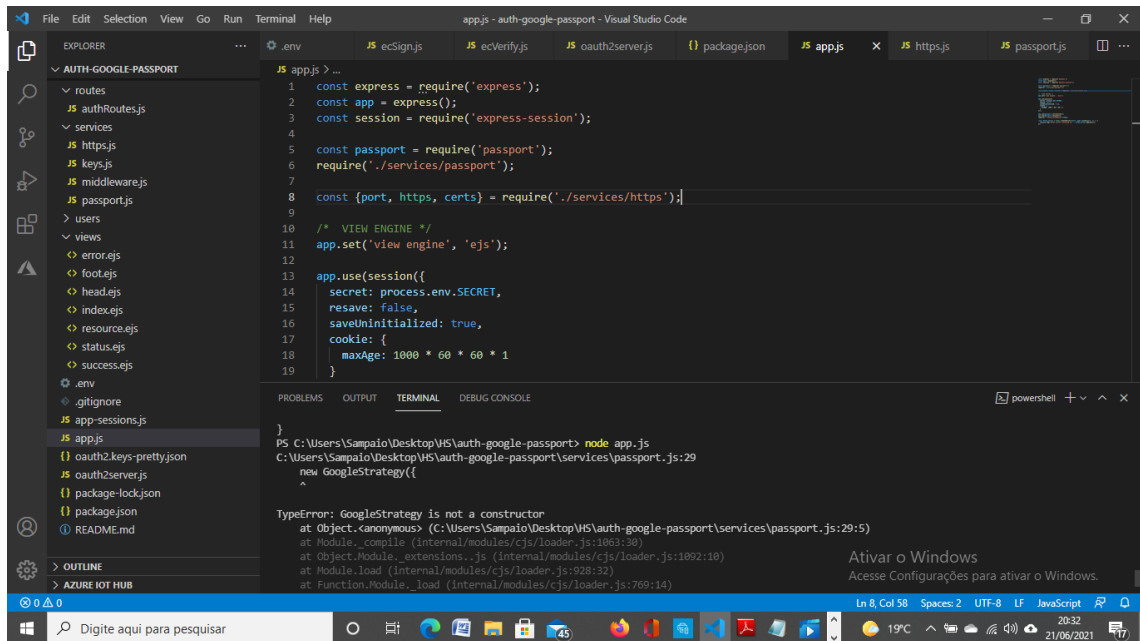


## Trabalho 2 OAuth2

### Relatório



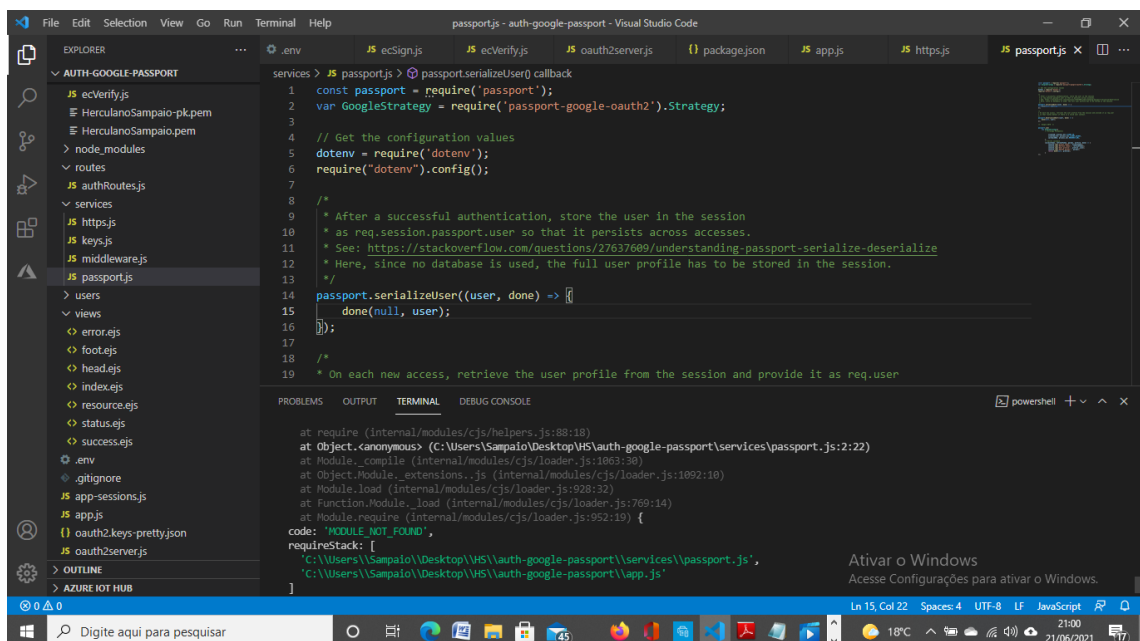
The screenshot shows the Visual Studio Code interface with the file explorer on the left displaying the project structure for 'AUTH-GOOGLE-PASSPORT'. The main editor window shows the 'passport.js' file with the following code:

```
1 const express = require('express');
2 const app = express();
3 const session = require('express-session');
4
5 const passport = require('passport');
6 require('./services/passport');
7
8 const {port, https, certs} = require('./services/https');
9
10 /* VIEW ENGINE */
11 app.set('view engine', 'ejs');
12
13 app.use(session({
14   secret: process.env.SECRET,
15   resave: false,
16   saveUninitialized: true,
17   cookie: {
18     maxAge: 1000 * 60 * 60 * 1
19   }
20 }));
```

The terminal window at the bottom shows the command 'node app.js' being executed, resulting in the following error:

```
TypeError: GoogleStrategy is not a constructor
    at Object.<anonymous> (C:\Users\Sampaio\Desktop\H5\auth-google-passport\services\passport.js:29:5)
    at Module._compile (internal/modules/cjs/loader.js:1063:30)
    at Object.Module._extensions..js (internal/modules/cjs/loader.js:1092:10)
    at Module.load (internal/modules/cjs/loader.js:928:32)
    at Function.Module._load (internal/modules/cjs/loader.js:769:14)
```

Erro, GoogleStrategy is not a constructor; passport.sj



The screenshot shows the Visual Studio Code interface with the file explorer on the left displaying the project structure for 'AUTH-GOOGLE-PASSPORT'. The main editor window shows the 'passport.js' file with the following code:

```
1 const passport = require('passport');
2 var GoogleStrategy = require('passport-google-oauth2').Strategy;
3
4 // Get the configuration values
5 dotenv = require('dotenv');
6 require("dotenv").config();
7
8 /*
9  * After a successful authentication, store the user in the session
10  * as req.session.passport.user so that it persists across accesses.
11  * See: https://stackoverflow.com/questions/27637609/understanding-passport-serialize-deserialize
12  * Here, since no database is used, the full user profile has to be stored in the session.
13  */
14 passport.serializeUser((user, done) => {
15   done(null, user);
16 });
17
18 /*
19  * On each new access, retrieve the user profile from the session and provide it as req.user
```

The terminal window at the bottom shows the command 'node app.js' being executed, resulting in the following error:

```
at require (internal/modules/cjs/helpers.js:88:18)
at Object.<anonymous> (C:\Users\Sampaio\Desktop\H5\auth-google-passport\services\passport.js:2:22)
at Module._compile (internal/modules/cjs/loader.js:1063:30)
at Object.Module._extensions..js (internal/modules/cjs/loader.js:1092:10)
at Module.load (internal/modules/cjs/loader.js:928:32)
at Function.Module._load (internal/modules/cjs/loader.js:769:14)
at Module.require (internal/modules/cjs/loader.js:952:19) {
  code: 'MODULE_NOT_FOUND',
  requireStack: [
    'C:\Users\Sampaio\Desktop\H5\auth-google-passport\services\passport.js',
    'C:\Users\Sampaio\Desktop\H5\auth-google-passport\app.js'
  ]
}
```

Quando altero na linha 2 o Strategy; apresenta o erro de módulo

```
Error: ENOENT: no such file or directory, open './certs/DESKTOP-BLVKNUO-key.pem'
  at Object.openSync (fs.js:476:3)
  at Object.readFileSync (fs.js:377:35)
  at Object.<anonymous> (C:\Users\Sampaio\Desktop\HS\auth-google-passport\oauth2server.js:39:13)
  at Module._compile (internal/modules/cjs/loader.js:1063:30)
  at Object.Module._extensions..js (internal/modules/cjs/loader.js:1092:10)
  at Module.load (internal/modules/cjs/loader.js:928:32)
  at Function.Module._load (internal/modules/cjs/loader.js:769:14)
  at Function.executeUserEntryPoint [as runMain] (internal/modules/run_main.js:72:12)
  at internal/main/run_main_module.js:17:47 {
```

```
at Module._compile (internal/modules/cjs/loader.js:1063:30)
at Object.Module._extensions..js (internal/modules/cjs/loader.js:1092:10)
at Module.load (internal/modules/cjs/loader.js:928:32)
at Function.Module._load (internal/modules/cjs/loader.js:769:14)
at Function.executeUserEntryPoint [as runMain] (internal/modules/run_main.js:72:12)
at internal/main/run_main_module.js:17:47 {
  errno: -4058,
  syscall: 'open',
  code: 'ENOENT',
  path: './certs/DESKTOP-BLVKNUO-key.pem'
}
PS C:\Users\Sampaio\Desktop\HS\auth-google-passport>
```

Após a reinstalação do módulo auth-google-passport; não encontra ficheiro ou diretório.

