

# Docker Case Study -

---

## Allocate Linux systems for users:

---

1. We create a shell script `create_containers.sh` to create docker containers with specific environment docker image for every user.
2. Run the shell script `user_containers.sh` and enter the `user.txt` which contains the username which helps in creating the container with those names.
3. This allows user to have their own allocated Linux system and have access only to the bash of their system.

## Monitoring the container

---

- We can monitor the containers live using the `monitor.sh` script.

## Automating deletion of the containers

---

- Automate the deletion using the `delete.sh` script.
- It takes the name of the container and deletes it.