

Git 특강

오정호 튜터

1. 깃은 무엇인가?

2. 깃허브 사용법

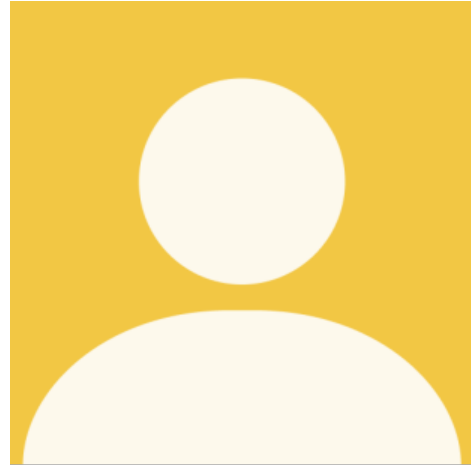
3. 충돌 발생 원인 / 회피 방법

4. 깃 플로우 전략

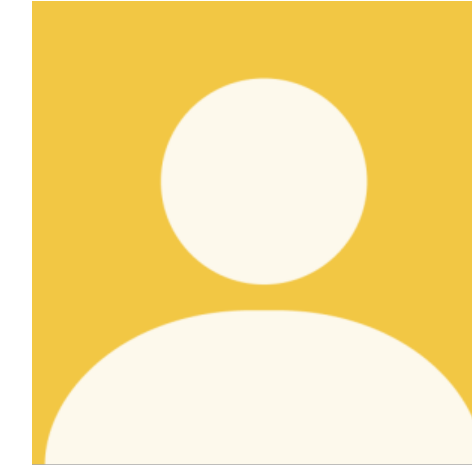
5. 깃 컨벤션

Git은 무엇인가?

