

## TESTING BACKEND (SERVER QUERIES) USING POSTMAN

### Requirements:

1. Need access to the firebase database (contact one of the collaborators to grant you that access)
2. Postman (Desktop application)
3. Firebase tools (using :- npm install -g firebase-tools)

### Initial Steps:

1. Open social-media folder using an IDE of your choice (VSCode suggested)
2. Login to the firebase account which has access to the database using the following command :- firebase login
3. Get the local host address by running the command :- firebase serve (link will look something like - <http://localhost:5000/socialape-c629a/europe-west1/api>)
4. Open Postman and get to testing

### 1. Signup

Request type: POST

Url: <http://localhost:5000/socialape-c629a/europe-west1/api/signup>

Body type: raw (JSON)

Body content:

```
{
  "email" : "ayush@email.com",
  "password" : "123456",
  "confirmPassword" : "123456",
  "handle" : "ayush"
}
```

Response: Error response

```
{
  "handle": "this handle is already taken"
}
```

Note: Play around with various values for the different fields to test various test cases (test errors like confirmPassword should match password, email already taken, password strength too low etc or a successful response).

### 2. Login

Request type: POST

Url: <http://localhost:5000/socialape-c629a/europe-west1/api/login>

Body type: raw(JSON)

Body:

```
{
  "email" : "ayush@email.com",
  "password" : "123456"
}
```

```
}
```

Reponse: Successful login returns a token (this will be required for authenticated routes in the future)

```
{
```

**"token":**

```
"eyJhbGciOiJSUzI1NiIsImtpZCI6ImQxMGM4ZjhiMGRjN2Y1NWUyYjM1NDFmMjllNWFiMzc0M2Y3N2NjZWUiLCJ0eXAiOiJKV1QiLCJpc3MiOiJodHRwczovL3NlY3VyZXRva2VuLmdvb2dsZS5jb20vc29jaWFsYXBILWM2MjllhliwiYXVkljoic29jaWFsYXBILWM2MjllhliwiYXV0aF90aW1lIjoxNjAzNzY5MjkzLCJlc2VyX2lkIjojVUFjN3FXS3ZMRU94NVU3N3VUMEk1Rnh5Y1V3MSIsInN1YiI6IiVBZyZdxV0t2TEVPeDlVDBJNUZ4eWNvZdEiLCJpYXQiOiJlMjM3NjkyOTM3ImV4cCI6MTYwMzc3Mjg5MywiZW1haWwiOiJheXVzaEBlbWpC5jb20iLCJlbWpFbF92ZXJpZmllZCI6ZmFsc2UsImZpcmViYXNlIjp7ImlkZW50aXRpZXMionSiZW1haWwiOlsiYX1lc2hAZW1haWwuY29tIl19LCJzaWduX2luX3Byb3ZpZGVyIjoicGFzc3dvcmQifX0.zfPmSme_s8XD6QzPF5wxSX37Cm9Uoqw5kOVHesA--KIUvK4gRKtOa3h3oADS6uEj6a6T5Ql48TrMpujev74TQqjEdNNTI_Pp8x_-xerdqhADw98qUnbc-o8xOs9IJ3rmAu7MlbBUYVstuMeqVnWGCmTLRRazXRWSEpq2M9j--jn_U3nZaNPWO07IGNg158PDy5ipoqW8TgzqVvnbI3RmzVMx6VxQVw-P-QL4VSiZsrEVfAuvWrgiNQRGQc6wVeqKGdOv0GCdsk1vWSosyzDiQSFDkI1t_cmAb0A22EAZiTVmDxeeRTgc36xW1J24bUJ1YYK7HKCVZ-RbxtX62hotMg"
```

```
}
```

### 3. Upload image

Request type: POST

Url: <http://localhost:5000/socialape-c629a/europe-west1/api/user/image>

Addition headers: Authorization

Header value: Bearer {token for the logged in user}

E.g.

Bearer

```
eyJhbGciOiJSUzI1NiIsImtpZCI6ImQxMGM4ZjhiMGRjN2Y1NWUyYjM1NDFmMjllNWFiMzc0M2Y3N2NjZWUiLCJ0eXAiOiJKV1QiLCJpc3MiOiJodHRwczovL3NlY3VyZXRva2VuLmdvb2dsZS5jb20vc29jaWFsYXBILWM2MjllhliwiYXVkljoic29jaWFsYXBILWM2MjllhliwiYXV0aF90aW1lIjoxNjAzNzY5MjkzLCJlc2VyX2lkIjojVUFjN3FXS3ZMRU94NVU3N3VUMEk1Rnh5Y1V3MSIsInN1YiI6IiVBZyZdxV0t2TEVPeDlVDBJNUZ4eWNvZdEiLCJpYXQiOiJlMjM3NjkyOTM3ImV4cCI6MTYwMzc3Mjg5MywiZW1haWwiOiJheXVzaEBlbWpC5jb20iLCJlbWpFbF92ZXJpZmllZCI6ZmFsc2UsImZpcmViYXNlIjp7ImlkZW50aXRpZXMionSiZW1haWwiOlsiYX1lc2hAZW1haWwuY29tIl19LCJzaWduX2luX3Byb3ZpZGVyIjoicGFzc3dvcmQifX0.zfPmSme_s8XD6QzPF5wxSX37Cm9Uoqw5kOVHesA--KIUvK4gRKtOa3h3oADS6uEj6a6T5Ql48TrMpujev74TQqjEdNNTI_Pp8x_-xerdqhADw98qUnbc-o8xOs9IJ3rmAu7MlbBUYVstuMeqVnWGCmTLRRazXRWSEpq2M9j--jn_U3nZaNPWO07IGNg158PDy5ipoqW8TgzqVvnbI3RmzVMx6VxQVw-P-QL4VSiZsrEVfAuvWrgiNQRGQc6wVeqKGdOv0GCdsk1vWSosyzDiQSFDkI1t_cmAb0A22EAZiTVmDxeeRTgc36xW1J24bUJ1YYK7HKCVZ-RbxtX62hotMg
```

Body type: form-data

Key: image, type: File

Value: Select the file from your local machine, only allows jpeg and png

Response: Successful image upload

```
{  
  "message": "image uploaded successfully"  
}
```

#### 4. Get user details

Request type: GET

Url: <http://localhost:5000/socialape-c629a/europe-west1/api/user/ayush>

Response: Successful response for an existing user

```
{  
  "user": {  
    "imageUrl":  
      "https://firebasestorage.googleapis.com/v0/b/socialape-c629a.appspot.com/o/329800964477.jpg?  
alt=media&token=2a57a493-a116-44a8-be9c-21c614ac6d8a",  
    "createdAt": "2020-10-19T03:33:28.643Z",  
    "bio": "hey yo",  
    "handle": "ayush",  
    "website": "http://user.com",  
    "location": "Raleigh, NC, US",  
    "userId": "UAc7qWKvLEOx5U77uT0I5FxycUw1",  
    "email": "ayush@email.com"  
  },  
  "screams": [  
    {  
      "body": "checking profile picture",  
      "createdAt": "2020-10-19T06:03:08.515Z",  
      "userHandle": "ayush",  
      "userImage":  
        "https://firebasestorage.googleapis.com/v0/b/socialape-c629a.appspot.com/o/329800964477.jpg?  
alt=media&token=2a57a493-a116-44a8-be9c-21c614ac6d8a",  
      "likeCount": 2,  
      "commentCount": 0,  
      "screamId": "TDRDq8vl4R0GhrkUWQVN"  
    }  
  ]  
}
```