

DANIEL MELENDEZ RAMIREZ

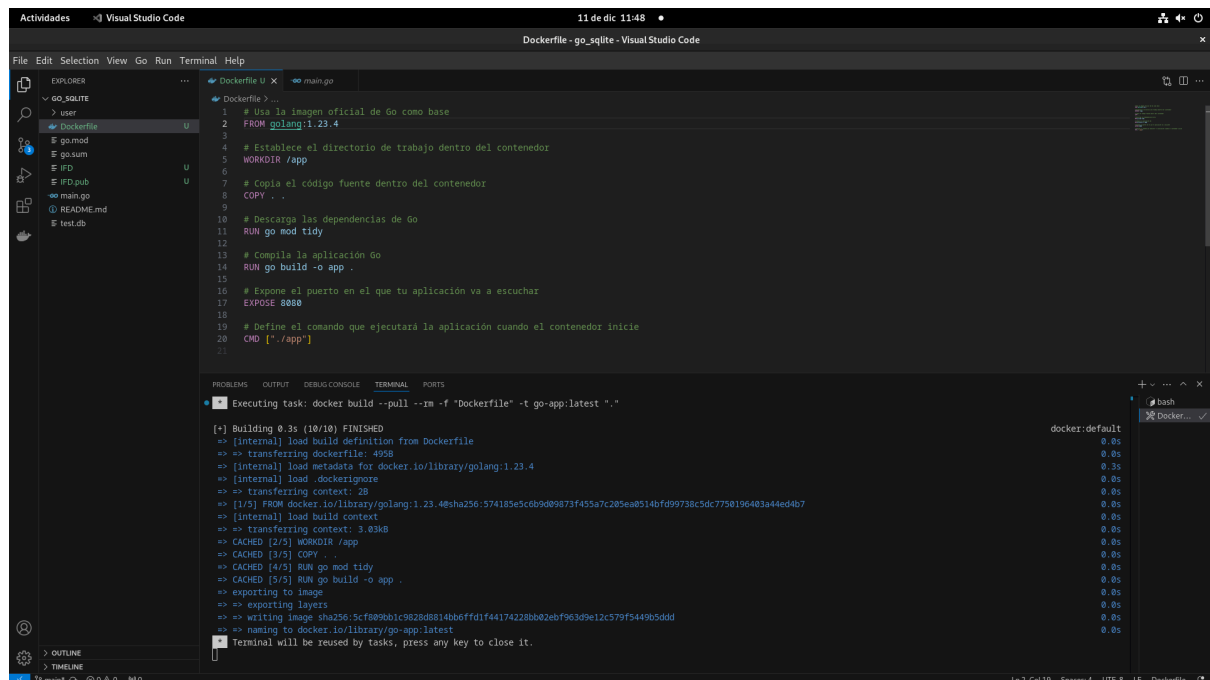
202313024 – 3743

JOAN SEBASTIAN SAAVEDRA

202313025 – 3743

INFORME PARCIAL 2

CONSOLA IMAGEN



The screenshot shows the Visual Studio Code interface with a Dockerfile open in the editor and its build output in the terminal. The Dockerfile contains the following instructions:

```
1 # Usa la imagen oficial de Go como base
2 FROM golang:1.23.4
3
4 # Establece el directorio de trabajo dentro del contenedor
5 WORKDIR /app
6
7 # Copia el código fuente dentro del contenedor
8 COPY . .
9
10 # Descarga las dependencias de Go
11 RUN go mod tidy
12
13 # Compila la aplicación Go
14 RUN go build -o app .
15
16 # Expone el puerto en el que tu aplicación va a escuchar
17 EXPOSE 8080
18
19 # Define el comando que ejecutará la aplicación cuando el contenedor inicie
20 CMD ["/app"]
```

The terminal output shows the build process for the Docker image:

```
[+] Building 0.3s (10/10) FINISHED
=> [internal] load build definition from Dockerfile
=> == transferring dockerfile: 495B
=> [internal] load metadata for docker.io/library/golang:1.23.4
=> [internal] load .dockerignore
=> == transferring context: 2B
=> [1/5] FROM docker.io/library/golang:1.23.4@sha256:574185e5c6b9d09873f455a7c205ea0514bf99738c5dc7758196483a44ed4b7
=> [internal] load build context
=> == transferring context: 3.03kB
=> CACHED [2/5] WORKDIR /app
=> CACHED [3/5] COPY . .
=> CACHED [4/5] RUN go mod tidy
=> CACHED [5/5] RUN go build -o app .
=> exporting to image
=> == exporting layers
=> == writing image sha256:5cf8090b1c9828d8814bb6ffdf44174228bb2ebf963d9e12c579f5449b5ddd
=> == naming to docker.io/library/go-app:latest
Terminal will be reused by tasks, press any key to close it.
```

CONSOLA CONTENEDOR

Visual Studio Code interface showing a Dockerfile for a Go application and its execution output in the terminal.