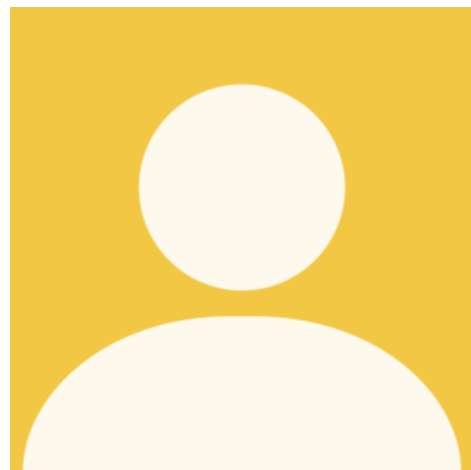
팀프로젝트



A



B

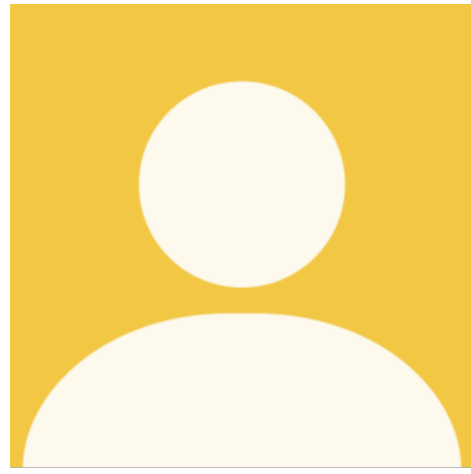


C

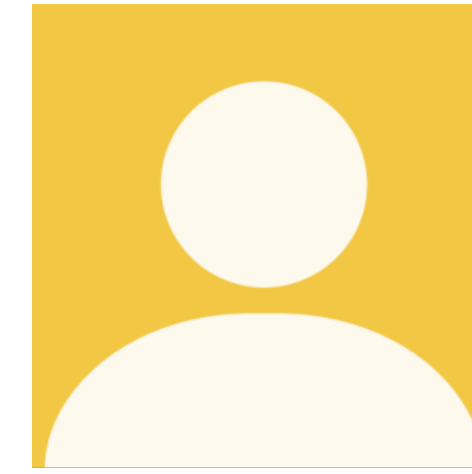


D

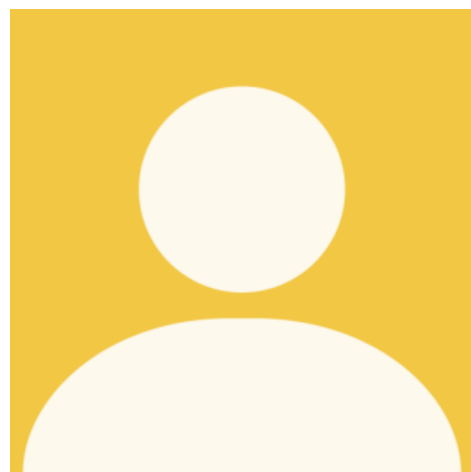
팀프로젝트



