MINI-PROJECT BACKEND API DOCUMENTATION

1. <https://localhost:3000/register>
   1. Type: POST
   2. Purpose: Register a customer or service engineer
   3. Expected Value: JSON
   4. Eg:

{

    "email": "admin@admin.com",

    "password": "abcd@1234",

    "type": "3" // if customer 1 else if service engineer 2, if admin then 3

}

* 1. Response:
     1. If success:
        1. Status Code: 200
        2. Response:

{

    "msg": "Created user successfully",

    "token": "Bearer eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOjQsImlhdCI6MTY1MjEwNzg2NDgzMSwiZXhwIjoxNjUyMTA3OTUxMjMxfQ.k-HVunUi2YuAx9mGOjIaxBQLH2cNxJ2sLJbv\_qtB1x5qAz3qMxLTdzvZ86TE9UflVo0dF\_p1gW508WbdxtFTzvwncN2uK\_0n\_VkR-7YCo-WZe0MXypnYwvNyf-HS\_cdDyCDoMLgygCIx3a91pw6NcKP46dKTXwZaaIYE2Pr3io78OTha1ZFwMyMN3HlgjKXRu21KDWn6UkH4rY-Yb9TLYAZM2TXRASZ1LBuwggHOMo-vluFey-jGBm36NA63IzeDxIDCs6fhgBwEvorE6b2r5ylkZOYeDXP2qGv4pSVZJmCY1nyTm7E3VdX3JQwHoOJlS7UTI5QwHNYLPVh2ONlvX7cy0OEu9gBHGXtJhvY-Ee9rhBLktslF4KiKnb0COA2rImSVLcvNHOloLiyxXtWxAVeHiSO1MIbSiGXamvD8gZMsTvbufF2C\_ceLFRK6sddJKXjC7\_g-UMTSB2Zf93nxPuKiA9bsHVB4UBv-2pGPOuBsJXooay-GKwg2yCswS2vzgTv8O5kL7ryi8AKWCjUeX2oq9QaK6S\_sdFXct6gMdTwnx5FquJEmifPmBy6xpmDkL5g\_sWv3o0RYgQu2\_trQTq800FFgZI3L8Fzbbiez48Yc14bSW7TCJIndtW89larZHEY3\_OPShUdH0EQesRfQuqOa3EaOk9iL16-p3mhjJQY",

    "success": **true**

}

* + 1. Else:
       1. Status Code: 401, 403
       2. Response:

{

    "msg": "This email id already exists, enter another one",

    "success": **false**

}

* 1. Constraints: Must not be logged in, and if logged in the token must be sent in the Authorization field in the header

1. <http://localhost:3000/login>:
   1. Type: POST
   2. Purpose: For user login (all kinds)
   3. Expected Value: JSON
   4. Eg:

{

    "email": "admin@admin.com",

    "password": "abcd@1234"

}

* 1. Response:
     1. If success:
        1. Status Code: 200
        2. Response:

{

    "success": **true**,

    "token": "Bearer eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOjQsImlhdCI6MTY1MjEwOTA5NTgzNSwiZXhwIjoxNjUyMTA5MTgyMjM1fQ.jUh4gATvszB\_tDEmgHg9HHM5W3kroJdRfkyyNHGavlclqd3SkOlpHMHYful9egiEK0tXctIphImTqWq3mJgxygPOKdNX\_ZVOEvTkVpc8J9StVWJHyUP7JKZ3W7DCLTprQpqJALZH\_VIhSWowNOEHRVEz0kL926Q\_B88bQxBsUqfJRaizGk4S8yXoNLhtSir5iUO\_gRBzb-aqDWvb0XF-RwPR0MiVQtz16Wg\_G8\_UV0ucMWhbbcR\_zInDabApxoYZ0c5m2Y\_gLPY78Xoh0GuB3O01tN3D6oz-rLZt6Dk9B7\_GFakkGZJA4gfswlk9TqCorrGEk8eU8L-a3M9ctHBz8TzdHiFFdXPO3tPPSvX6uItSOlflL26XiOxw3dJpbF5OPAsAbeHjyT2xvUXrKrKFVwYh\_CJpmEEJ88WzznF1\_pMlLsh0hTi6Rw9P5\_tu2wGpIbgwYhg0jwbt0\_YfkvtbQ5J1ho-k0NAuCyvN3jkKNXLhb2KGbh1MvUK6QUcmx51vW2E7-GQKyDx\_Ytrj1EENlq0A2BwrOdg7MVd0MCT5kmHFIFdk\_TNCJJPUS7ZgZRzukCDabjWY6hoefRbExQkbHwOvIXUGkQlihobUSO0RJOAYLY2JtcuZi\_ujpp-glp0cfSF2-rupEV4owXk5Z8Jk5EJnmJNCzDT-KqD\_x7Urrwk",

    "msg": "Login success"

}

* + 1. Else:
       1. Status Code: 401
       2. Response:

{

    "success": **false**,

    "msg": "User name or password is wrong"

}

* 1. Constraints: Must not be logged in, and if logged in the token must be sent in the Authorization field in the header

1. <http://localhost:3000/call> :
   1. Type: GET
   2. Purpose:
      1. For customer: Get all the service calls made by the customer.
      2. For engineer: Get all the service calls allotted to the engineer.
      3. For admin: Get all the service calls made up to now.
   3. Expected Value: Nothing
   4. Eg: {}
   5. Response:
      1. If success:
         1. Status Code: 200
      2. Else:
         1. Status Code: 200
   6. Constraints: The user must be logged in to use this service, and the token must be sent in the Authorization field in the header.