

DATABASE

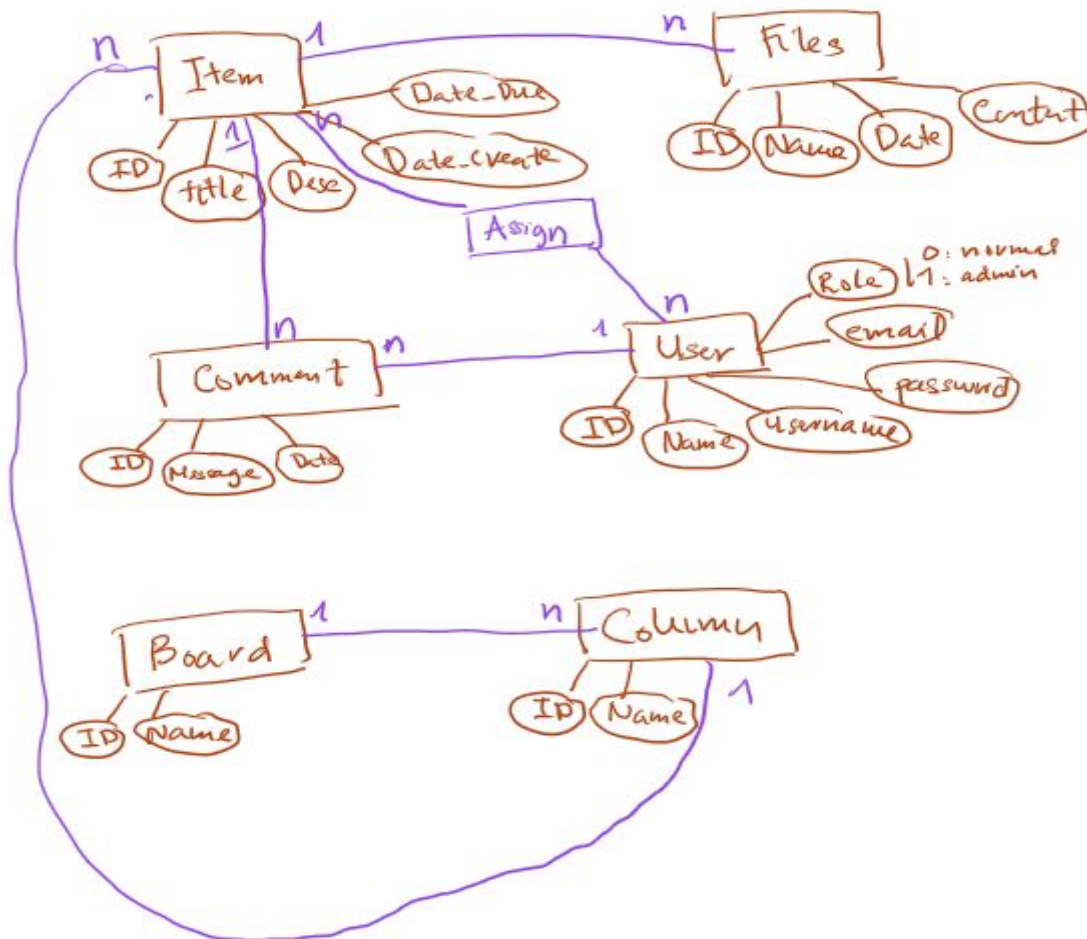
1. Relational

1

2. No relational

3

1. Relational



User :

- id : number, auto_increase
- first_name : string
- last_name : string
- username : string

- email : *string*
- password : *string*
- image_url: *string*
- rôle : *Number*

Board :

- id : number
- name : string
- column : <Column> list

Column :

- id : number
- name : string
- items : <Items> list

Item :

- id : number
- title : string
- description : string
- column : <Column>
- date_create : date
- date_due : date
- member_assigns : <Assign> list
- files : <File> list
- comment : <Comment> list

File :

- id: number
- content : string
- name : string
- date_added : date
- removed : bool

Comment :

- id: number
- message : string
- date_added : date
- user_id : <User>
- notified : <User>
- removed : bool

Assign :

- id: number
- id_user : <User>
- id_item : <Item>

2. No relational

Collection users :

```
{
  _id : USER_ID,
  first_name : String,
  last_name : String,
  username : String,
  password : String,
  email : String,
  image_url : String,
  rôle : Number
  assigns : [ASSIGN1 , ASSIGN2 ....],
  comments : [COMMENT1, COMMENT2 ....]
}
```

Collection Board :

```
{
  _id : BOARD_ID,
  name : String,
  columns : [COLUMN1, COLUMN2, ...]
}
```

Collection Column :

```
{
  _id : COLUMN_ID,
  name: String,
  items : [ITEM1, ITEM2, ...]
}
```

Collection Item :

```
{
  _id : ITEM_ID,
  title : String,
  description : String,
  date_create : DATE_TIME,
  date_due : DATE_TIME,
  created : USER_ID,
  column : COLUMN_ID,
  assigns : [ASSIGN1, ASSIGN2 ....]
  files : [FILE1,FILE2,...]
}
```

Collection File :

```
{
  _id : FILE_ID,
  content : String,
  name : String,
  date_added : DATE_TIME
}
```

Collection Assign :

```
{
  _id : ASSIGN_ID,
  user : USER_ID,
  item : ITEM_ID,
}
```

Collection Comment :

```
{
  _id : COMMENT_ID,
  message : String,
  date_added : DATE_TIME,
  user_creator : USER_ID
  item_link : ITEM_ID
}
```