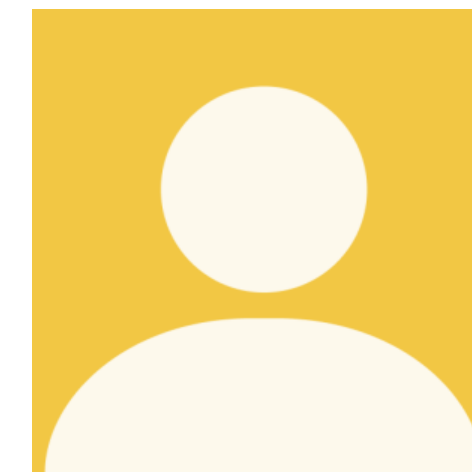
A



B

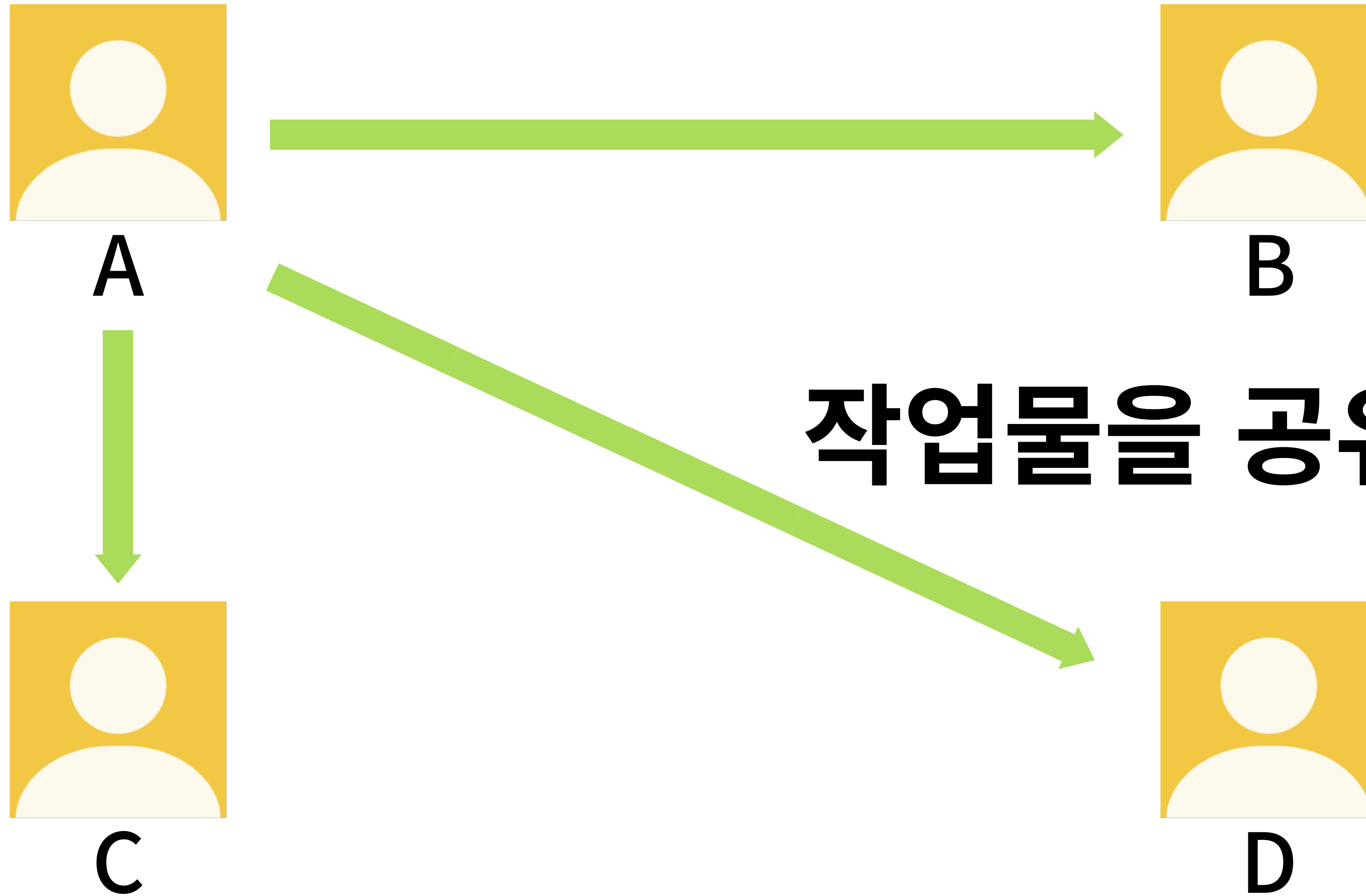


C

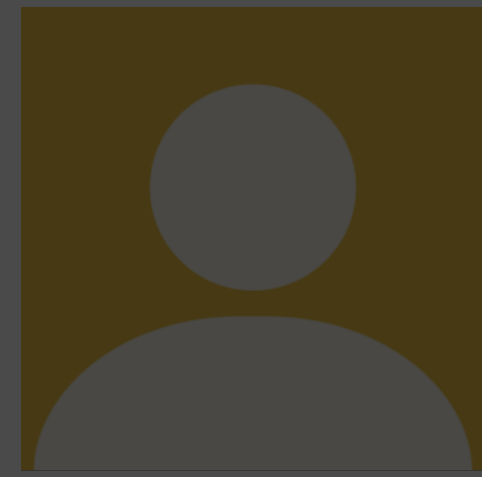


D

팀프로젝트

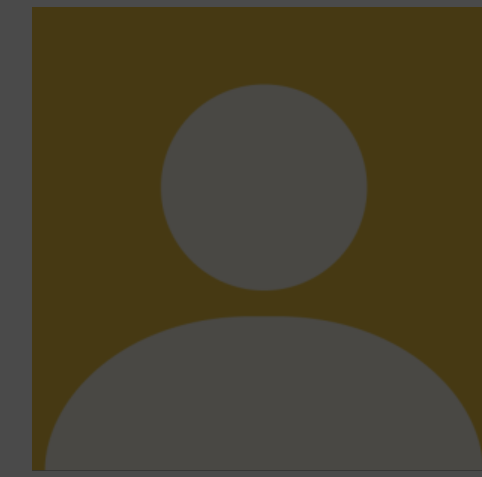


팀프로젝트



A

문제 1



B

