ANNEX A · USERS AND GROUPS ON WINDOWS

Name: _____ **Date:** _____

Work in `win11`, signed in with your own account. Lab password for every new account: `tramuntana`.

LAB A **With the mouse (20 min).**

A1 Press Win + R, type `winver`. Edition: _____ Version: _____

A2 Create **marta** in Settings → Accounts → Other users → Add account → I don't have this person's sign-in information → Add a user without a Microsoft account. Security questions: answer `lab`.

What does Windows write under her name? _____

A3 Press Win + R, type `lusrmgr.msc`. (Windows 11 Home: this console does not exist. Create joan as in A2 and go to A5; you will make the groups in Lab C.)

Users → right-click → New User… → **joan**. Untick User must change password at next logon.

Groups → right-click → New Group… → **dev**, Add… → marta. Then group **design** with joan.

A4 Users → marta → Properties → Member Of. Her groups: _____

A5 Open File Explorer → `C:\Users`. Is there a folder `marta`? _____ Why? _____

DONE WHEN marta and joan appear in Settings → Accounts → Other users.

LAB B **Meet UAC (15 min).**

B1 Open Terminal the normal way. Run `net user test1 /add`. Answer: _____

B2 Run `whoami /groups`. In the line `BUILTIN\Administrators`, the attributes say: _____

The last line (Mandatory Label) says: _____

B3 Right-click Start → **Terminal (Admin)**. What does the screen do? _____

What does the window ask? _____

Run `whoami /groups` again here. Administrators: _____ Label: _____

B4 Sign out. Sign in as **marta**. Right-click Start → Terminal (Admin). What does the window ask **now**?

_____

Press **No**. Sign out of marta and back into your own account.

B5 Start → type `UAC` → Change User Account Control settings. How many positions has the slider?

_____ Which is the default? _____ **Change nothing.**

DONE WHEN you can explain why B1 failed although you are an administrator.

LAB C **With commands, in Terminal (Admin) (22 min).**

C1 List the accounts, then create **aina**. The `*` makes Windows ask for the password.

```
net user
net user aina * /add
```

Two accounts you did not create: _____

C2 Create the group `admin` (the administration department) and put aina in it.

```
net localgroup admin /add
net localgroup admin aina /add
```

C3 Run `net user aina`. Local Group Memberships: _____

C4 Now PowerShell. Create **pau**:

```
$pw = Read-Host -AsSecureString "Password"
New-LocalUser -Name pau -Password $pw -FullName "Pau (intern)"
```

Press Win + L and look at the sign-in screen. Is pau there? _____

C5 Put pau in `Users` and in `dev`. (Home edition: first `New-LocalGroup -Name dev` and `New-LocalGroup -Name design`, and add marta and joan too.)

```
Add-LocalGroupMember -Group Users -Member pau
Add-LocalGroupMember -Group dev -Member pau
Get-LocalGroupMember -Group dev
```

Is pau on the sign-in screen now? _____ Members of `dev`: _____

C6 Run `Get-LocalUser | Select-Object Name, Enabled, SID`.

Last number of Administrator's SID: _____ Is it enabled? _____ Last number of marta's SID: ___

C7 Aina is on leave: `Disable-LocalUser -Name aina`. Check with `Get-LocalUser aina`. Then `Enable-LocalUser -Name aina`.

C8 Create `temp` with `net user`, delete it with `Remove-LocalUser -Name temp`.

DONE WHEN `Get-LocalUser` lists marta, joan, aina and pau as enabled, and no `temp`; `net localgroup dev` lists marta and pau.

EXIT TICKET **Alone. Tick one answer.**

1. What does Windows use, like the UID on Linux, to identify an account?

- ☐ a) the user name
- ☐ b) the SID
- ☐ c) the password
- ☐ d) the home folder

2. You are in Administrators. In a normal Terminal, `net user x /add` answers `Access is denied`. Why?

- ☐ a) the command is wrong
- ☐ b) the account is disabled
- ☐ c) programs start with your standard token until you elevate
- ☐ d) `net` needs PowerShell 7

3. A standard user starts something that needs elevation. UAC shows:

- ☐ a) a prompt asking for an administrator's password
- ☐ b) a Yes / No question
- ☐ c) nothing: it just runs
- ☐ d) nothing: it is blocked for ever

4. Which tool is missing in Windows 11 Home?

- ☐ a) `net user`
- ☐ b) Settings → Accounts
- ☐ c) `New-LocalUser`
- ☐ d) `lusrmgr.msc`

5. You created `laia` with `New-LocalUser`. She is not on the sign-in screen. What is missing?

- ☐ a) a restart of the PC
- ☐ b) adding her to the group `Users`
- ☐ c) a Microsoft account
- ☐ d) a folder `C:\Users\laia`