

UST TASK MANAGER PHASE-2

Tables:

User Table:

The screenshot shows the MySQL Workbench interface. On the left, the Schemas tree shows the 'ust_task_manager' schema with its tables: 'employees', 'tasks', and 'users'. The 'users' table is selected. The main pane displays a result grid for the query 'SELECT * FROM ust_task_manager.users;'. The grid has columns 'id', 'username', and 'password'. It contains three rows: the first row has id=1, username='rahu', and password='password123'; the second row has id=2, username='rohan', and password='password121'; and a header row with all values set to 'NULL'.

Task Table:

The screenshot shows the MySQL Workbench interface. On the left, the Schemas tree shows the 'ust_task_manager' schema with its tables: 'employees', 'tasks', and 'users'. The 'tasks' table is selected. The main pane displays a result grid for the query 'SELECT * FROM ust_task_manager.tasks;'. The grid has columns 'id', 'title', 'description', 'completed', and 'user_id'. It contains two rows: the first row has id=1, title='project', description='Folder structure', completed=0, and user_id=1; the second row has id=2, title='Frontend', description='using react', completed=0, and user_id=2; and a header row with all values set to 'NULL'.

Crud operations in Fast API:

The screenshot shows the Fast API documentation for a POST request to '/users'. The 'Parameters' section indicates 'No parameters'. The 'Request body' section is marked as 'required' and contains a JSON schema: { "username": "rahu", "password": "password123" }.

200

Response body

```
{ "access_token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJyYihi1bCIiTiM4C16HTc2NTH5HDEoX30.QdFtZgalgVg00Gt4CmR11IKX_8dYsqfstywIyVnnLTs", "token_type": "bearer" }
```

Download

Response headers

PUT /tasks/{task_id} Update Task Endpoint

Parameters

Cancel

| Name | Description |
|--------------------|-------------------|
| task_id * required | integer (path) |

Request body required

Edit Value | Schema

```
{ "title": "project", "description": "folder structure", "completed": true }
```

DELETE /tasks/{task_id} Delete Task Endpoint

Parameters

Cancel

| Name | Description |
|--------------------|-------------------|
| task_id * required | integer (path) |

Execute Clear

Responses

User_Activity_logs in mongodb:

The screenshot shows the MongoDB Compass interface. The top navigation bar includes 'Documents (6)', 'Aggregations', 'Schema', 'Indexes (1)', 'Validation', and a 'Find' button. A 'Documents' tab is selected. On the left, a sidebar titled 'CONNECTIONS (3)' lists databases: 'cluster0.i0ih74y.mongodb.net', 'clusterfastapi.lyrq0ell.mongodb.net', and 'ust'. Under 'ust', it shows collections: 'admin', 'config', 'local', 'ust_mongo_db', 'ust_task_manager_logs', and 'activity'. The 'activity' collection is currently selected. The main panel displays three documents from the 'activity' collection:

```
_id: ObjectId('69391fedc6aecfe2d2651851')
username : "rahul"
action : "CREATE"
task_id : 1
timestamp : 2025-12-10T07:23:25.100+00:00
```

```
_id: ObjectId('69392007c6aecfe2d2651852')
username : "rahul"
action : "UPDATE"
task_id : 1
timestamp : 2025-12-10T07:23:51.175+00:00
```

```
_id: ObjectId('6939408a3bace0c8db65bd8a')
username : "rohan"
action : "CREATE"
task_id : 2
timestamp : 2025-12-10T09:42:34.391+00:00
```

Below the documents, there is another search bar and a list of three more documents, identical to the ones above.