A가 작업물 일부를 공유해야함

바쁘려고 공유할 수 있음



C



D

팀프로젝트



A

문제 2



B

전달 받은 사람들이 공유해야함

제대로 적용을 못할 수 있음



C

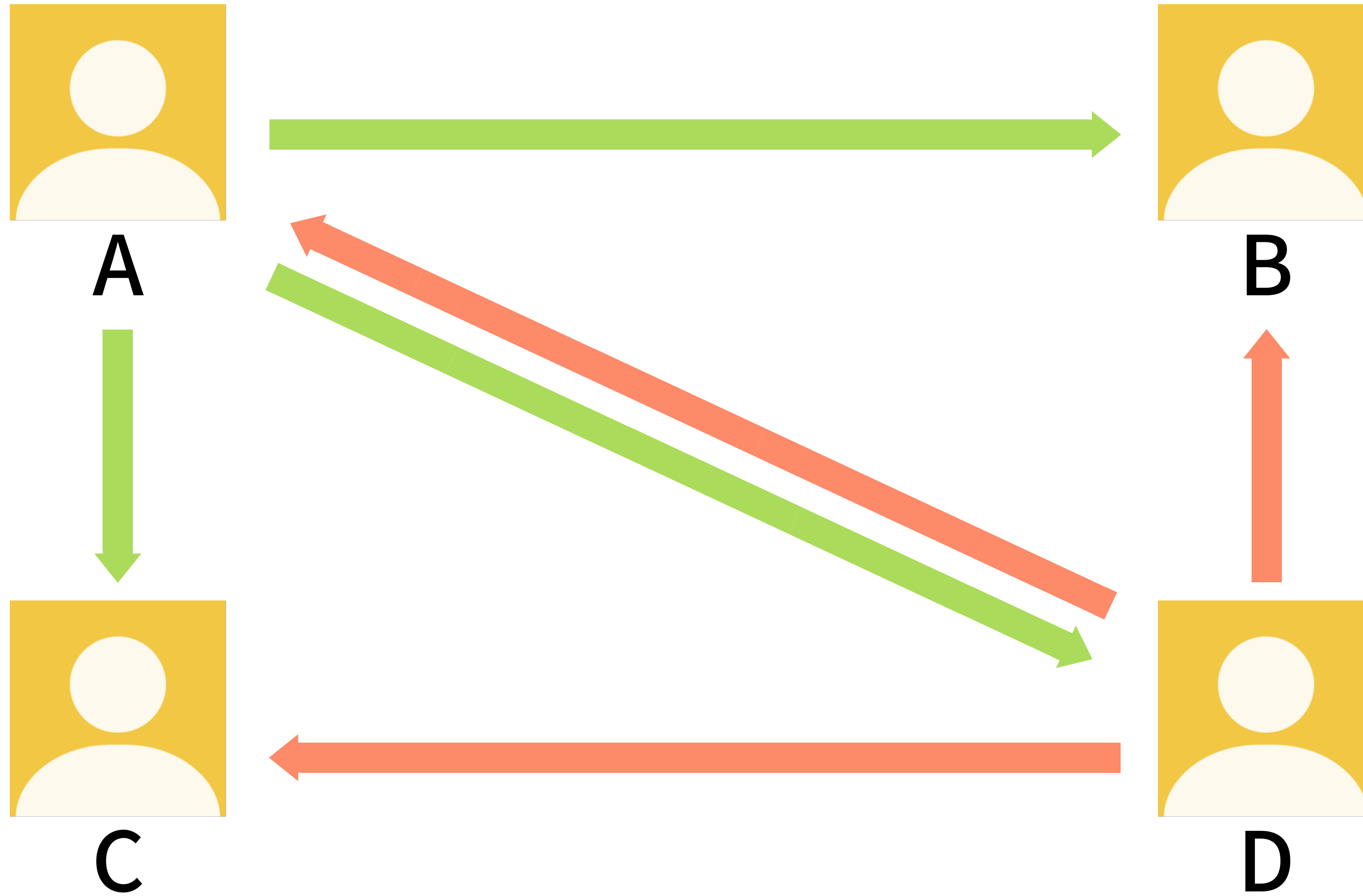


D

팀프로젝트



팀프로젝트



팀프로젝트

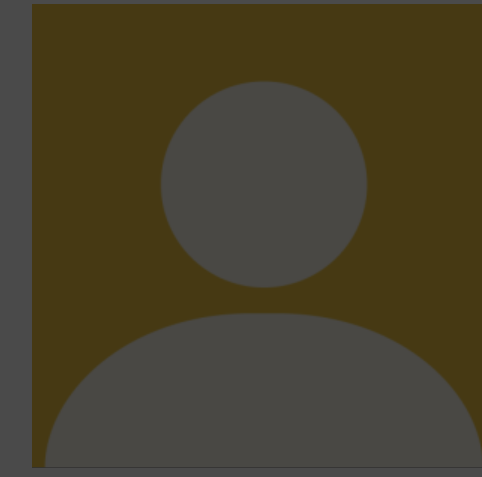
