Yes, absolutely! You can create a full proxy server setup using a shell script - this is a great idea for a project.

The shell script can:

Install Squid

Set up the configuration (even auto-generate it)

Add ACLs for blocking sites

Restart services

And even output instructions for the user

Example Shell Script to Set Up a Basic Squid Proxy with Site Blocking:

```
#!/bin/bash

echo "===== Installing Squid Proxy ====="
sudo apt update
sudo apt install -y squid

echo "===== Backing up original config ====="
sudo cp /etc/squid/squid.conf /etc/squid/squid.conf.backup

echo "===== Configuring Squid ====="
sudo bash -c 'cat > /etc/squid/squid.conf' <<EOL
http_port 3128
acl localnet src 192.168.0.0/16
acl blockedSites dstdomain .facebook.com .youtube.com
```

```
http_access deny blockedSites

http_access allow localnet

http_access allow localhost

http_access deny all

EOL


echo "===== Restarting Squid ====="

sudo systemctl restart squid


echo "===== Proxy setup complete! ====="
echo "Use your server IP with port 3128 as manual proxy in Chrome or browser settings."
echo "Blocked sites: Facebook and YouTube."
```

How to use:

1. Copy and save the script in a file, for example:

nano squid-setup.sh

2. Paste the script inside.

3. Make it executable:

chmod +x squid-setup.sh

4. Run it:

./squid-setup.sh

Bonus ideas for your project:

- Add dynamic input prompts (ask user: "Which sites do you want to block?").

- Add option to choose custom ports.

- Add a log viewer option.

- Add option to uninstall or reset Squid.

If you want, I can help you make a full-featured interactive shell script for your project. Should I build that for you?