Dockerfile - go_sqlite - Visual Studio Code

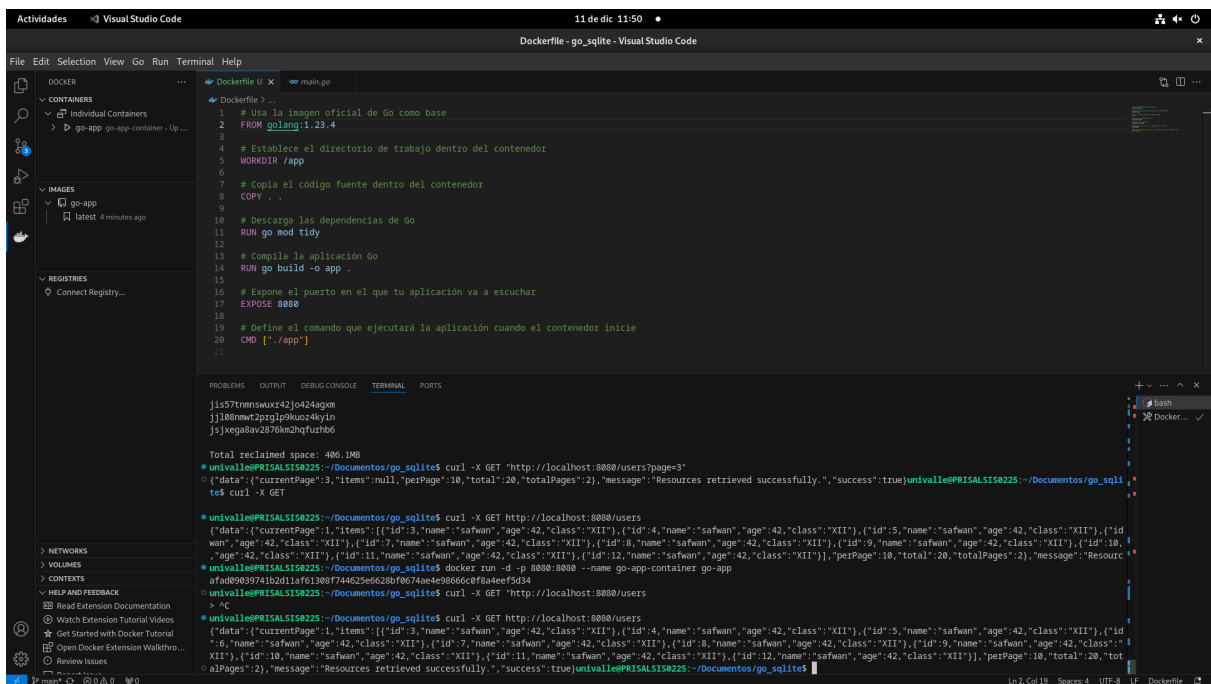
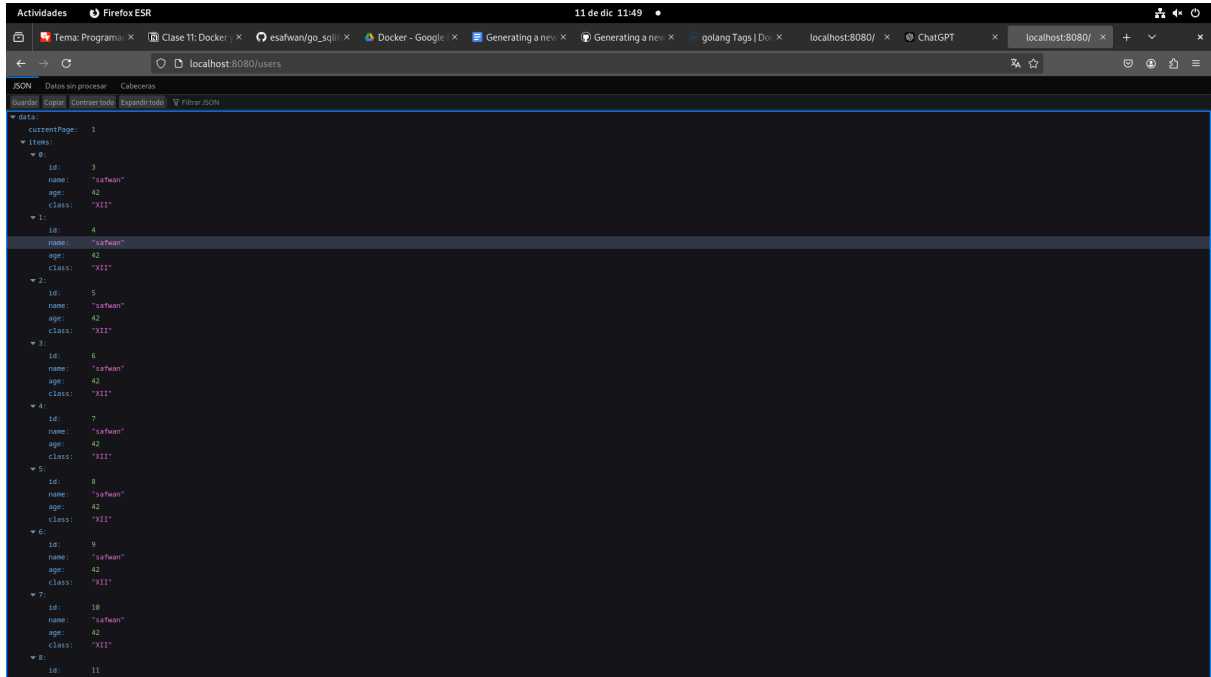
```
1 # Usa la imagen oficial de Go como base
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3
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16 # Expone el puerto en el que tu aplicación va a escuchar
17 EXPOSE 8080
18
19 # Define el comando que ejecutará la aplicación cuando el contenedor inicie
20 CMD ["/app"]
```