문제 3

D 작업물을 먼저 적용하고

A 작업물을 나중에 적용할 수도 있음



A



B

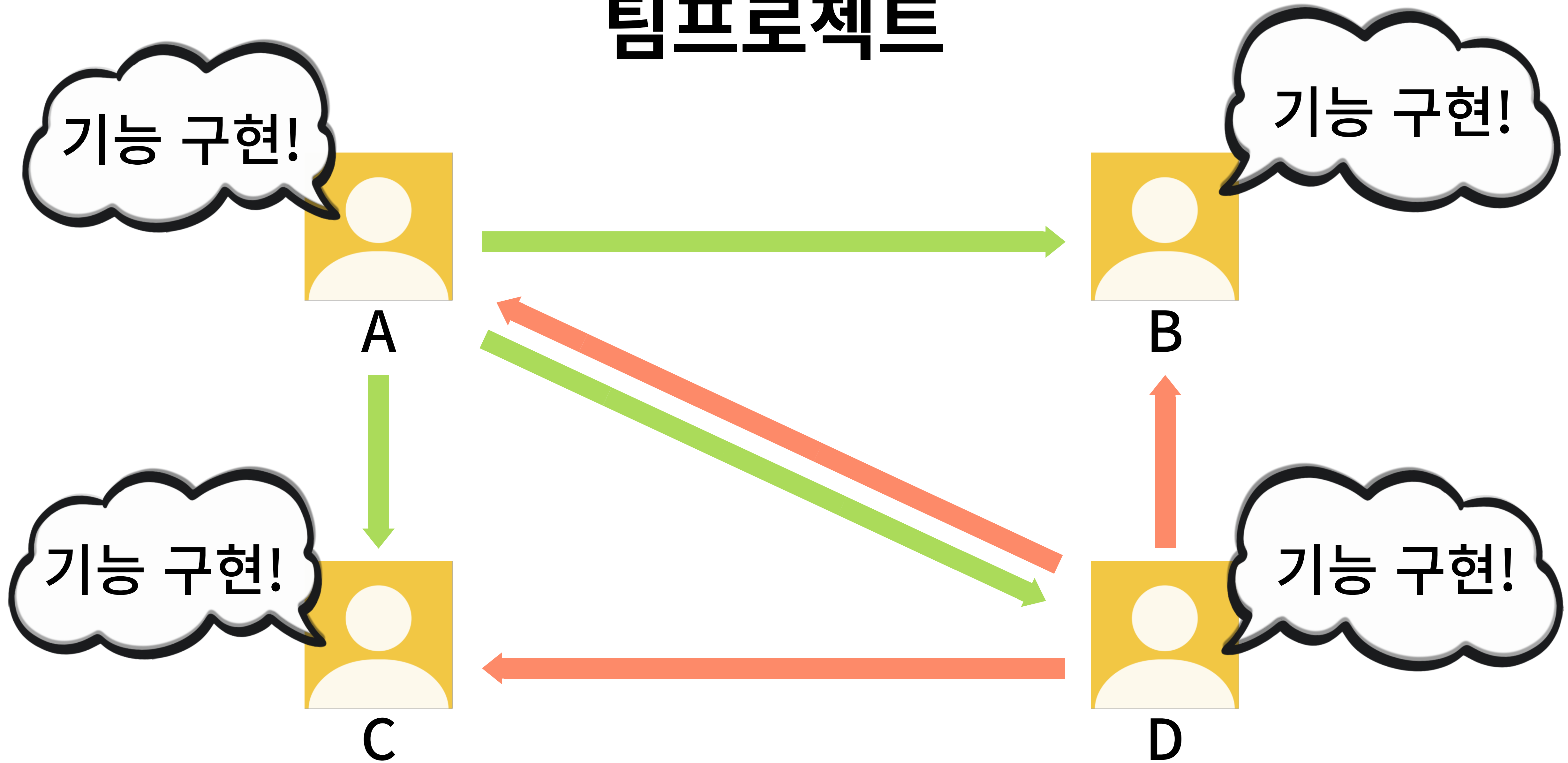


C



D

팀프로젝트



팀프로젝트

기능 구현!

기능 구현!



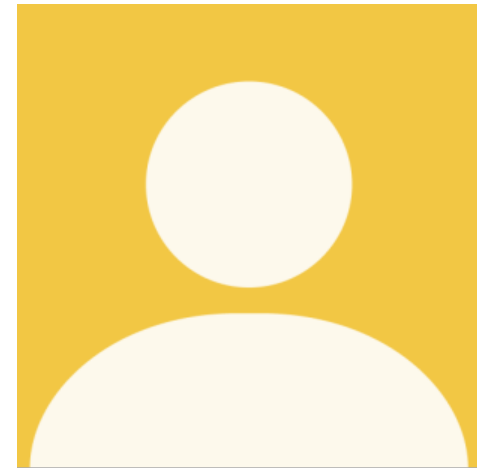
기능 구현!

기능 구현!

