Vote\_Post\_ID | VARCHAR (25) | NOT NULL | Foreign Key ke tb\_Posts |
| Vote\_Type | INT | NOT NULL |  |
| Vote\_CreatedAt | DATE | NOT NULL |  |
| Vote \_UpdatedAt | TIMESTAMP | NULL |  |
| Vote \_DeletedAt | TIMESTAMP | NULL |  |

Notes:

* Post adalah thread yang dibuat oleh user.
* Tiap post punya tipe post, contoh tipe post: Kategori “Umum” Nama “Umum”, Kategori “Angkatan” Nama “2008”, Kategori “Angkatan” Nama “2009”, Kategori “Mata Kuliah” Nama “Sistem Operasi Kelas A”, Kategori “Mata Kuliah” Nama “Bahasa Rakitan”.
* Vote menunjukkan ketertarikan user terhadap sebuah post (sama kyk “like” di facebook). Untuk sementara tipe vote ada 2, “red” dan “yellow”.
* Tiap table punya kolom “CreatedAt” menunjukkan waktu tupel dibuat, “UpdatedAt” menunjukkan waktu tupel dirubah, dan “DeletedAt” menunjukkan waktu tupel dihapus (hapus lojikal bukan fisik).