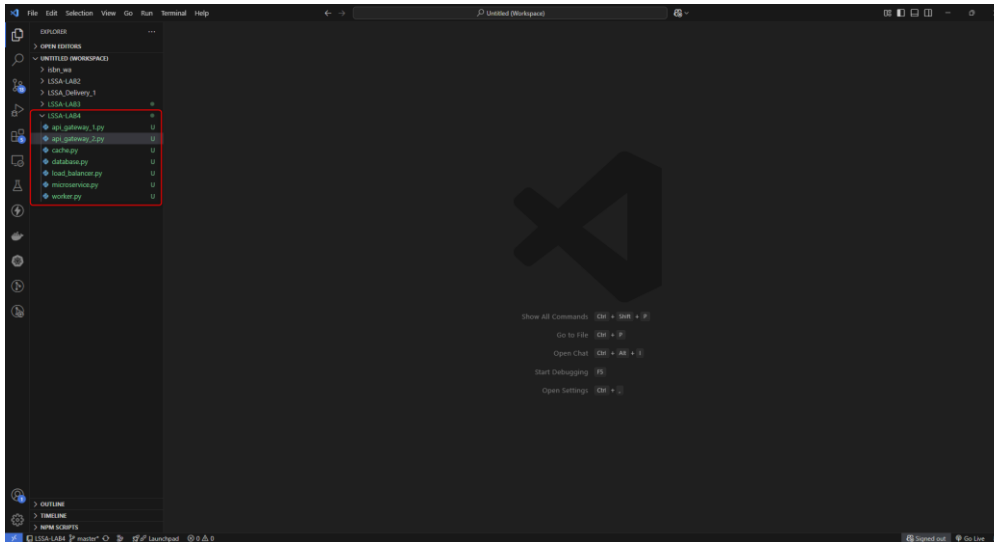
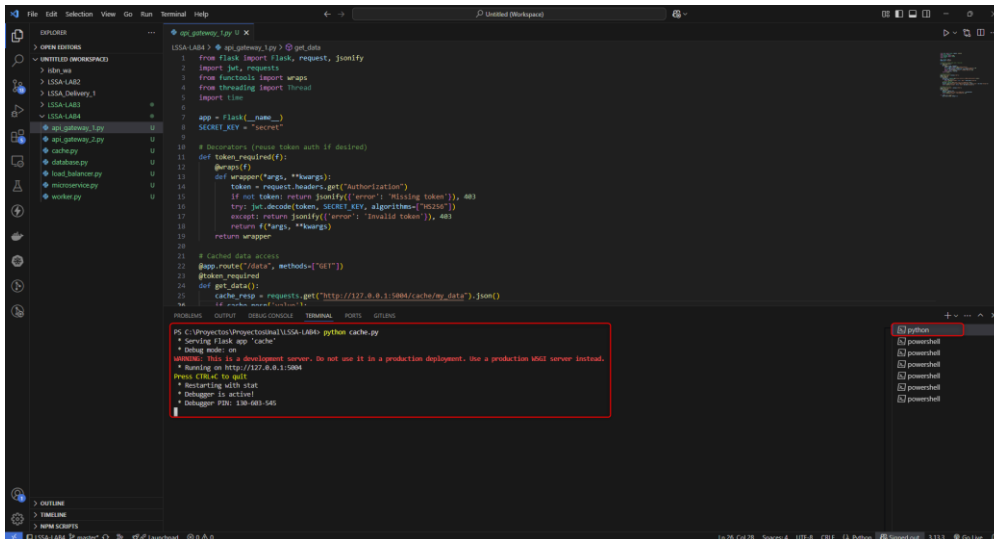