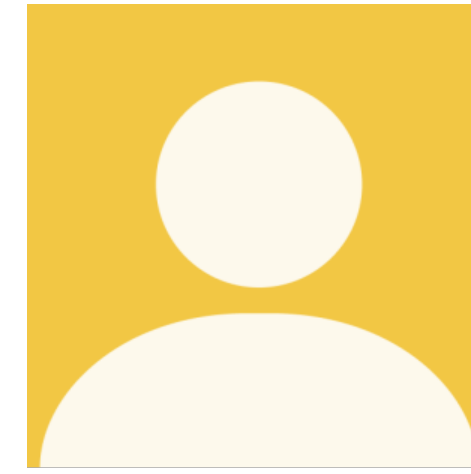
C

D

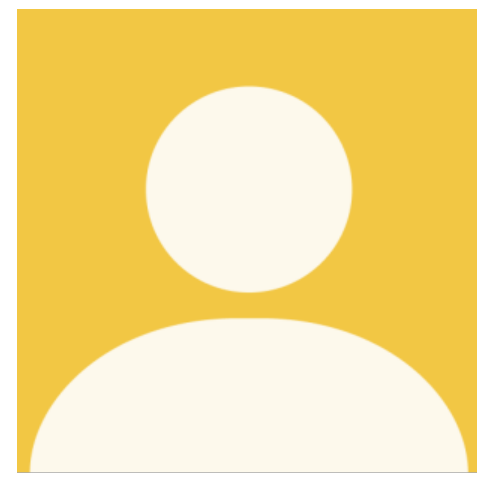
팀프로젝트



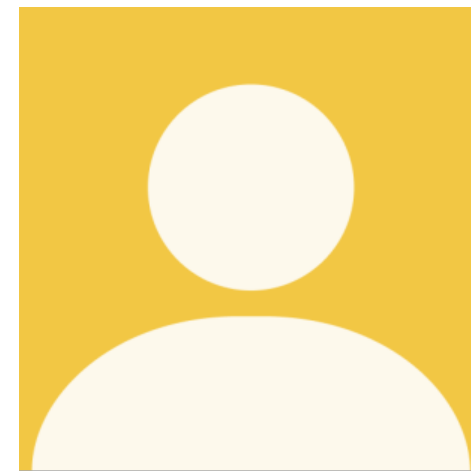
A



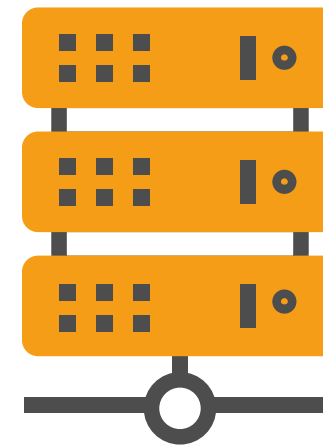
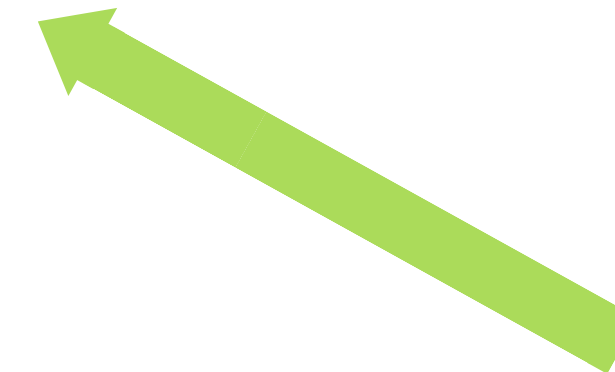
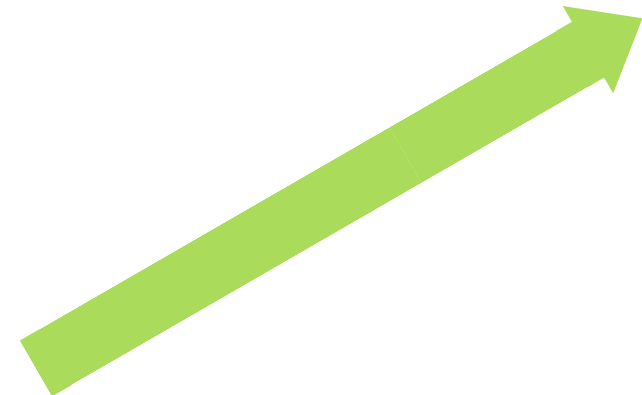
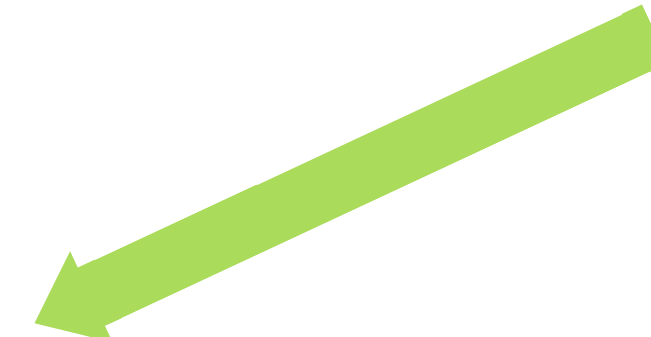
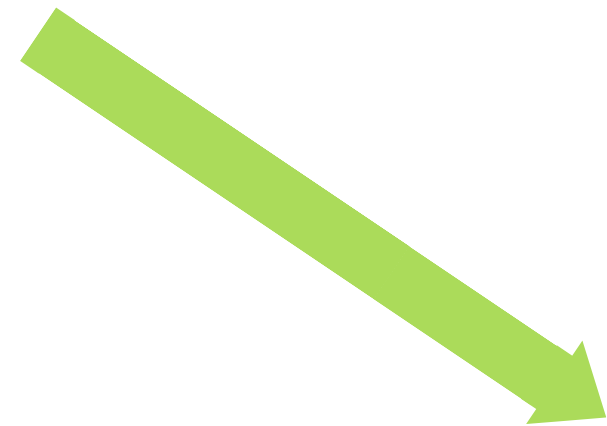
B



