

Answer 1

Test ID	Test Case	Pre-condition	Test Steps	Test Data	Post-condition	Expected Result	Actual Result	Status
TC_1	Check elevator should reach first floor	User in the elevator	User presses the button, identifying the destination floor user wishes to reach	Elevator goes up and down from basement/ground floor to 13th floor and stops at first floor.	Elevator has arrived at the destination floor selected by the user	User will reach the desired floor	User reaches the desired floor	Pass
TC_2	Check elevator should reach second floor	User in the elevator	User presses the button, identifying the destination floor user wishes to reach	Elevator goes up and down from basement/ground floor to 13th floor and stops at second floor	Elevator has arrived at the destination floor selected by the user	User will reach the desired floor	User reaches the desired floor	Pass
TC_3	Check elevator should reach third floor	User in the elevator	User presses the button, identifying the destination floor user wishes to reach	Elevator goes up from 3rd floor to 5th floor and does not stop at 4th floor.	Elevator has arrived at the destination floor selected by the user	User will reach the swimming pool	User reaches the swimming pool	Pass
TC_4	Check elevator should reach fourth floor	User in the elevator	User presses the button, identifying the destination floor user wishes to reach	Elevator should go up and down from basement/ground floor to 13th floor and stops at fourth floor.	Elevator has arrived at the destination floor selected by the user	User will reach the desired floor	User reaches the desired floor	Pass

TC_5	Check elevator should reach fifth floor	User from the third floor and is in the elevator	User presses the button, identifying the destination floor user wishes to reach	Elevator goes up and down from basement/ground floor to 13th floor and stops at fifth floor.	Elevator has arrived at the destination floor selected by the user	User will reach the changing rooms	User reaches the changing rooms	Pass
TC_6	Check elevator should reach sixth floor	User in the elevator	User presses the button, identifying the destination floor user wishes to reach	Elevator goes up and down from basement/ground floor to 13th floor and stops at sixth floor.	Elevator has arrived at the destination floor selected by the user	User will reach the desired floor	User reaches the desired floor	Pass
TC_7	Check elevator should reach seventh floor	User in the elevator and has staff key access, highest authority	User presses the button, identifying the destination floor user wishes to reach	Elevator goes up and down from basement/ground floor to 13th floor and stops at seventh floor.	Elevator has arrived at the destination floor selected by the user	User will reach the server and admin floor	User reaches the server and admin floor	Pass
TC_8	Check elevator should reach eighth floor	User in the elevator	User presses the button, identifying the destination floor user wishes to reach	Elevator goes up and down from basement/ground floor to 13th floor and stops at eighth floor.	Elevator has arrived at the destination floor selected by the user	User will reach the desired floor	User reaches the desired floor	Pass

TC_9	Check elevator should reach ninth floor	User in the elevator	User presses the button, identifying the destination floor user wishes to reach	Elevator goes up and down from basement/ground floor to 13th floor and stops at ninth floor.	Elevator has arrived at the destination floor selected by the user	User will reach the desired floor	User reaches the desired floor	Pass
TC_10	Check elevator should reach tenth floor	User in the elevator and should have private key access	User presses the button, identifying the destination floor user wishes to reach	Elevator goes up and down from basement/ground floor to 13th floor and stops at tenth floor.	Elevator has arrived at the destination floor selected by the user	User with access to private key will reach the desired private floor	User reaches the desired floor	Pass
TC_11	Check elevator should reach eleventh floor	User in the elevator and should have private key access	User presses the button, identifying the destination floor user wishes to reach	Elevator goes up and down from basement/ground floor to 13th floor and stops at eleventh floor.	Elevator has arrived at the destination floor selected by the user	User with access to private key will reach the desired private floor	User reaches the desired floor	Pass
TC_12	Check elevator should reach twelfth floor	User in the elevator and should have private key access	User presses the button, identifying the destination floor user wishes to reach	Elevator goes up and down from basement/ground floor to 13th floor and stops at twelfth floor.	Elevator has arrived at the destination floor selected by the user	User with access to private key will reach the desired private floor	User reaches the desired floor	Pass

TC_13	Check elevator should reach thirteen th floor	User in the elevator and should have private key access	User presses the button, identifyin g the destinati on floor user wishes to reach	Elevator goes up and down from basement/grou nd floor to 13th floor and stops at thirteenth floor.	Elevator has arrived at the destinati on floor selected by the user	User with access to private key will reach the desired private floor	User reaches the desired floor	Pass
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There can be negative cases also due to power failure or due to technical glitch like elevator not stopping at a particular floor.

