Tables :

Employee -

employee\_id : varchar primary key

f\_name : varchar

l\_name : varchar

email : varchar

position : varchar

dept\_id : varchar foreign key with reference to department\_id on department table

employee\_role : varchar

This table is used to store employee details.

Resource -

resource\_id : varchar primary key

title : varchar

description : varchar

type\_id : varchar foreign key with reference to type\_id on type table

upload\_date : date

uploaded\_by : varchar foreign key with reference to employee\_id on employee table

file\_size : varchar

This table stores the details of the content that are created by employees in the platform.

Interaction -

Interaction\_id : varchar primary key

employee\_*id : varchar foreign key with reference to employee\_*id on employee table

resource\_id : varchar foreign key with reference to resource\_id on resource table

interaction\_date : date

Interaction\_type : varchar

This table stores the details of the interaction of the users on a content posted by employees.

Approval:

Approval\_id : varchar primary key

resource\_id : varchar foreign key with reference to resource\_id on resource table.

admin\_id: varchar foreign key with reference to employee\_id on employee table.

approval\_status : varchar

approval\_date : date

This table stores the data whether the content uploaded by the employees are approved or not.

Department :

department\_id : varchar primary key

department\_name : varchar

This table stores the details of the different departments which are inside the organization on the basis of which the employees are divided.

Permissions:

permission\_id : varchar primary key

permission\_type : varchar

employee\_id : varchar foreign key refers to employee\_id on employee table

resource\_id : varchar foreign key refers to resource\_id on resource table

can\_delete : boolean

can\_edit : boolean

can\_view : boolean

This table is used to assign which users have access to different resources for different operations.

Resource type:

type\_id : varchar primary key

type\_name : varchar

This table is used to store different categories of the resources that can be uploaded by the employees.