Dockerize Image

- **Buat folder baru untuk file app.js dan dockerfile**

```javascript
JS app.js  ✕    🐳 Dockerfile U    📦 package.json U
JS app.js > [∅] server > ⊗ http.createServer() callback
1    const http = require("http");
2
3    const hostname = "0.0.0.0";
4    const port = 3001;
5
6    const server = http.createServer((req, res) ⇒ {
7      res.statusCode = 200;
8    💡res.setHeader("Content-Type", "text/plain");
9      res.end("Hello World");
10   });
11
12   server.listen(port, hostname, () ⇒ {
13     console.log(`Server running at http://${hostname}:${port}/`);
14   });
15
```

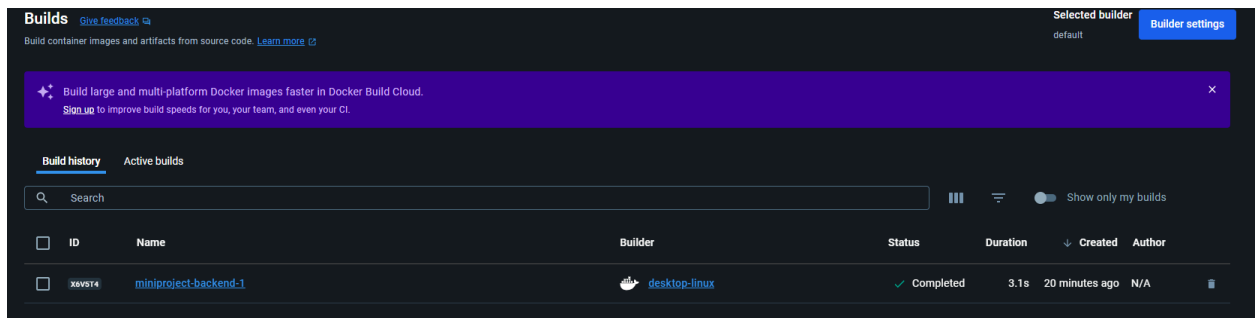- **Berikut adalah konfigurasi dockerfile saya:**

```dockerfile
JS app.js      🐳 Dockerfile U  ✕   📦 package.json U
🐳 Dockerfile
1    # Use an official Node.js runtime as the base image
2    FROM node:latest
3
4    # Set the working directory in the Docker image to /app
5    WORKDIR /app
6
7    # Copy package.json and package-lock.json into the Docker image
8    COPY package*.json ./
9
10   # Install the application dependencies inside the Docker image
11   RUN npm install
12
13   # Copy the rest of your application's source code into the Docker image
14   COPY . .
15   ✦
16   # Make port 8000 available to the world outside the Docker container
17   EXPOSE 8000
18
19   # Define the command to run your application
20   CMD [ "node", "app.js" ]
```

- **Buat docker image dengan script berikut**
  "docker build -t miniproject-backend-1 ."

  ```
  @dwi.bangkit_dda on D:/revou/miniproject-backend-1 master
  # docker build -t miniproject-backend-1 .
  ```

- **Jika berhasil maka akan muncul di aplikasi docker**

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ID	Name	Builder	Status	Duration	Created	Author
X6VST4	miniproject-backend-1	desktop-linux	✓ Completed	3.1s	20 minutes ago	N/A

- **Jalankan docker dengan script berikut**
  "docker run -p 8000:3001 miniproject-backend-1"

  ```
  @dwi.bangkit_dda on D:/revou/miniproject-backend-1 master
  # docker run -p 8000:3001 miniproject-backend-1
  Server running at http://0.0.0.0:3001/
  ```

- **Cek port yang kita tuju di localhost**

  localhost:8000

  localhost:8000

  Hello World