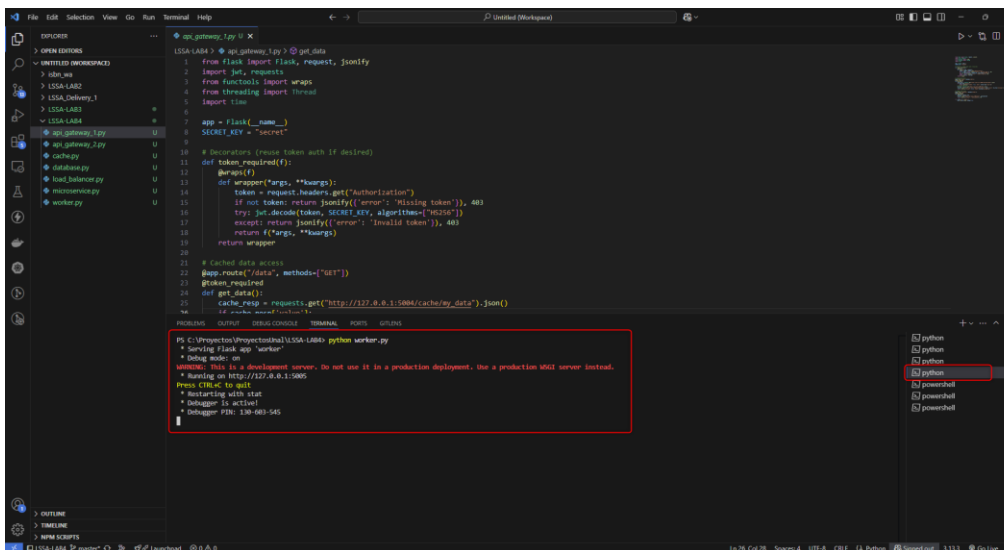
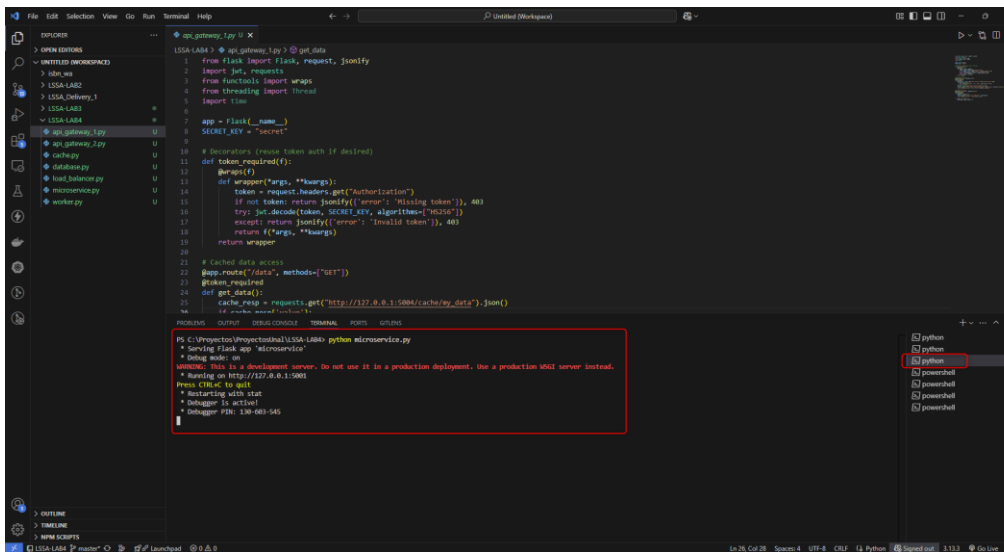
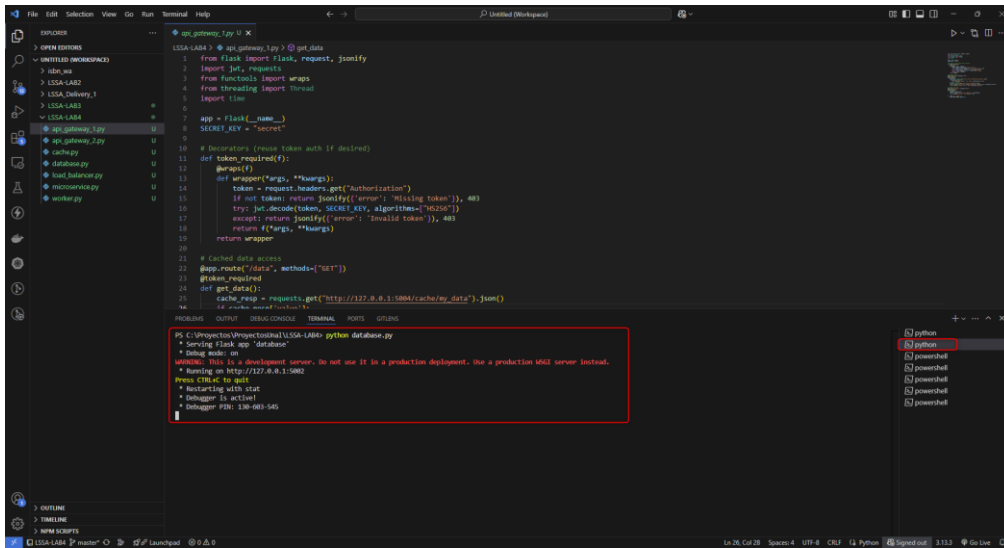
Yilver Ramírez Ochoa – 1015994056 – Evidencias:

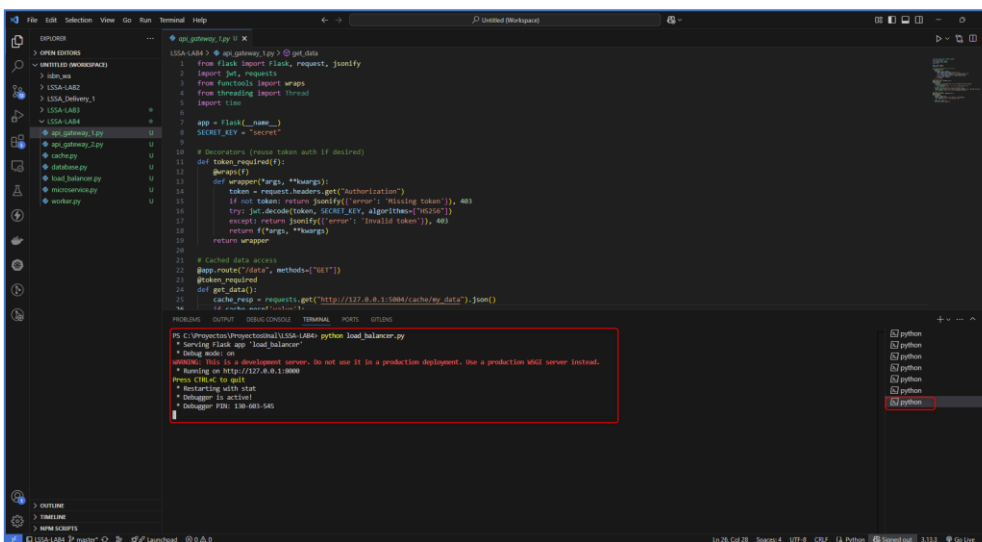
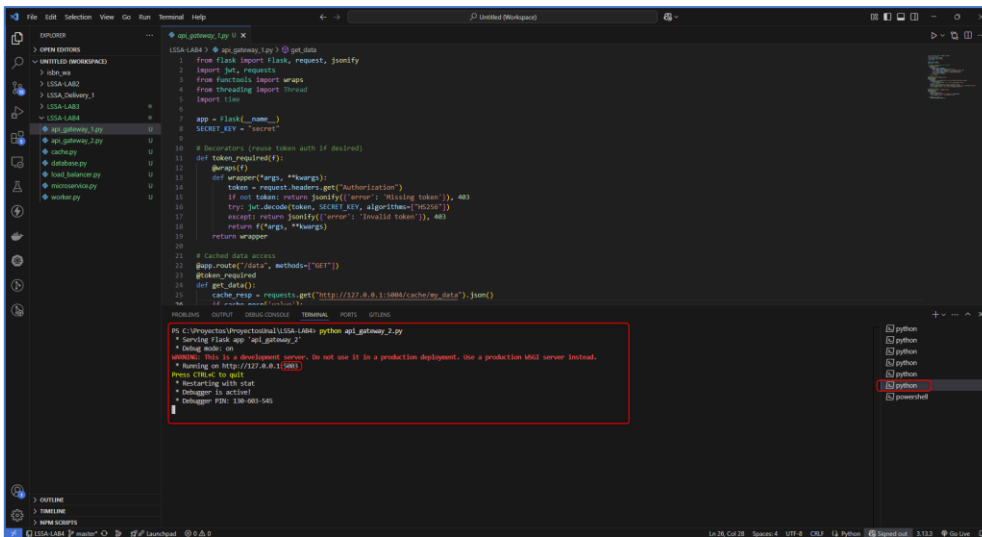
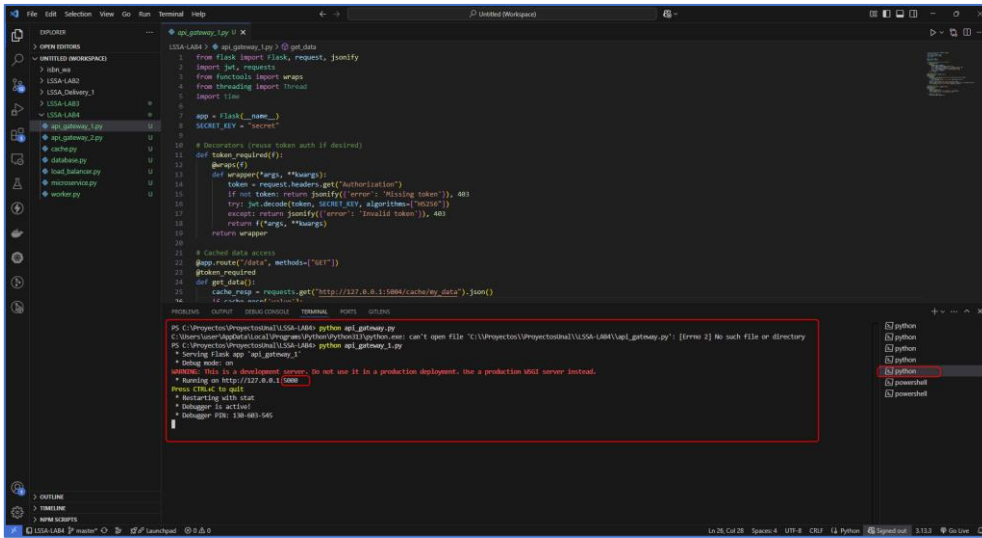
- Pasos 1 al 6 creación de archivos {load_balancer.py, cache.py, api_gateway.py (1 y 2), microservice.py, worker.py, database.py}:



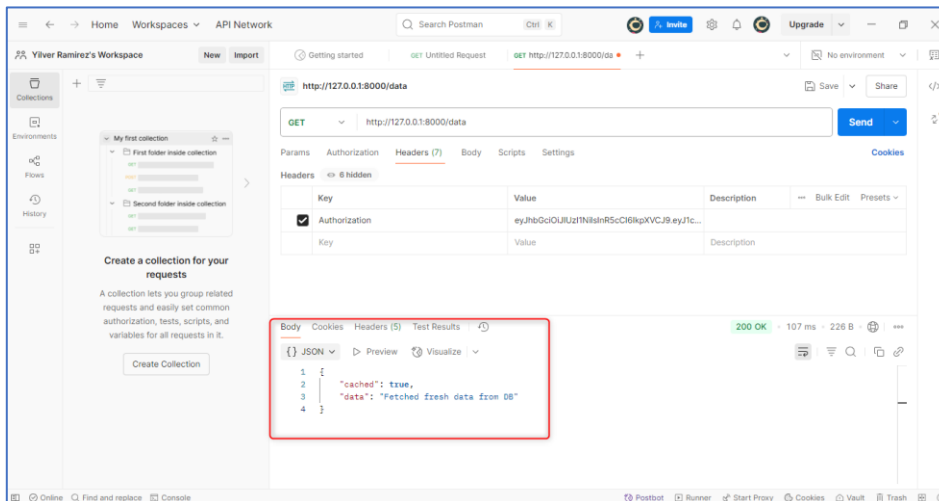
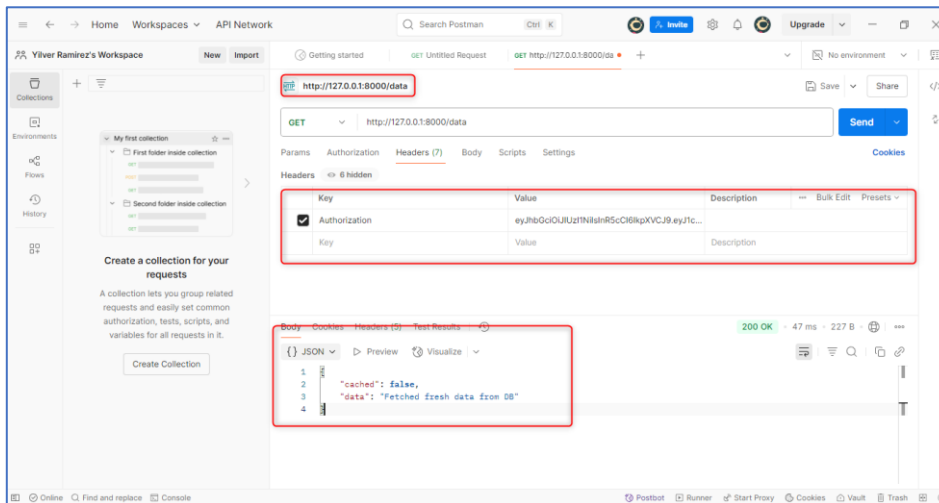
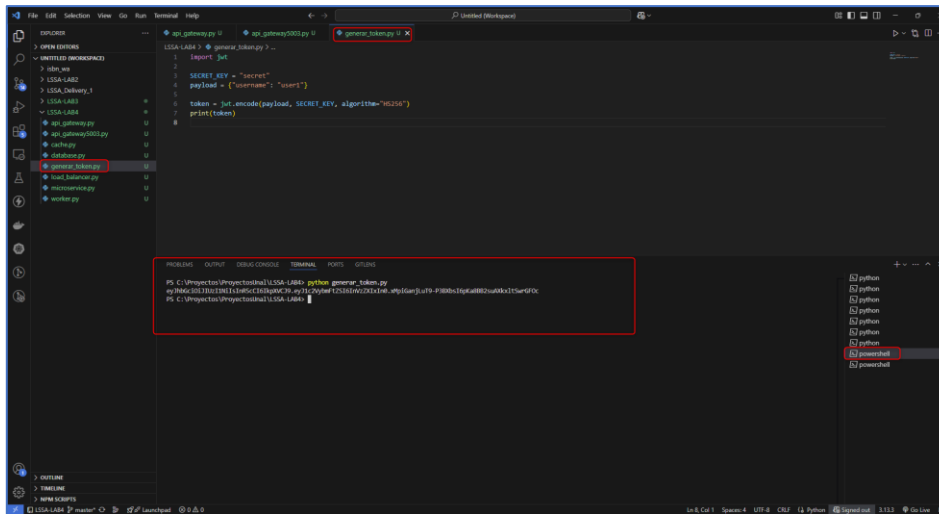
- Paso 7 – Arrancar todos los servicios en terminales separadas:







- Generar Token y procesar en postman: Se creó un archivo para generar el token correctamente y luego se toma el token para usar en postman.



- Access /data multiple times: `curl -X GET http://127.0.0.1:8000/data`

The screenshot shows a VS Code editor with a terminal window. The terminal displays the following commands and outputs:

```

PS C:\Proyectos\ProyectosInal\USSA-LAB4> curl.exe -X GET http://127.0.0.1:8000/data -H "X-Token: ey1..."
<doctype html>
<html lang=es>
<title>Redireccioning...</title>
<h1>Redireccioning...</h1>
<p>You should be redirected automatically to the target URL: <a href="http://127.0.0.1:5000/data">http://127.0.0.1:5000/data/</a>. If not, click the link.
PS C:\Proyectos\ProyectosInal\USSA-LAB4> curl.exe -X GET http://127.0.0.1:8000/data -H "X-Token: ey1..."
<doctype html>
<html lang=es>
<title>Redireccioning...</title>
<h1>Redireccioning...</h1>
<p>You should be redirected automatically to the target URL: <a href="http://127.0.0.1:5000/data">http://127.0.0.1:5000/data/</a>. If not, click the link.
PS C:\Proyectos\ProyectosInal\USSA-LAB4> curl.exe -X GET http://127.0.0.1:8000/data -H "X-Token: ey1..."
<doctype html>
<html lang=es>
<title>Redireccioning...</title>
<h1>Redireccioning...</h1>
<p>You should be redirected automatically to the target URL: <a href="http://127.0.0.1:5000/data">http://127.0.0.1:5000/data/</a>. If not, click the link.
PS C:\Proyectos\ProyectosInal\USSA-LAB4> curl.exe -X GET http://127.0.0.1:8000/data -H "X-Token: ey1..."
<doctype html>
<html lang=es>
<title>Redireccioning...</title>
<h1>Redireccioning...</h1>
<p>You should be redirected automatically to the target URL: <a href="http://127.0.0.1:5000/data">http://127.0.0.1:5000/data/</a>. If not, click the link.
PS C:\Proyectos\ProyectosInal\USSA-LAB4> curl.exe -X GET http://127.0.0.1:8000/data -H "X-Token: ey1..."
<doctype html>
<html lang=es>
<title>Redireccioning...</title>
<h1>Redireccioning...</h1>
<p>You should be redirected automatically to the target URL: <a href="http://127.0.0.1:5000/data">http://127.0.0.1:5000/data/</a>. If not, click the link.
PS C:\Proyectos\ProyectosInal\USSA-LAB4> curl.exe -X GET http://127.0.0.1:8000/data -H "X-Token: ey1..."
<doctype html>
<html lang=es>
<title>Redireccioning...</title>
<h1>Redireccioning...</h1>
<p>You should be redirected automatically to the target URL: <a href="http://127.0.0.1:5000/data">http://127.0.0.1:5000/data/</a>. If not, click the link.
PS C:\Proyectos\ProyectosInal\USSA-LAB4>