Terminal Output:

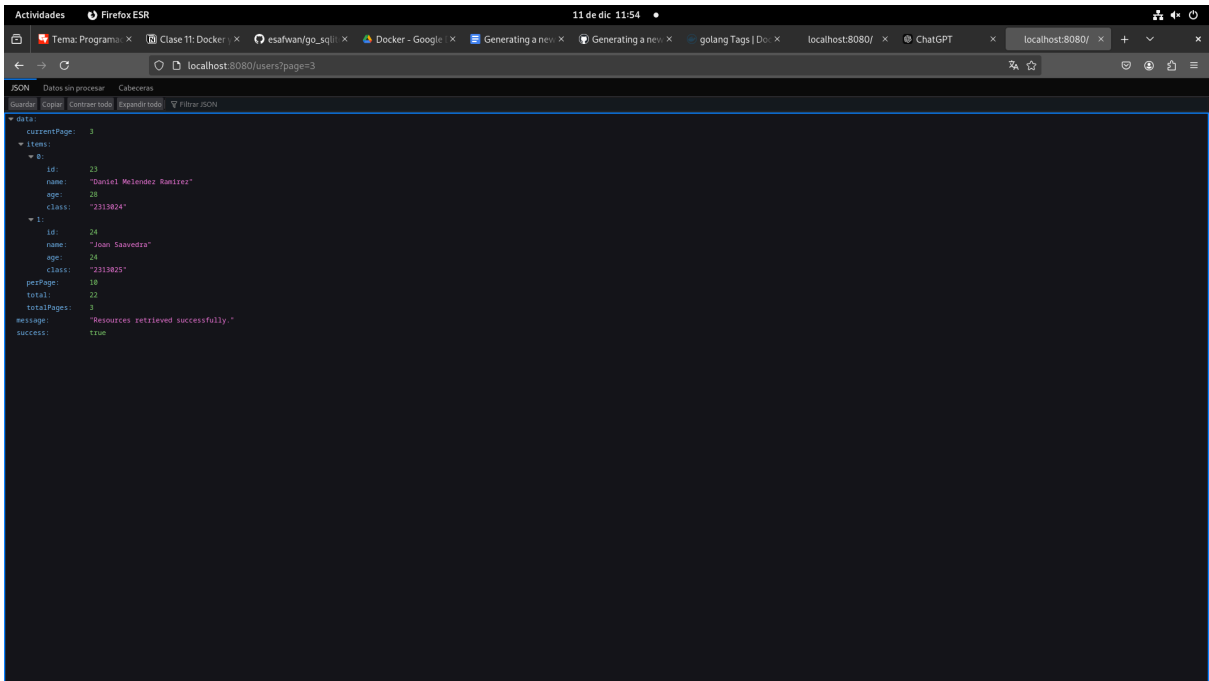
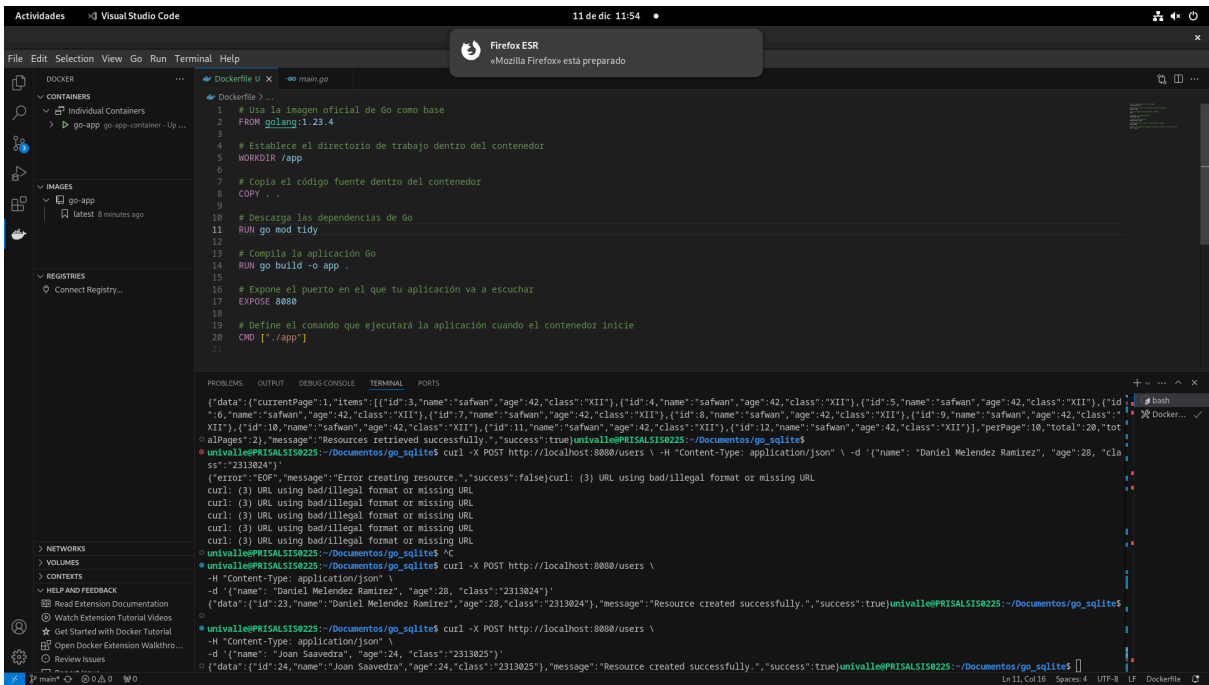
```
Total reclaimed space: 406.1MB
univalle@PRISALSI50225:~/Documentos/go_sqlite$ curl -X GET "http://localhost:8080/users?page=3"
{"data":{"currentPage":3,"items":null,"perPage":10,"total":20,"totalPages":2},"message":"Resources retrieved successfully.","success":true}
univalle@PRISALSI50225:~/Documentos/go_sqlite$ curl -X GET http://localhost:8080/users
{"data":{"currentPage":1,"items":[{"id":3,"name":"safwan","age":42,"class":"XII"}, {"id":4,"name":"safwan","age":42,"class":"XII"}, {"id":5,"name":"safwan","age":42,"class":"XII"}, {"id":6,"name":"safwan","age":42,"class":"XII"}, {"id":7,"name":"safwan","age":42,"class":"XII"}, {"id":8,"name":"safwan","age":42,"class":"XII"}, {"id":9,"name":"safwan","age":42,"class":"XII"}, {"id":10,"name":"safwan","age":42,"class":"XII"}, {"id":11,"name":"safwan","age":42,"class":"XII"}, {"id":12,"name":"safwan","age":42,"class":"XII"}, {"id":13,"name":"safwan","age":42,"class":"XII"}, {"id":14,"name":"safwan","age":42,"class":"XII"}, {"id":15,"name":"safwan","age":42,"class":"XII"}, {"id":16,"name":"safwan","age":42,"class":"XII"}, {"id":17,"name":"safwan","age":42,"class":"XII"}, {"id":18,"name":"safwan","age":42,"class":"XII"}, {"id":19,"name":"safwan","age":42,"class":"XII"}, {"id":20,"name":"safwan","age":42,"class":"XII"}],"perPage":10,"total":20,"totalPages":2},"message":"Resources retrieved successfully.","success":true}
univalle@PRISALSI50225:~/Documentos/go_sqlite$ docker run -d -p 8080:8080 --name go-app-container go-app
afad09039741b2d11af61308f744625e628bf8674ae4e9866ecbf8a4ee75d34
univalle@PRISALSI50225:~/Documentos/go_sqlite$
```

APLICACION PUERTO 80

BASE DE DATOS, CONSULTANDO LOS USUARIOS EXISTENTES



BASE DE DATOS, AGREGANDO NUEVOS USUARIOS



DOCKER COMPOSE