

Server Running:

```
Node.js v20.17.0
PS C:\Users\ritwi\OneDrive\Desktop\Coding Projects\soft_eng\hw5> node database_server.js
Server running on http://localhost:3000
```

Displaying All Users:

```
PS C:\Users\ritwi> curl http://localhost:3000/users

StatusDescription : OK
Content           : [{"id":1,"name":"Alice","email":"alice@example.com","age":25},{"id":2,"name":"Bob","email":"bob@example.com","age":30}]
RawContent        : HTTP/1.1 200 OK
                   Connection: keep-alive
                   Keep-Alive: timeout=5
                   Content-Length: 119
                   Content-Type: application/json; charset=utf-8
                   Date: Thu, 21 Nov 2024 15:49:39 GMT
                   ETag: W/"77-cs2v1FNIJ4GuXs+RR/0..."
Forms             : {}
Headers           : {[Connection, keep-alive], [Keep-Alive, timeout=5], [Content-Length, 119], [Content-Type, application/json; charset=utf-8]...}
Images            : {}
InputFields       : {}
Links             : {}
ParsedHtml        : mshtml.HTMLDocumentClass
RawContentLength  : 119
```

Displaying Only One User:

```
PS C:\Users\ritwi> curl http://localhost:3000/users/1

StatusCode        : 200
StatusDescription  : OK
Content           : {"id":1,"name":"Alice","email":"alice@example.com","age":25}
RawContent        : HTTP/1.1 200 OK
                   Connection: keep-alive
                   Keep-Alive: timeout=5
                   Content-Length: 60
                   Content-Type: application/json; charset=utf-8
                   Date: Thu, 21 Nov 2024 15:49:52 GMT
                   ETag: W/"3c-GxIeDEtLnE4JuUxHndA..."
Forms             : {}
Headers           : {[Connection, keep-alive], [Keep-Alive, timeout=5], [Content-Length, 60], [Content-Type, application/json; charset=utf-8]...}
Images            : {}
InputFields       : {}
Links             : {}
ParsedHtml        : mshtml.HTMLDocumentClass
RawContentLength  : 60
```

Creating a New User:

```
PS C:\Users\ritwi> Invoke-WebRequest -Uri http://localhost:3000/users -Method POST -Headers @{"Content-Type":"application/json"} -Body '{"name":"Charlie","email":"charlie@example.com","age":28}'

StatusCode        : 201
StatusDescription  : Created
Content           : {"id":3}
RawContent        : HTTP/1.1 201 Created
                   Connection: keep-alive
                   Keep-Alive: timeout=5
                   Content-Length: 8
                   Content-Type: application/json; charset=utf-8
                   Date: Thu, 21 Nov 2024 15:50:46 GMT
                   ETag: W/"8-0rVkJkPUSjKXvAXSn0i..."
Forms             : {}
Headers           : {[Connection, keep-alive], [Keep-Alive, timeout=5], [Content-Length, 8], [Content-Type, application/json; charset=utf-8]...}
Images            : {}
InputFields       : {}
Links             : {}
ParsedHtml        : mshtml.HTMLDocumentClass
RawContentLength  : 8
```

Updating a User:

```
PS C:\Users\ritwi> Invoke-WebRequest -Uri http://localhost:3000/users/1 -Method PUT -Headers @{"Content-Type":"application/json"} -Body '{"name":"Alice Updated","email":"alice_updated@example.com","age":26}'

StatusCode      : 200
StatusDescription : OK
Content         : {"message":"User updated successfully"}
RawContent      : HTTP/1.1 200 OK
                  Connection: keep-alive
                  Keep-Alive: timeout=5
                  Content-Length: 39
                  Content-Type: application/json; charset=utf-8
                  Date: Thu, 21 Nov 2024 15:52:58 GMT
                  ETag: W/"27-dfFyQgR3GE+Pkj6o/3Tr...
Forms           : {}
Headers        : {[Connection, keep-alive], [Keep-Alive, timeout=5], [Content-Length, 39], [Content-Type, application/json; charset=utf-8]...}
Images         : {}
InputFields    : {}
Links          : {}
ParsedHtml     : mshtml.HTMLDocumentClass
RawContentLength : 39
```

Deleting a User:

```
PS C:\Users\ritwi> Invoke-WebRequest -Uri http://localhost:3000/users/1 -Method DELETE

StatusCode      : 200
StatusDescription : OK
Content         : {"message":"User deleted successfully"}
RawContent      : HTTP/1.1 200 OK
                  Connection: keep-alive
                  Keep-Alive: timeout=5
                  Content-Length: 39
                  Content-Type: application/json; charset=utf-8
                  Date: Thu, 21 Nov 2024 15:53:06 GMT
                  ETag: W/"27-27o4zzUjhHNmthTJyia4...
Forms           : {}
Headers        : {[Connection, keep-alive], [Keep-Alive, timeout=5], [Content-Length, 39], [Content-Type, application/json; charset=utf-8]...}
Images         : {}
InputFields    : {}
Links          : {}
ParsedHtml     : mshtml.HTMLDocumentClass
RawContentLength : 39
```

Jasmine Test Cases Success:

```
PS C:\Users\ritwi\OneDrive\Desktop\Coding Projects\soft_eng\hw5> npx jasmine
Started
Started
.....

9 specs, 0 failures
Finished in 0.196 seconds
```