Instalation project next-js

- create project in gitlab : name is project_next-js

Install build-essential

- apt-get install build-essential

Install required package

- apt install curl -y

Initialize the Next.js project development environment

- npx create-next-app next_js_project

- cd project_next-js

Push an existing folder

- git init --initial-branch=main
- git remote add origin git@gitlab.quantum-solutions.xyz:devops/pfe-2023/project_next-js.git
- git add .
- git commit -m "Initial commit"
- git push -u origin main

```
pipeline {
  agent any
  stages {
    stage ('istall package ') {
      steps {
        sh ' npm install'
      }
    }
    stage ('build ') {
      steps {
        sh " npm run build"
      }
    }
  }
}
```

how install node v16 in ubuntu :

```
apt-get purge nodejs &&\
rm -r /etc/apt/sources.list.d/nodesource.list

sudo add-apt-repository -y -r ppa:chris-lea/node.js &&\

sudo rm -f /etc/apt/sources.list.d/chris-lea-node_js-*.list &&\

sudo rm -f /etc/apt/sources.list.d/chris-lea-node_js-*.list.save

KEYRING=/usr/share/keyrings/nodesource.gpg

curl -fsSL https://deb.nodesource.com/gpgkey/nodesource.gpg.key | gpg --dearmor
| sudo tee "$KEYRING" >/dev/null

gpg --no-default-keyring --keyring "$KEYRING" --list-keys

chmod a+r /usr/share/keyrings/nodesource.gpg

VERSION=node_16.x

KEYRING=/usr/share/keyrings/nodesource.gpg

DISTRO="$(lsb_release -s -c)"

echo "deb [signed-by=$KEYRING] https://deb.nodesource.com/$VERSION $DISTRO main"
| sudo tee /etc/apt/sources.list.d/nodesource.list
echo "deb-src [signed-by=$KEYRING] https://deb.nodesource.com/$VERSION $DISTRO
main" | sudo tee -a /etc/apt/sources.list.d/nodesource.list

apt-get update

apt-get install nodejs

apt remove libnode72

apt install nodejs
```

stage build :

- Install html plugin

- gedit package.json:

  "build": "next build && next export",

- gedit next.config.js:

  ```
  const nextConfig = {

  output: 'export',

  distDir: 'dist',

  reactStrictMode: true,

  }

  module.exports = {

  images: {

    unoptimized: true,

  },

  }
  ```

- npm run build

this command use to create repertoire out contain files html