

## American Elite Market Backend Assignment

Node JS, Express JS, BCrypt, JWT, MySQL, Sequelize, Mocha, Supertest

### POST -- <http://localhost:5050/api/signin>:

User can signin using email and password.

#### Sample input:

```
{
  "email": "lakshmana@gmail.com",
  "password": "Strong@12"
}
```

#### Sample Output:

```
{
  "status": true,
  "content": {
    "data": {
      "message": "SignIn Successful."
    },
    "accesstoken":
    "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjcxNzIzMjQ0NDkzOTYxNzc3MTAiLCJuYW1lIjoiaWoiTGFr
    2htYW5hliwiZW1haWwiOiJsYWtzaG1hbmFAZ21haWwuY29tliwicGFzc3dvcmQiOiIkMmIkMTIkU0dTd
    U9lUVRoZDVVeXU2Z3hleWFaZW41ZTRFRQ2k1Y0dHOTNpcHN5bXdHUENOcVh5bUFvZGkiLCJcmVhd
    GVkQXQiOiIyMDI0LTAzLTA5VDIwOjE2OjQ0LjAwMFoiLCJ1cGRhdGVkQXQiOiIyMDI0LTAzLTA5VDIwOjE
    2OjQ0LjAwMFoiLCJpYXQiOiE3MTAwNjcxNjI1V4cCI6MTcxMDA2ODA2Mn0.PGb_KjBcBXewnD4TI44
    pBXeEeSnwm9s3T9SccpaW57Q"
  }
}
```

### Post -- <http://localhost:5050/api/signup>

User can create his account by giving name, email, password.

#### Sample input:

```
{
  "name": "Lucky",
  "email": "lucky@gmail.com",
  "password": "Strong@12"
}
```

#### Sample Output:

```
{
  "status": true,
  "content": {
    "data": {
      "id": "7172549871456415516",
      "name": "Lucky",
      "email": "lucky@gmail.com",
      "created_at": "2024-03-10T11:12:28.891Z"
    },
    "accesstoken":
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjcxNzI1NDk4NzE0NTY0MTU1MTYiLCJuYW1lIjoiaHRVja3kiLCJlbWFPbCI6Imx1Y2t5QGdtYWlsLmNvbSIsInBhc3N3b3JkIjoiaWJDEyJEg1bzJkVXBTeTc1ZHczMVZvVS5ZMXV4dy4zLkVuQjVaWGQyV3JlJWV3NwS0RVQndUSEFDIiwidXBkYXRIZEF0IjoiaWJAYmNC0wMy0xMFQxMT0xMjoyOC44OTFaliwiY3JlYXRIZEF0IjoiaWJAYmNC0wMy0xMFQxMT0xMjoyOC44OTFaliwiaWF0IjojNzEwMDY5MTQ4LCJleHAiOiE3MTAwNzAwNDh9.AleKwO2DODzJ541bxyPxqcqiEU08Lld4uzBDQkhjqMc"
  }
}
```

**Post -- <http://localhost:5050/api/transactions>**

Users can add transactions into their accounts.

**Sample input:**

```
{  
  "type": "7172329242388669779",  
  "amount": 35000  
}
```

Bearer Token:

```
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjcxNzI1NDk4NzE0NTY0MTU1MTYiLCJuYW1lIjoiTHVja3kiLCJlbWFPbCI6Imx1Y2t5QGdtYWlsLmNvbSIsInBhc3N3b3JkljojJDJiJDEyJEg1bzJkVXBTcTc1ZHczMVZvVS5ZMXV4dy4zLkVuQjVaWGQyV3JlWXJNV3NwS0RVQndUSEFDIiwidXBkYXRlZEF0IjojMjAyNC0wMy0xMFQxMT0xMjoyOC44OTFaliwiY3JlYXRlZEF0IjojMjAyNC0wMy0xMFQxMT0xMjoyOC44OTFaliwiaWF0IjojxNzEwMDY5MTQ4LjIleHAiOiJlE3MTAwNzAwNDh9.AleKwO2DODzJ541bxyPxqcqiEU08Lld4uzBDQkhjqMc"
```

**Sample Output:**

```
{  
  "status": true,  
  "content": {  
    "data": {  
      "id": "7172550834599971305",  
      "user": "7172549871456415516",  
      "type": "7172328198294887489",  
      "amount": 35000,  
      "createdAt": "2024-03-10T11:16:18.520Z"  
    }  
  }  
}
```

## Get -- http://localhost:5050/api/transactions

Users can fetch their transactions over last one year.

