**INTERNSCTL**

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**SECTION -A**

**#!/bin/bash**

**display\_version() {**

**echo "internsctl version v0.1.0"**

**}**

**create\_user() {**

**if [ -z "$2" ]; then**

**echo "Error: Username not provided. Usage: internsctl user create <username>"**

**exit 1**

**fi**

**username=$2**

**useradd -m -s /bin/bash "$username"**

**passwd "$username"**

**echo "User $username created successfully."**

**}**

**list\_users() {**

**getent passwd | cut -d: -f1**

**}**

**list\_sudo\_users() {**

**getent passwd | awk -F: '$3 == 0 {print $1}'**

**}**

**# Main script logic**

**case "$1" in**

**-h|--help)**

**echo "Usage: internsctl [options]"**

**echo "Options:"**

**echo " -v, --version Display the version of internsctl"**

**echo " -u, --user <subcommand> User management commands:"**

**echo " create <username> - Create a new user"**

**echo " list - List all regular users"**

**echo " list --sudo-only - List users with sudo permissions"**

**;;**

**-v|--version)**

**display\_version**

**;;**

**-u|--user)**

**case "$2" in**

**create)**

**create\_user "$@"**

**;;**

**list)**

**list\_users**

**;;**

**list-sudo|--list-sudo|--sudo-list|--sudo-only)**

**list\_sudo\_users**

**;;**

**\*)**

**echo "Error: Invalid subcommand. Use 'internsctl --help' for usage information."**

**exit 1**

**;;**

**esac**

**;;**

**\*)**

**echo "Error: Invalid option. Use 'internsctl --help' for usage information."**

**exit 1**

**;;**

**esac**

**SECTION- B**

#!/bin/bash

display\_version() {

echo "internsctl version v0.1.0"

}

create\_user() {

if [ -z "$2" ]; then

echo "Error: Username not provided. Usage: internsctl user create <username>"

exit 1

fi

username=$2

useradd -m -s /bin/bash "$username"

passwd "$username"

echo "User $username created successfully."

}

list\_users() {

getent passwd | cut -d: -f1

}

list\_sudo\_users() {

getent passwd | awk -F: '$3 == 0 {print $1}'

}

# Main script logic

case "$1" in

-h|--help)

echo "Usage: internsctl [options]"

echo "Options:"

echo " -v, --version Display the version of internsctl"

echo " -u, --user <subcommand> User management commands:"

echo " create <username> - Create a new user"

echo " list - List all regular users"

echo " list --sudo-only - List users with sudo permissions"

;;

-v|--version)

display\_version

;;

-u|--user)

case "$2" in

create)

create\_user "$@"

;;

list)

list\_users

;;

list-sudo|--list-sudo|--sudo-list|--sudo-only)

list\_sudo\_users

;;

\*)

echo "Error: Invalid subcommand. Use 'internsctl --help' for usage information."

exit 1

;;

esac

;;

\*)

echo "Error: Invalid option. Use 'internsctl --help' for usage information."

exit 1

;;

Esac

SECTION -C

#!/bin/bash

display\_version() {

echo "internsctl version v0.1.0"

}

get\_file\_info() {

if [ -z "$2" ]; then

echo "Error: File name not provided. Usage: internsctl file getinfo <file-name>"

exit 1

fi

filename=$2

if [ -e "$filename" ]; then

echo "File: $filename"

echo "Access: $(stat -c %A "$filename")"

echo "Size(B): $(stat -c %s "$filename")"

echo "Owner: $(stat -c %U "$filename")"

else

echo "Error: File '$filename' not found."

exit 1

fi

}

# Main script logic

case "$1" in

-h|--help)

echo "Usage: internsctl [options]"

echo "Options:"

echo " -v, --version Display the version of internsctl"

echo " -f, --file <subcommand> File management commands:"

echo " getinfo <file-name> - Get information about a file"

;;

-v|--version)

display\_version

;;

-f|--file)

case "$2" in

getinfo)

get\_file\_info "$@"

;;

\*)

echo "Error: Invalid subcommand. Use 'internsctl --help' for usage information."

exit 1

;;

esac

;;

\*)

echo "Error: Invalid option. Use 'internsctl --help' for usage information."

exit 1

;;

esac