Request Accepting In Private Mode

Description:

This Api accepts a GET request with Username and Password as Params and then accepts 100 follow requests and then change the privacy of the account to Public

This API accepts two arguments

- username - Your instagram Username
- password - Your instagram Password

Understanding the CodeBase

The whole task is being run as an aync task

Dependecies used

```
const express=require('express')
const puppeteer = require('puppeteer');
const app=express()
const readline = require('readline');
const randomUseragent = require('random-useragent');
```

Page Deployment

```
const browser = await puppeteer.launch({ headless: true, defaultViewport: null,
args: ['--no-sandbox', '--disable-setuid-sandbox','--start-maximized'] });
    const page = await browser.newPage();
```

Actions on Instagram Page

We are directly opening the Login page instead of Instagram page

```
await page.goto(`https://www.instagram.com/accounts/login/?source=auth_switcher`,
{ waitUntil: 'networkidle0' });
```

The requests are being accepted in Chunks of 9 requests for performace purposes

```
for (step = 2; step < 11; step++) {
        element = await page.$x(`//div[`+step+`]/div[3]/div/div/button`);
        await element[0].click();
        console.log('Step ',step, 'click');
```
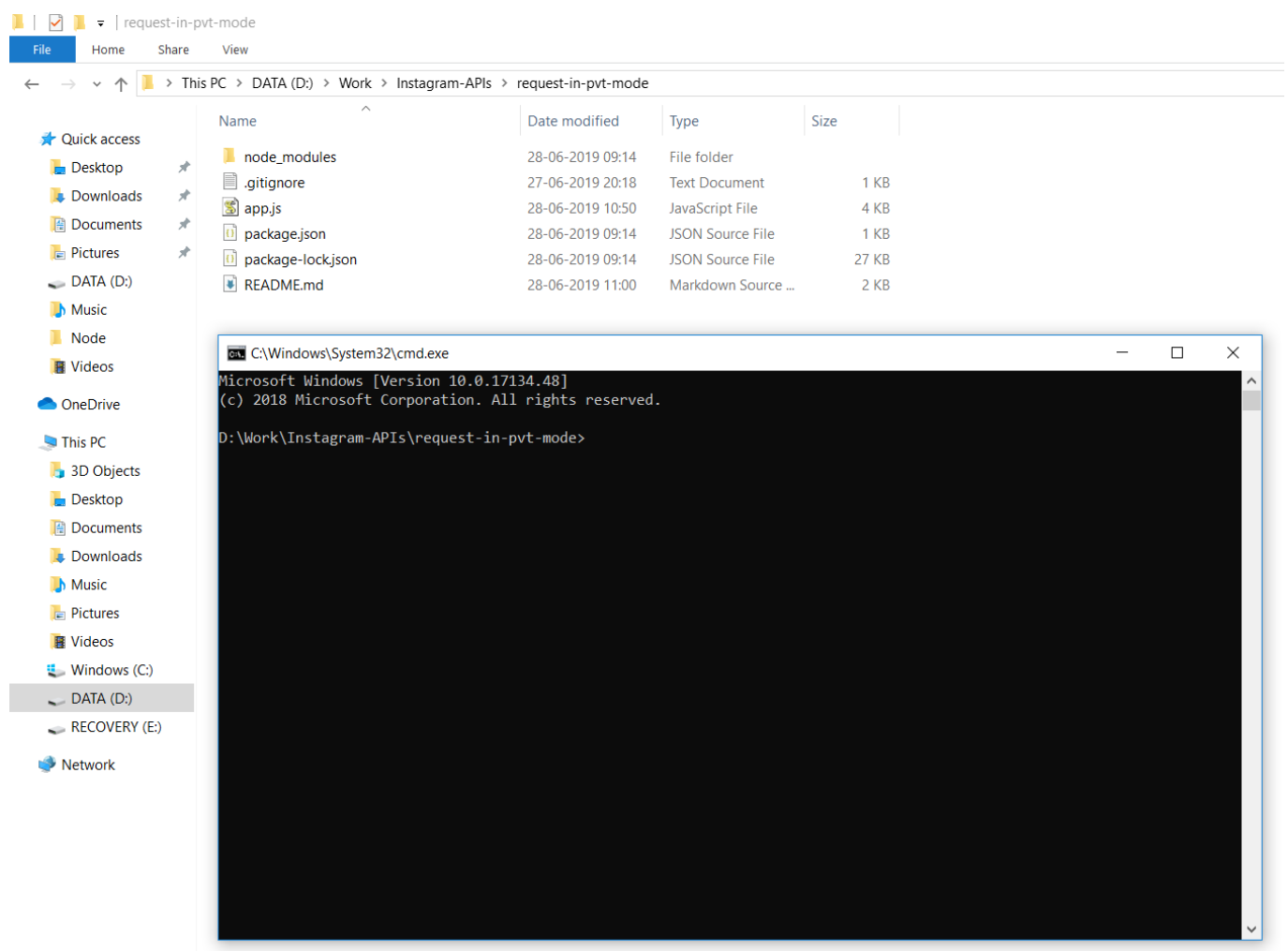
```
    }
```

Closing the browser when opertaion is complete

```javascript
console.log('Task Succesfully Completed')
    await browser.close();
    return res.send('Task Succesfully Completed')
```

How to start the Server

Open terminal where your script lies

Make sure you are in the directory of the script

To make sure of this try the `DIR` or `ls` command

```
D:\Work\Instagram-APIs\request-in-pvt-mode>dir
 Volume in drive D is DATA
 Volume Serial Number is AC41-86C8

 Directory of D:\Work\Instagram-APIs\request-in-pvt-mode

28-06-2019  09:14    <DIR>          .
28-06-2019  09:14    <DIR>          ..
27-06-2019  20:18                13 .gitignore
28-06-2019  10:50             3,968 app.js
28-06-2019  09:14    <DIR>          node_modules
28-06-2019  09:14            26,756 package-lock.json
28-06-2019  09:14               402 package.json
28-06-2019  11:08             1,628 README.md
               5 File(s)         32,767 bytes
               3 Dir(s)  983,876,308,992 bytes free

D:\Work\Instagram-APIs\request-in-pvt-mode>
```

Installing Dependencies and Starting server

Type the command `npm install` in the terminal and hit enter Then to start the server type the command `node app.js`

You will get a Message on the termial on succesfull server Deployment `Server is up on port 3000`

```
D:\Work\Instagram-APIs\request-in-pvt-mode>npm install

> puppeteer@1.18.0 install D:\Work\Instagram-APIs\request-in-pvt-mode\node_modules\puppeteer
> node install.js

Downloading Chromium r669486 - 140.6 Mb [=====================] 100% 0.0s
Chromium downloaded to D:\Work\Instagram-APIs\request-in-pvt-mode\node_modules\puppeteer\.local-chromium\win64-669486
npm WARN request-in-pvt-mode@1.0.0 No repository field.

added 93 packages from 55 contributors and audited 179 packages in 33.636s
found 0 vulnerabilities


D:\Work\Instagram-APIs\request-in-pvt-mode>node app.js
Server is up on port 3000
```

Sending request to the Server

Configuring Postman

Open up Postman and create a get request with following configuration(Make sure the server is up and running)

After The entry hit Send

The Server will work on it's own in the Background

You can see the progress in the terminal