Answer2

GET Request

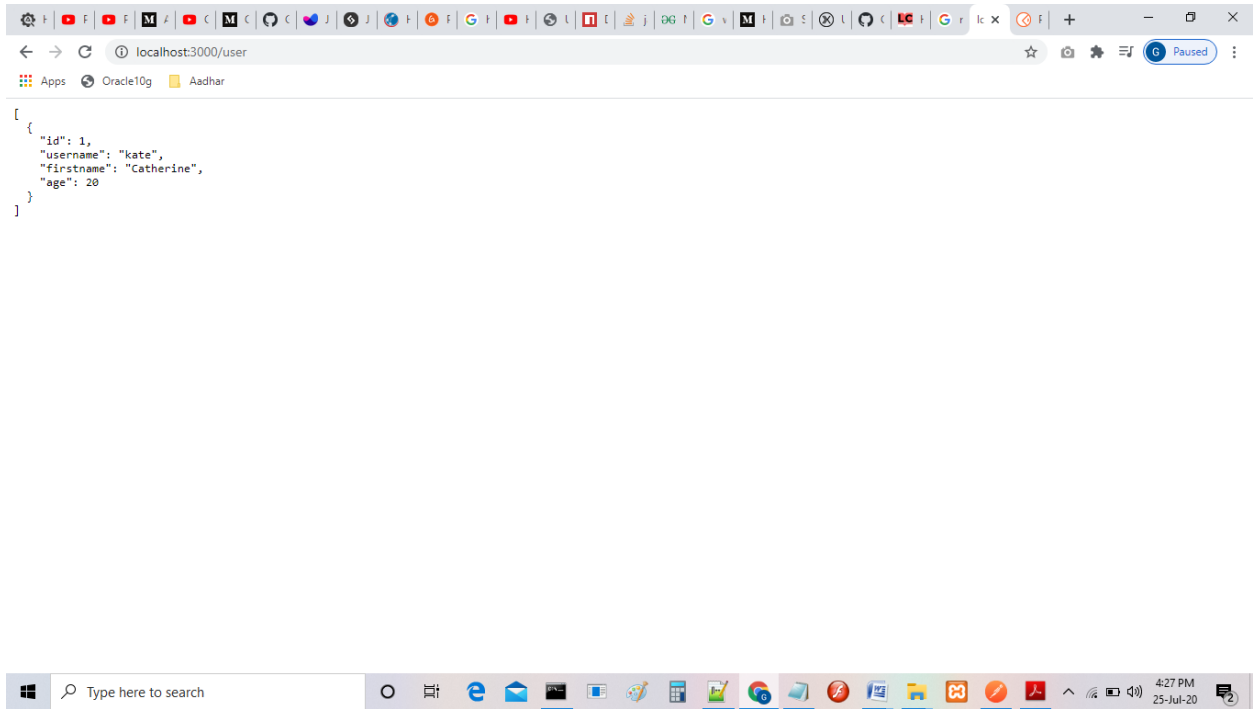
The screenshot shows the Postman application interface. On the left, the 'History' tab is active, displaying a list of recent requests. The main panel shows an 'Untitled Request' for a GET method to the URL 'http://localhost:3000/user'. The 'Body' tab is selected, showing a JSON response in 'Pretty' format. The response status is '200 OK' with a time of '836 ms' and a size of '464 B'. The JSON body contains user information: { "id": 1, "username": "kate", "firstname": "Catherine", "age": 20 }.

