**CarScan Documentation**

Please replace credentials in the application, with your MySQL credentials:

Change DB username & password to your MySQL DB username & password at below path:

**Path**: CarScan\_Home\_Assignment/src/main/resources/application.properties

* spring.datasource.username=yourMySQLUsername
* spring.datasource.password=yourMySQLPassword

**Visual reprsentation of APIs:** <http://localhost:8085/swagger-ui/index.html>

**JSON reprsentation of APIs:** <http://localhost:8085/v3/api-docs>

**FAQ**

**Ques1:** Get the list of all users?

GET Mapping

**API:**  http://localhost:8085/get-all-users

**UseCase:** To get a list of carscan users

**Output:** [

{

"mobileNumber": "7688398743",

"fname": "OBINS",

"lname": "CHOUDHARY",

"dob": "12-02-1988",

"city": "Johannesburg"

},

{

"mobileNumber": "7745398741",

"fname": "PAYAL",

"lname": "GUPTA",

"dob": "29-12-1995",

"city": "Johannesburg"

},

{

"mobileNumber": "8997398742",

"fname": "CHANDER",

"lname": "PRAKASH",

"dob": "05-02-2001",

"city": "Johannesburg"

},

{

"mobileNumber": "9654398744",

"fname": "Anmol",

"lname": "Chhabra",

"dob": "19-05-1998",

"city": "Panipat"

},

{

"mobileNumber": "9822398740",

"fname": "AVADHUT",

"lname": "JOSHI",

"dob": "19-02-1990",

"city": "Mumbai"

}

]

**Ques2:** Create a user?

POST Mapping

**API:** http://localhost:8085/save-user

Input:

{

"fname": "Virat",

"lname": "Kohli",

"dob": "05-11-1988",

"city": "Mumbai",

"mobileNumber": "9888363143"

}

**Output:**

Case 1: If the user doesn’t exist in DB.

Virat data saved successfully.

Case 2: If the user exists in DB.

Virat data already exists.

**Ques3:** How to update a user?

PUT Mapping

**API:** http://localhost:8085/update-user

**Input:**

{

"fname": "Captain",

"lname": "Kohli",

"dob": "05-11-1988",

"city": "Delhi",

"mobileNumber": "9888363143"

}

**Output:**

Case 1: If the user exists in DB.

Output - FirstName(example- Captain) data updated successfully.

Case 2: If the user doesn't exist in DB.

Output - No such user exists.

**Ques4:** How to delete a user?

DELETE Mapping

**API:** http://localhost:8085/delete-user/giveMobileNumberOfUserWhichYouWantedToDelete

example- http://localhost:8085/delete-user/9888363143

**Output**:

Case 1: If the user exists in DB.

Output - FirstName(example- Captain) user data deleted successfully.

Case 2: If the user doesn't exist in DB.

Output - No such user exists.