### Sample Input:

Bearer Token:

```
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjcxNzI1NDk4NzE0NTY0MTU1MTYiLCJuYW1lIjoI"
"THVja3kiLCJlbWFPbCI6Imx1Y2t5QGdtYWlsLmNvbSIsInBhc3N3b3JkIjoIJDJiJDEyJEg1bzJkVXBTeTc1Z"
"HczMVZvVS5ZMXV4dy4zLkVuQjVaWGQyV3JlJWV3NwS0RVQndUSEFDIiwidXBkYXRIZEF0IjoI"
"ImJAYNC0wMy0xMFQxMT0xMjoyOC44OTFaliwiY3JlYXRIZEF0IjoI"
"ImJAYNC0wMy0xMFQxMT0xMjoyOC44OTFaliwiaWF0IjoxNzEwMDY5MTQ4LCJleHAiOjE3MTAwNzAwNDh9"
".AleKwO2DODzJ541bxyPxqcqiEU08Lld4uzBDQkhjqMc"
```

### Sample Output:

```
{
  "status": true,
  "content": {
    "data": [
      {
        "id": "7172550834599971305",
        "user": "7172549871456415516",
        "type": "7172328198294887489",
        "amount": 35000,
        "createdAt": "2024-03-10T11:16:18.000Z"
      }
    ]
  }
}
```

## Get -- <http://localhost:5050/api/transactions/summary>

Users can fetch summary of their transactions over last one year time.

### Sample Input:

Bearer Token:

```
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjcxNzI1NDk4NzE0NTY0MTU1MTYiLCJuYW1lIjoIcHVja3kiLCJlbWFPbCI6Imx1Y2t5QGdtYWlsLmNvbSIsInBhc3N3b3JkIjoIJDJiJDEyJEg1bzJkVXBTeTc1ZHczMVZvVS5ZMlV4d4dy4zLkVuQjVaWGQyV3JlWlJlV3NwS0RVQndUSEFDIiwidXBkYXRlZEF0IjoIc0wMy0xMFQxMT0xMjoyOC44OTFaliwiY3JlYXRlZEF0IjoIc0wMy0xMFQxMT0xMjoyOC44OTFaliwiaWF0IjoxNzEwMDY5MTQ4LjIleHAiOiJlE3MTAwNzAwNDh9.AleKwO2DODzJ541bxyPxqcqiEU08Lld4uzBDQkhjqMc"
```

### Sample Output:

```
{
  "status": true,
  "content": {
    "data": [
      {
        "type": "Income",
        "total": 35000
      },
      {
        "type": "Expense",
        "total": null
      },
      {
        "type": "Savings",
        "total": 35000
      }
    ]
  }
}
```

## Delete -- <http://localhost:5050/api/transactions/:id>

Users can delete their transactions from the list.

### Sample Input:

Api -- <http://localhost:5050/api/transactions/7172553004490211356>

Bearer Token:

```
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjcxNzI1NDk4NzE0NTY0MTU1MTYiLCJuYW1lIjoI"
"THVja3kiLCJlbWFPbCI6Imx1Y2t5QGdtYWlsLmNvbSIsInBhc3N3b3JkIjo"
"iJDJiJDEyJEg1bzJkVXBTeTc1ZHczMVZvVS5ZMXV4dy4zLkVuQjVaWGQyV3"
"lJWXJNV3NwS0RVQndUSEFDIiwidXBkYXRIZEF0Ijo"
"iMjAyNC0wMy0xMFQxMT0xMjoyOC44OTFaliwiY3JlYXRIZEF0Ijo"
"iMjAyNC0wMy0xMFQxMT0xMjoyOC44OTFaliwiaWF0IjoxNzEwMDY5MTQ4LCJleHAiOjE3MTAwNzAwNDh9"
".AleKwO2DODzJ541bxyPxqcqiEU08Lld4uzBDQkhjqMc"
```

### Sample Output:

```
{
  "status": true,
  "content": {
    "data": {
      "message": "Deletion successful."
    }
  }
}
```