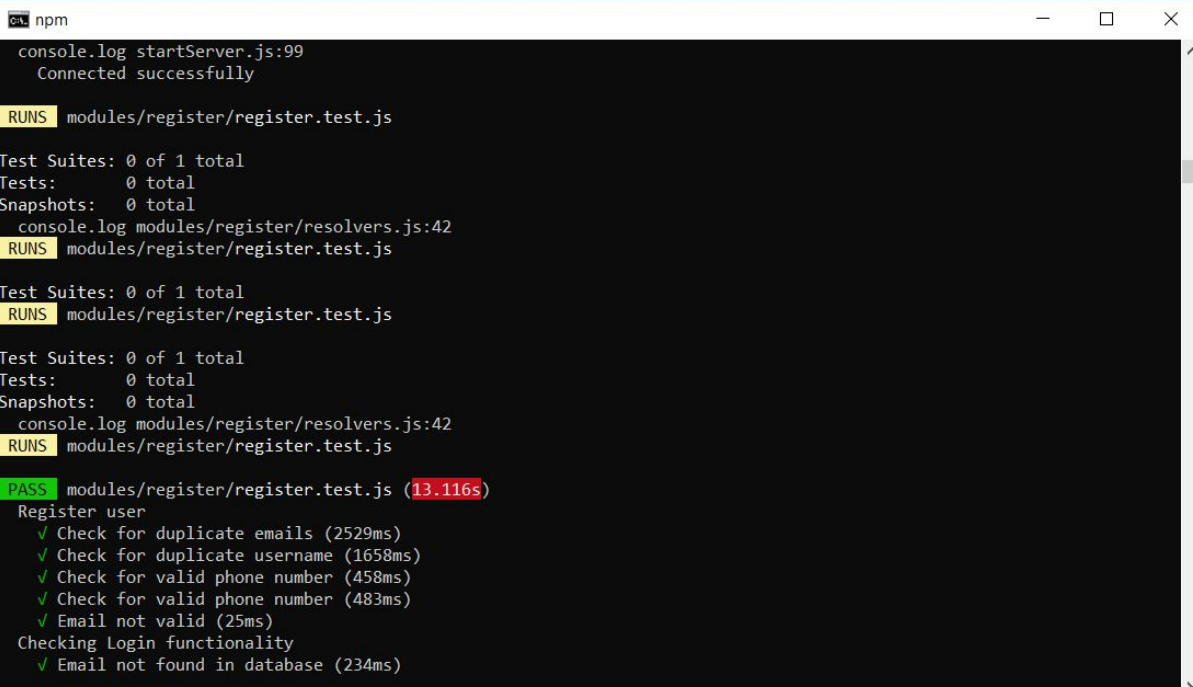


Unit Testing

Technology Used : Jest with istanbul library

- Register



```
npm
console.log startServer.js:99
  Connected successfully
RUNS  modules/register/register.test.js
Test Suites: 0 of 1 total
Tests:    0 total
Snapshots: 0 total
console.log modules/register/resolvers.js:42
RUNS  modules/register/register.test.js
Test Suites: 0 of 1 total
RUNS  modules/register/register.test.js
Test Suites: 0 of 1 total
Tests:    0 total
Snapshots: 0 total
console.log modules/register/resolvers.js:42
RUNS  modules/register/register.test.js
PASS  modules/register/register.test.js (13.116s)
  Register user
    ✓ Check for duplicate emails (2529ms)
    ✓ Check for duplicate username (1658ms)
    ✓ Check for valid phone number (458ms)
    ✓ Check for valid phone number (483ms)
    ✓ Email not valid (25ms)
  Checking Login functionality
    ✓ Email not found in database (234ms)
```

- Login

```
npm
test

console.log startServer.js:99
Connected successfully

RUNS modules/login/login.test.js

Test Suites: 2 passed, 2 of 4 total
Tests: 6 passed, 6 total
Snapshots: 0 total
Time: 42s, estimated 44s
RUNS modules/login/login.test.js

Test Suites: 2 passed, 2 of 4 total
Tests: 6 passed, 6 total
Snapshots: 0 total
Time: 43s, estimated 44s
RUNS modules/login/login.test.js

Test Suites: 2 passed, 2 of 4 total
Tests: 6 passed, 6 total
Snapshots: 0 total
PASS modules/login/login.test.js (10.218s)
  Checking Login functionality
    ✓ Email not found in database at the time of login (1836ms)
    ✓ Invalid Password (1678ms)
    ✓ Invalid Email (1067ms)
    ✓ Password Not Null (323ms)
```

- CreateGroup

```
npm

Test Suites: 0 of 4 total
RUNS modules/createGroup/createGroup.test.js

Test Suites: 0 of 4 total
Tests: 0 total
Snapshots: 0 total
Time: 14s, estimated 44s
RUNS modules/createGroup/createGroup.test.js

Test Suites: 0 of 4 total
RUNS modules/createGroup/createGroup.test.js

Test Suites: 0 of 4 total
Tests: 0 total
Snapshots: 0 total
Time: 16s, estimated 44s
RUNS modules/createGroup/createGroup.test.js

Test Suites: 0 of 4 total
Tests: 0 total
Snapshots: 0 total
Time: 17s, estimated 44s
RUNS modules/createGroup/createGroup.test.js
PASS modules/createGroup/createGroup.test.js (21.018s)
  Create Group
    ✓ Make Admin (259ms)
    ✓ Remove Member (1011ms)
    ✓ Admin Leaves The Group (1989ms)
    ✓ Remove Admin (1340ms)
```

- UpdateProfile

```
npm
Test Suites: 1 passed, 1 of 4 total
RUNS modules/updateProfile/updateProfile.test.js

Test Suites: 1 passed, 1 of 4 total
RUNS modules/updateProfile/updateProfile.test.js

Test Suites: 1 passed, 1 of 4 total
RUNS modules/updateProfile/updateProfile.test.js

Test Suites: 1 passed, 1 of 4 total
Tests: 4 passed, 4 total
Snapshots: 0 total
Time: 32s, estimated 44s
RUNS modules/updateProfile/updateProfile.test.js

Test Suites: 1 passed, 1 of 4 total
RUNS modules/updateProfile/updateProfile.test.js

Test Suites: 1 passed, 1 of 4 total
Tests: 4 passed, 4 total
Snapshots: 0 total
Time: 34s, estimated 44s
  console.log modules/login/resolvers.js:22
    email r3@gmail.com
PASS modules/updateProfile/updateProfile.test.js (12.165s)
  Update Profile Page
    ✓ Update Profile Photo (341ms)
    ✓ Update Username (253ms)
```

- Event

```
npm
Test Suites: 3 passed, 3 of 4 total
Tests: 10 passed, 10 total
Snapshots: 0 total

RUNS modules/event/event.test.js

Test Suites: 3 passed, 3 of 4 total
Tests: 10 passed, 10 total
Snapshots: 0 total
Time: 53s console.log modules/event/resolvers.js:115
  2a615720ec7e2d1e

  console.log modules/event/resolvers.js:106
    02

  console.log modules/event/resolvers.js:115
    2a615720ec7e2d20

  console.log modules/event/resolvers.js:106
    02

  console.log modules/event/resolvers.js:115
    2a615720ec7e2d22
PASS modules/event/event.test.js (7.823s)6
  Creating Event
    ✓ Name Cannot Be Null (101ms)
    ✓ Imagelink Cannot Be Null (34ms)
    ✓ Description Cannot Be Null (28ms)
    ✓ Time Cannot Be Null (22ms)
```

- Created Log File

All files

54.3% Statements 128/221 64% Branches 32/50 37.78% Functions 17/45 56.6% Lines 128/222

Press *n* or *j* to go to the next uncovered block, *b*, *p* or *k* for the previous block.

File ▾		Statements ▾		Branches ▾		Functions ▾		Lines ▾	
stark-wave-67999	<div><div></div></div>	90.91%	20/22	58.33%	7/12	100%	4/4	90.91%	20/22
stark-wave-67999/modules/createGroup	<div><div></div></div>	44.71%	38/85	41.67%	5/12	17.65%	3/17	45.78%	38/83
stark-wave-67999/modules/event	<div><div></div></div>	31.67%	19/60	87.5%	7/8	10%	1/10	35.85%	19/53
stark-wave-67999/modules/login	<div><div></div></div>	91.67%	11/12	100%	6/6	50%	1/2	91.67%	11/12
stark-wave-67999/modules/register	<div><div></div></div>	77.42%	24/31	58.33%	7/12	50%	1/2	77.42%	24/31
stark-wave-67999/utlis	<div><div></div></div>	72.73%	8/11	100%	0/0	70%	7/10	72.73%	8/11