```

- Trigger async job: `curl -X POST -H "Content-Type: application/json" -d '{"task": "report"}' http://127.0.0.1:8000/longtask`

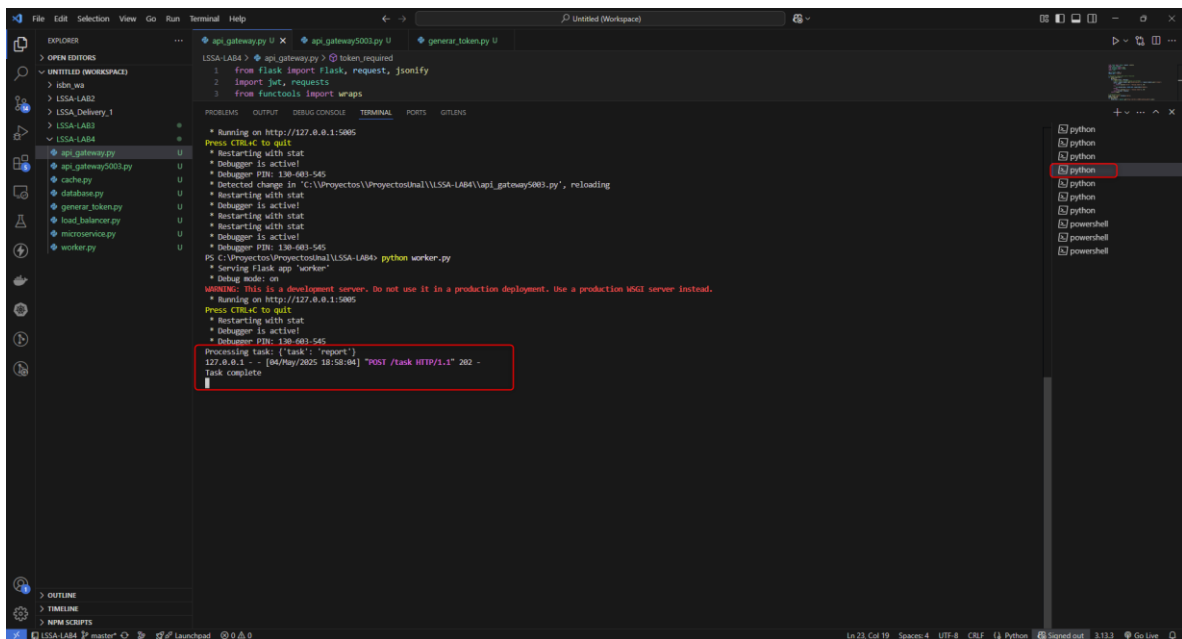
The screenshot shows a Windows command prompt with the following command and output:

```

C:\Users\User> curl.exe -L -X POST http://127.0.0.1:8000/longtask -H "Content-Type: application/json" -H "X-Token: ey3hbGc10i1IUzI1N1IsInR5cCI6IkpXVCJ9.eyJ1c2VybWZtZSI6IjVzZXI6In0uXm1pIGFhbnQ8882suAXxltSurGFoc" -d '{"task": "report"}'
{"status": "Task queued"}
C:\Users\User>

```

- Check terminal logs in the worker



- Nuevo microservicio para cargas pesadas:

