



Universidad Autónoma de Chiapas



Faculta de Contaduría y Administración Campus I

Licenciatura en Ingeniería en Desarrollo de Software

Taller de Desarrollo 4

Tarea: Examen

Nombre del Profesor: Luis Gutiérrez Alfaro

Nombre del alumno: Marcos Arturo Gómez López

Grado: 6to

Grupo: N

Fecha: 21/02/24

Creamos el Proyecto usando NPM

```
PS C:\taller_4> nest new Examen
⚡ We will scaffold your app in a few seconds..

? Which package manager would you ❤️ to use? (Use arrow keys)
> npm
  yarn
  pnpm
```

```
? Which package manager would you ❤️ to use? npm
CREATE examen/.eslintrc.js (688 bytes)
CREATE examen/.prettierrc (54 bytes)
CREATE examen/nest-cli.json (179 bytes)
CREATE examen/package.json (2015 bytes)
CREATE examen/README.md (3413 bytes)
CREATE examen/tsconfig.build.json (101 bytes)
CREATE examen/tsconfig.json (567 bytes)
CREATE examen/src/app.controller.ts (286 bytes)
CREATE examen/src/app.module.ts (259 bytes)
CREATE examen/src/app.service.ts (150 bytes)
CREATE examen/src/main.ts (216 bytes)
CREATE examen/src/app.controller.spec.ts (639 bytes)
CREATE examen/test/jest-e2e.json (192 bytes)
CREATE examen/test/app.e2e-spec.ts (654 bytes)

✓ Installation in progress... 🔄

🚀 Successfully created project examen
👉 Get started with the following commands:

$ cd examen
$ npm run start

Failed to execute command: git init
Git repository has not been initialized

Thanks for installing Nest 🙏
Please consider donating to our open collective
to help us maintain this package.
```

Creamos el Controlador

```
● PS C:\Taller_4\examen> nest g co Pagina
CREATE src/pagina/pagina.controller.ts (105 bytes)
CREATE src/pagina/pagina.controller.spec.ts (510 bytes)
UPDATE src/app.module.ts (340 bytes)
○ PS C:\Taller_4\examen>
```

Instalamos EJS

```
● PS C:\Taller_4\examen> npm install ejs

added 7 packages, and audited 730 packages in 2s

115 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
```

Creamos el Servicio

```
● PS C:\Taller_4\examen> nest g s Pagina
CREATE src/pagina/pagina.service.ts (94 bytes)
CREATE src/pagina/pagina.service.spec.ts (478 bytes)
UPDATE src/app.module.ts (412 bytes)
PS C:\Taller_4\examen>
```

Creamos el Modulo

```
● PS C:\Taller_4\examen> nest g mo Pagina
CREATE src/pagina/pagina.module.ts (87 bytes)
UPDATE src/app.module.ts (479 bytes)
PS C:\Taller_4\examen>
```

Creamos Views

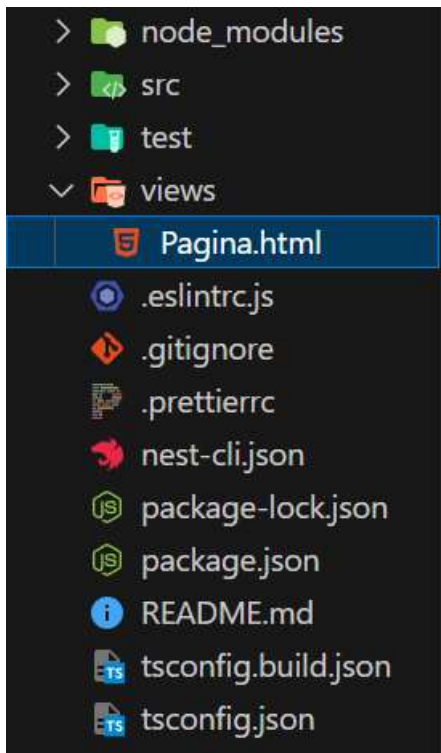
```
● PS C:\Taller_4\examen> mkdir views

Directorio: C:\Taller_4\examen

Mode                LastWriteTime         Length Name
----                -
d-----          21/02/2024  09:40 a. m.         views

○ PS C:\Taller_4\examen>
```

Añadimos el html en views



En **main.ts** que esta en **src** configuramos el motor para las plantillas y así renderizar el html

```
src > main.ts > ...
1  import { NestFactory } from '@nestjs/core';
2  import { AppModule } from './app.module';
3  import { NestExpressApplication } from '@nestjs/platform-express';
4  import * as ejs from 'ejs';
5  import { join } from 'path';
6
7
8  async function bootstrap() {
9    const app = await NestFactory.create<NestExpressApplication> (AppModule);
10
11    app.engine('html', ejs.renderFile);
12    app.set('view engine', 'html');
13    app.set('views', join(__dirname, '..', 'views'));
14
15    await app.listen(3000);
16  }
17  bootstrap();
```

Definimos las rutas en el controlador






```
pagina.controller.ts X
src > pagina > pagina.controller.ts > PaginaController > Pagina
1  import { Controller, Get, Render } from '@nestjs/common';
2
3  @Controller('Pagina')
4  export class PaginaController {
5      @Get()
6      @Render('Pagina')
7      Pagina(){
8          return[]
9      }
10 }
11
```

Ejecutamos

```
[10:25:21 a.m.] Starting compilation in watch mode...
[10:25:23 a.m.] Found 0 errors. Watching for file changes.
[Nest] 16648 - 21/02/2024, 10:25:24 a.m. LOG [NestFactory] Starting Nest application...
[Nest] 16648 - 21/02/2024, 10:25:24 a.m. LOG [InstanceLoader] PaginaModule dependencies initialized +11ms
[Nest] 16648 - 21/02/2024, 10:25:24 a.m. LOG [InstanceLoader] AppModule dependencies initialized +1ms
[Nest] 16648 - 21/02/2024, 10:25:24 a.m. LOG [RoutesResolver] AppController {/}: +21ms
[Nest] 16648 - 21/02/2024, 10:25:24 a.m. LOG [RouterExplorer] Mapped {/, GET} route +3ms
[Nest] 16648 - 21/02/2024, 10:25:24 a.m. LOG [RoutesResolver] PaginaController {/Pagina}: +8ms
[Nest] 16648 - 21/02/2024, 10:25:24 a.m. LOG [RouterExplorer] Mapped {/Pagina, GET} route +1ms
[Nest] 16648 - 21/02/2024, 10:25:24 a.m. LOG [NestApplication] Nest application successfully started +3ms
```

Y Terminamos

< > ↺ 🌐 localhost:3000/pagina

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Nombre: Marcos Arturo Gomez Lopez

Semestre: 6to

Grupo: N

Matricula: A210300

Marcos Arturo Gómez López 6to N



Link del trabajo:

https://drive.google.com/file/d/1IKzRDR6oNwfGPIH3l0cFS_0DKhNqXD7n/view?usp=sharing