C

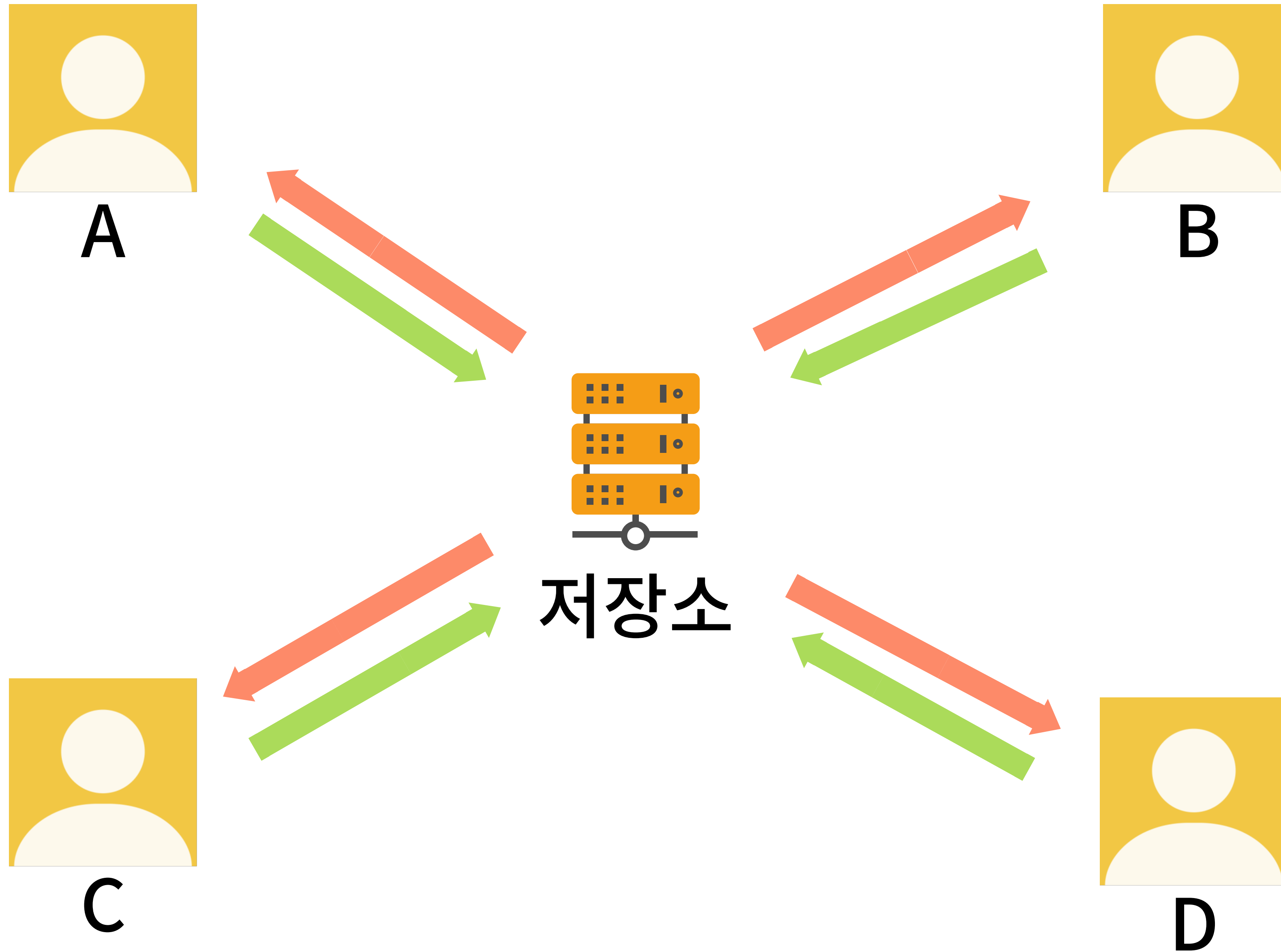


D

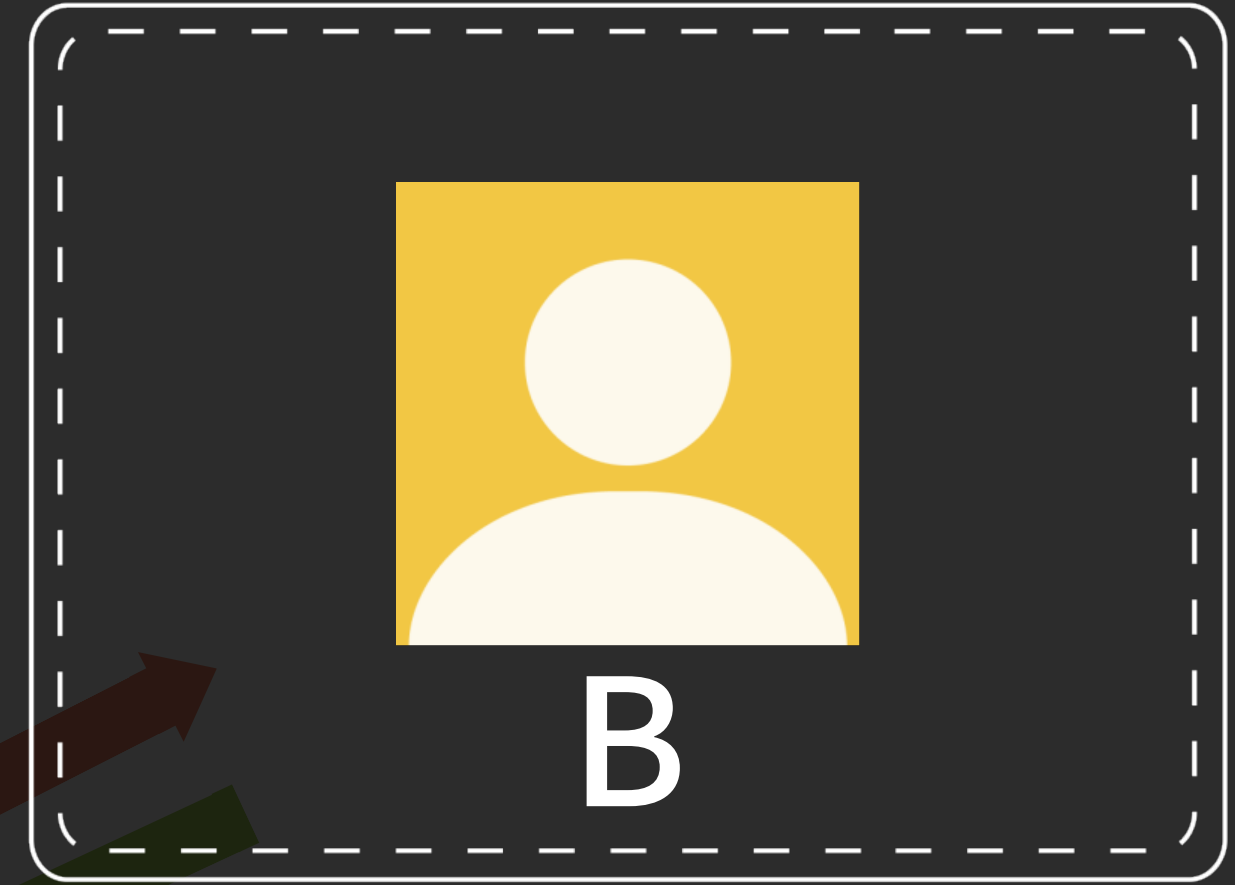
