**# TASK 2 User Account Setup and Configuration**

This guide outlines the steps to create and configure secure user accounts for **Sarah** and **Mike**, including isolated directories, password policies, and verification of settings.

**1. Create User Accounts**

**Add user accounts for Sarah and Mike:**

useradd -m -d /home/Sarah -s /bin/bash Sarah

passwd Sarah

useradd -m -d /home/mike -s /bin/bash mike

passwd mike

**2. Set Up Dedicated Directories**

**Create isolated working directories for each user:**

mkdir -p /home/Sarah/workspace

mkdir -p /home/mike/workspace

**Change ownership and permissions to ensure isolation:**

chown Sarah:Sarah /home/Sarah/workspace

chmod 700 /home/Sarah/workspace

chown mike:mike /home/mike/workspace

chmod 700 /home/mike/workspace

**3. Enforce a Password Policy**

**Install the required package:**

apt install libpam-pwquality -y

**Configure password complexity in /etc/security/pwquality.conf:**

minlen = 12

dcredit = -1

ucredit = -1

ocredit = -1

lcredit = -1

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**Enforce password expiration:**

chage -M 30 Sarah

chage -M 30 mike

**4. Verify Configuration**

**Test login for both users:**

su - Sarah

**Check permissions for their directories:**

ls -ld /home/Sarah/workspace /home/mike/workspace

**Verify password policy enforcement:**

passwd --status Sarah

passwd --status mike

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**Summary**

This guide ensures:

* Secure user account creation.
* Isolated workspaces for Sarah and Mike.
* Strong password policies and regular expiration.
* Proper verification of configurations.