

ASSIGNMENT 7

Add user to the database:

The image shows the Postman application interface. The top bar includes tabs for Runner, Import, Builder, and Team Library. The left sidebar shows the History and Collections panels. The main workspace is set to the Builder tab, showing a POST request to `http://localhost:8080/CRUDmongo/rest/user/createUser`. The request body is a JSON object: `{ "name": "sharath", "email": "sharath@gmail.com", "password": "vontari" }`. The response is displayed in the bottom panel, showing a status of 200 OK and a time of 1258 ms. The response body is a JSON object: `{ "id": "56dfac6ee4b04f110bf5cdc1", "name": "sharath", "email": "sharath@gmail.com", "password": "vontari" }`.

The image shows the MongoDB Compass application interface. The top bar includes tabs for Start, Lab4, smt, Fwd, local, m x, G post, Post, Chro, Post, G team, Team, G how, Help, CS5, Than, kart. The main workspace is set to the Documents tab, showing a collection of documents. The documents are displayed in a table view, with columns for _id, \$oid, name, password, and email. The documents are:

- `{ "_id": { "$oid": "56dfac6ee4b04f110bf5cdc1" }, "name": "karthik", "password": "12345", "email": "kp3k9@mail.umkc.edu" }`
- `{ "_id": { "$oid": "56e0efa6e0cd302404b86b6f" }, "name": "ponnuru", "email": "abc@gmail.com", "password": "naistam" }`
- `{ "_id": { "$oid": "56e113e9e0cd301b78bb8837" }, "name": "sharath", "email": "sharath@gmail.com", "password": "vontari" }`

The interface also includes a search bar, a display mode selector (list/table), and a records per page selector (10). A tooltip on the right side of the interface provides information about MongoDB queries and document management.

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GET operation:

The screenshot displays the Postman application interface. At the top, the 'Builder' tab is active, showing the URL `http://localhost:8080/CRUDmongo/rest/user/username/ponnurur`. The request method is set to 'GET'. The 'Authorization' tab is selected, showing 'No Auth'. The 'Body' tab is also visible, showing a JSON response. The status bar indicates 'Status: 200 OK' and 'Time: 1239 ms'.

Request Details:

- Method: GET
- URL: `http://localhost:8080/CRUDmongo/rest/user/username/ponnurur`
- Authorization: No Auth

Response Details:

- Status: 200 OK
- Time: 1239 ms
- Body (JSON):

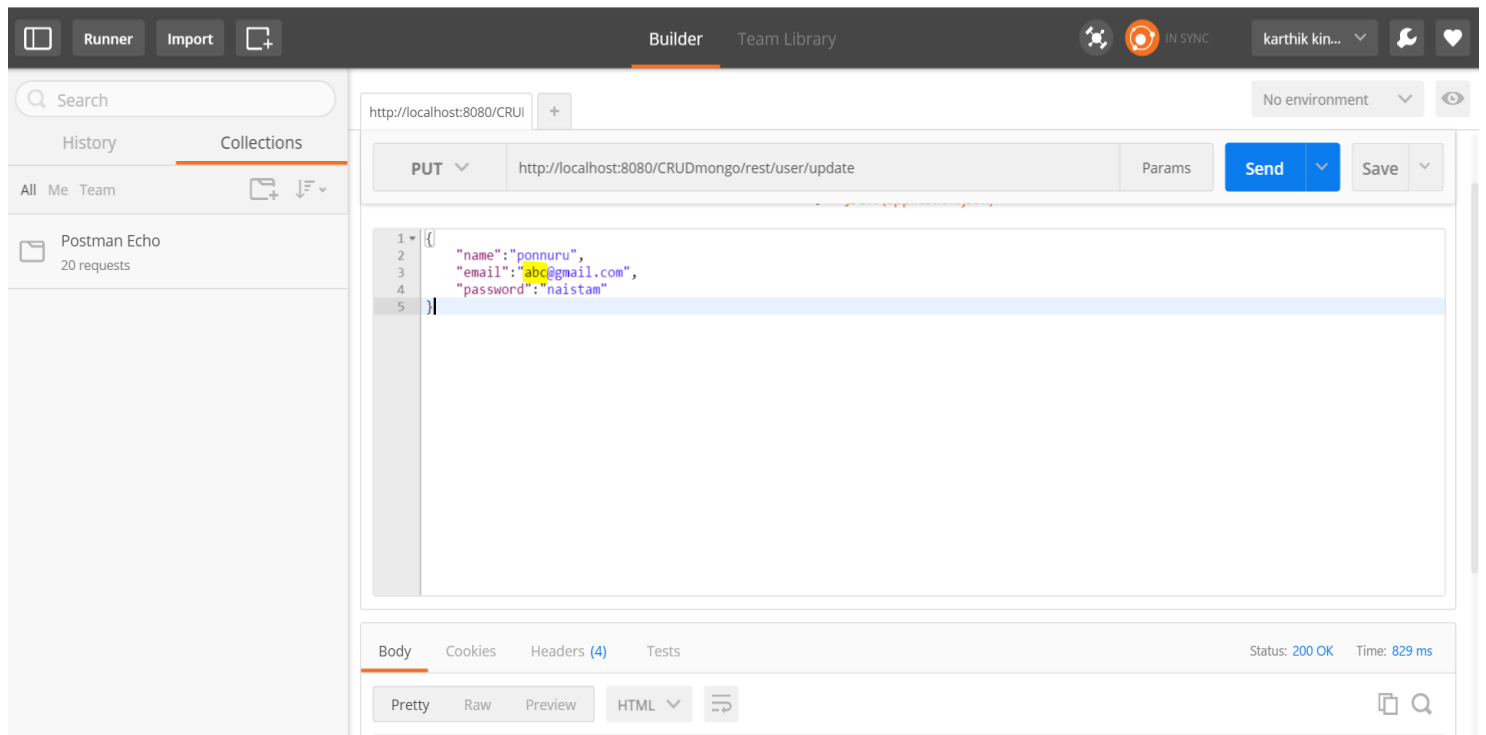
```
[
  {
    "_id": {
      "$oid": "56e0efa6e0cd302404b86b6f"
    },
    "name": "ponnurur",
    "email": "abc@gmail.com",
    "password": "naistam"
  }
]
```

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Before Update:



Update Query:



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After Update:

The screenshot shows the mLab MongoDB web interface. The browser address bar displays the URL `https://mlab.com/databases/practise/collections/collection1`. The page title is "Documents". At the top, there are buttons for "Delete all documents in collection" and "Add document". Below the title, there is a search bar with the text "Start new search". The main section is titled "All Documents". It shows the display mode as "list" and a table view link. The records per page are set to 10. The first document is:

```
{
  "_id": {
    "$oid": "56dfac6ee4b04f110bf5cdc1"
  },
  "name": "karthik",
  "password": "12345",
  "email": "kp3k9@mail.umkc.edu"
}
```

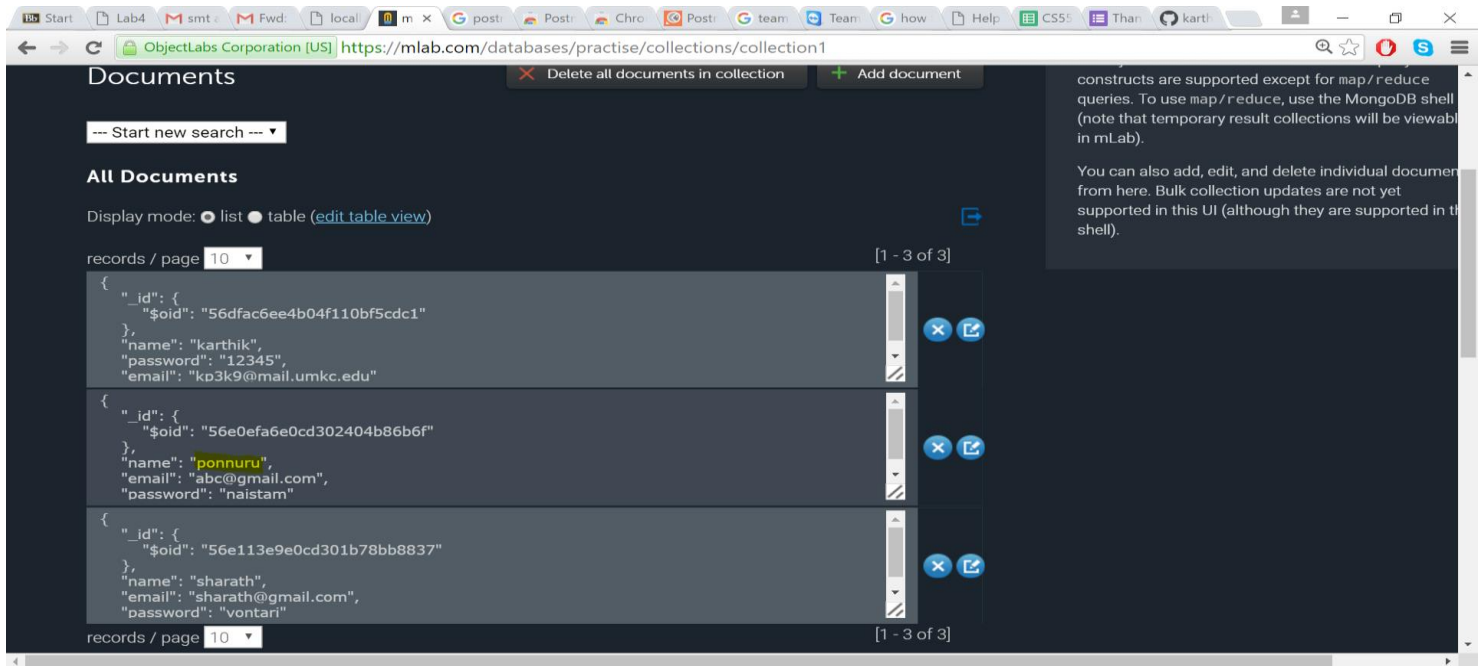
The second document is:

```
{
  "_id": {
    "$oid": "56e0efa6e0cd302404b86b6f"
  },
  "name": "ponnuru",
  "email": "abc@gmail.com",
  "password": "naistam"
}
```