KEY	VALUE	DESCRIPTION
Key	Value	Description

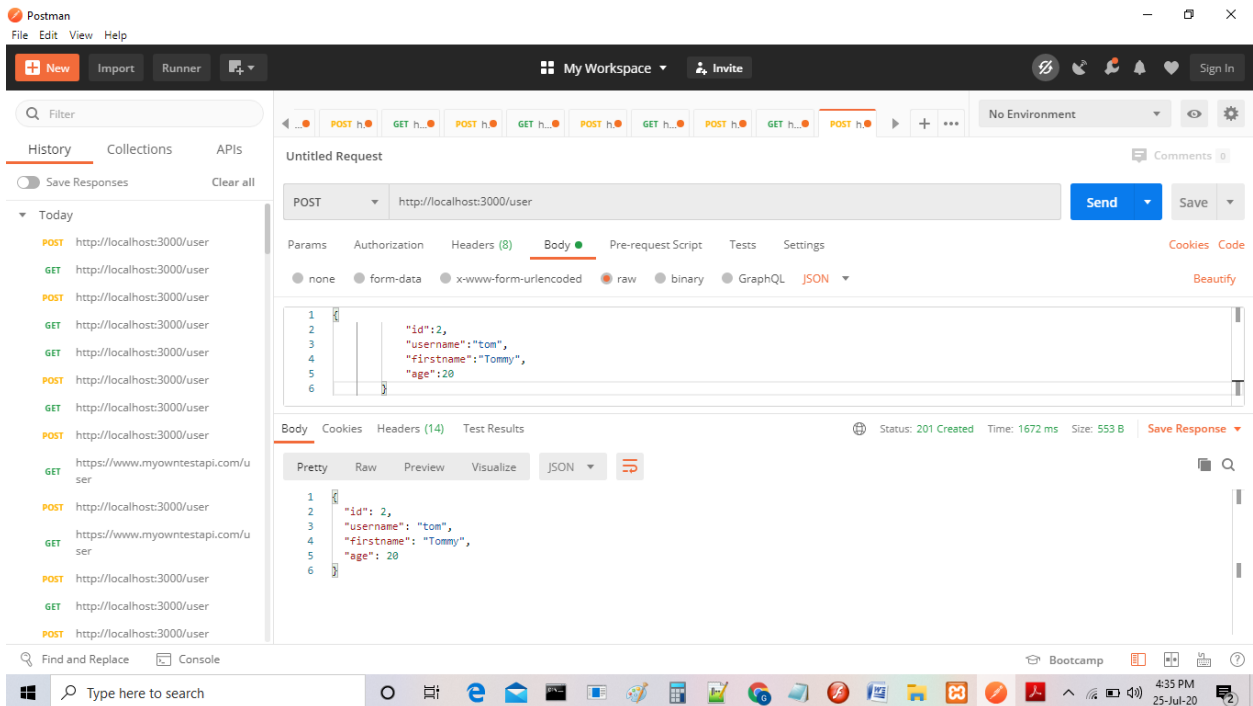
```

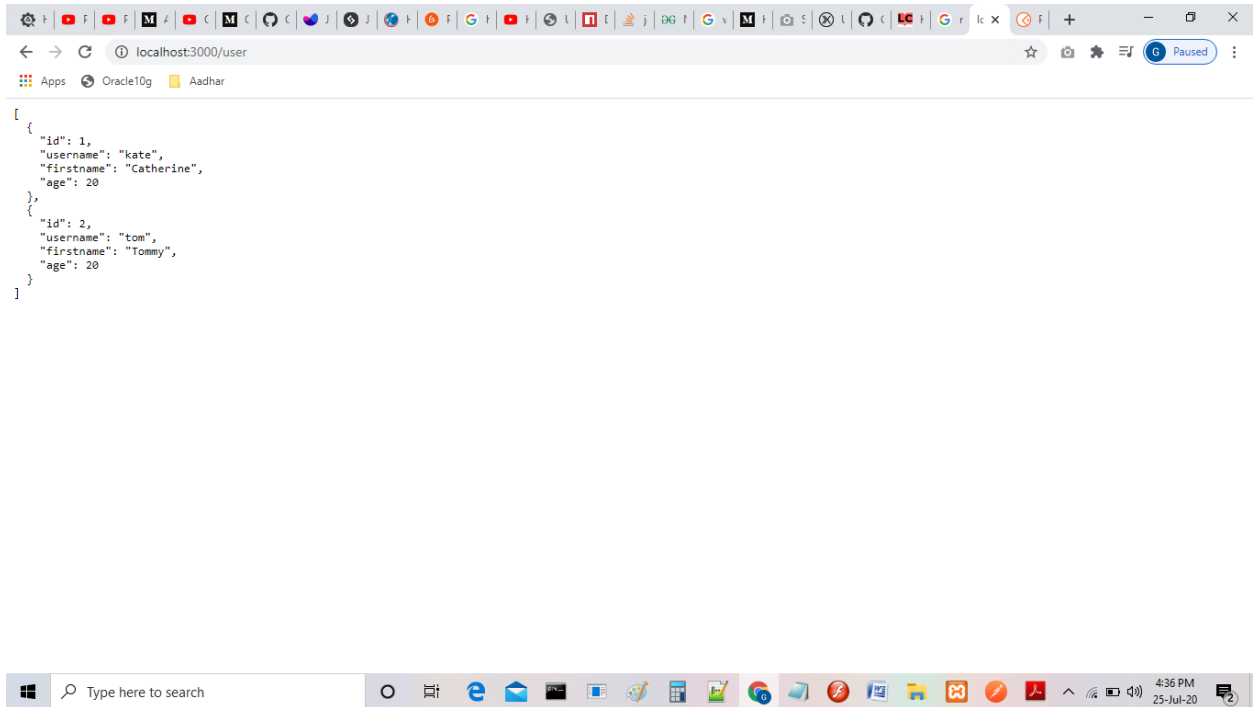
1 {
2   {
3     "id": 1,
4     "username": "kate",
5     "firstname": "Catherine",
6     "age": 20
7   }
8 }

```



POST Request





Collection