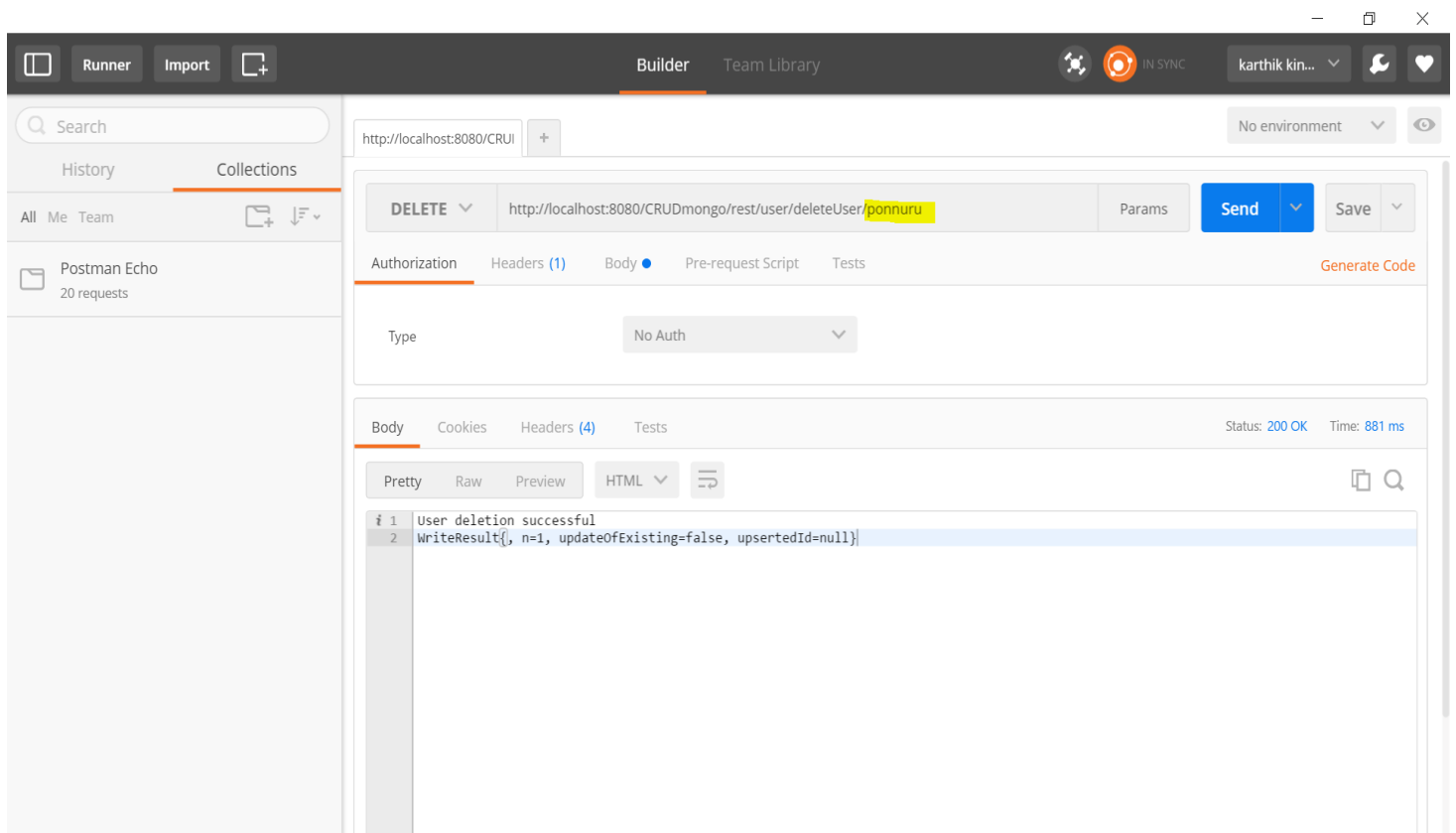
Each document has a vertical scrollbar and a blue 'x' icon for deletion. The page footer shows "records / page 10" and "[1 - 2 of 2]".

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Before Delete:



Delete Query:



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After Delete:

The screenshot shows the mLab MongoDB web interface. The browser address bar displays the URL: `https://mlab.com/databases/practise/collections/collection1`. The page title is "Documents". At the top, there are buttons for "Delete all documents in collection" (with a red X icon) and "Add document" (with a green plus icon). Below the title, there is a search bar with the placeholder text "Start new search". The section "All Documents" is visible, with a "Display mode" selector set to "list" (radio button selected) and a link to "edit table view". The "records / page" is set to 10, and the pagination shows "[1 - 2 of 2]". Two documents are listed:

```
{
  "_id": {
    "$oid": "56dfac6ee4b04f110bf5cdc1"
  },
  "name": "karthik",
  "password": "12345",
  "email": "kp3k9@mail.umkc.edu"
}
```

```
{
  "_id": {
    "$oid": "56e113e9e0cd301b78bb8837"
  },
  "name": "sharath",
  "email": "sharath@gmail.com",
  "password": "vontari"
}
```

Each document has a vertical scrollbar on its right side and two circular icons (a blue 'x' for delete and a blue document icon for edit) to its right. The pagination at the bottom also shows "records / page 10" and "[1 - 2 of 2]". On the right side of the interface, there is a sidebar with text explaining that certain MongoDB constructs are not supported in the UI and that bulk updates are not supported.