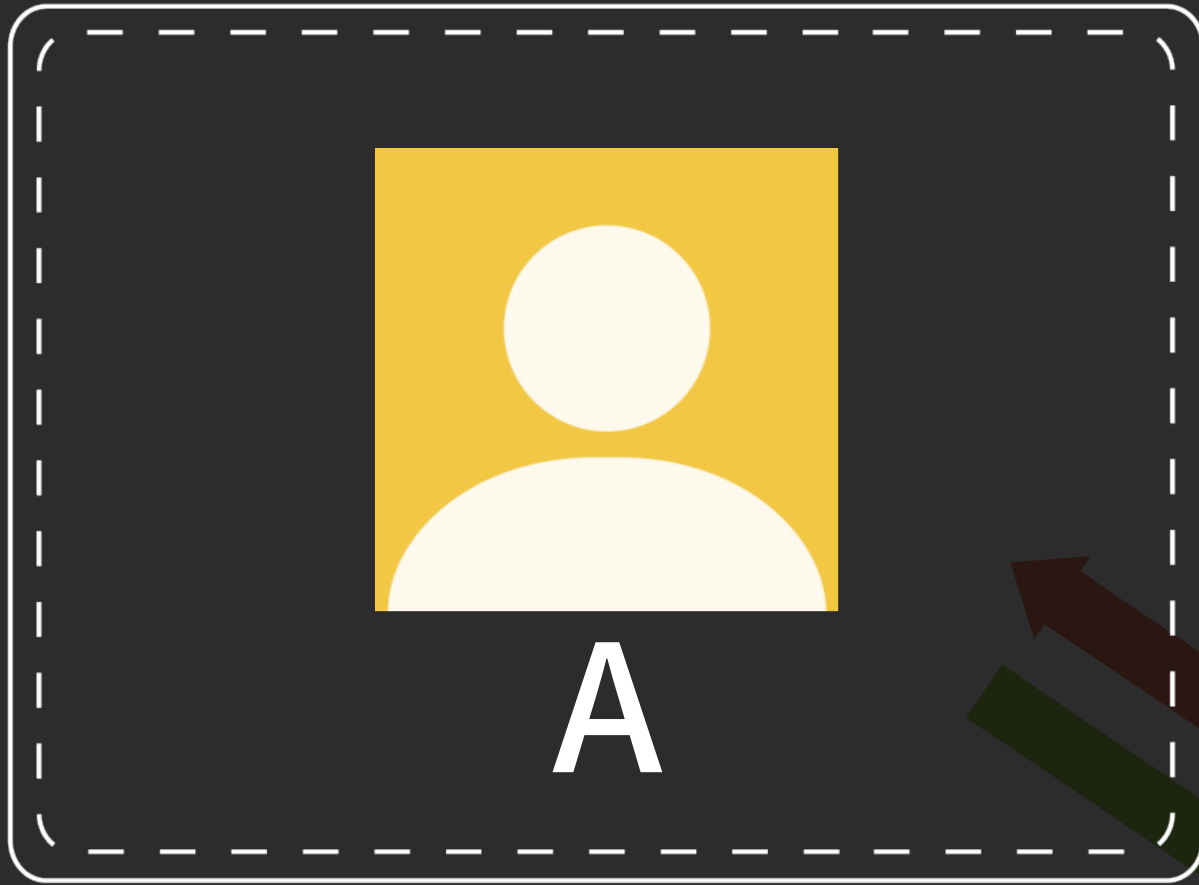


저장소

팀프로젝트

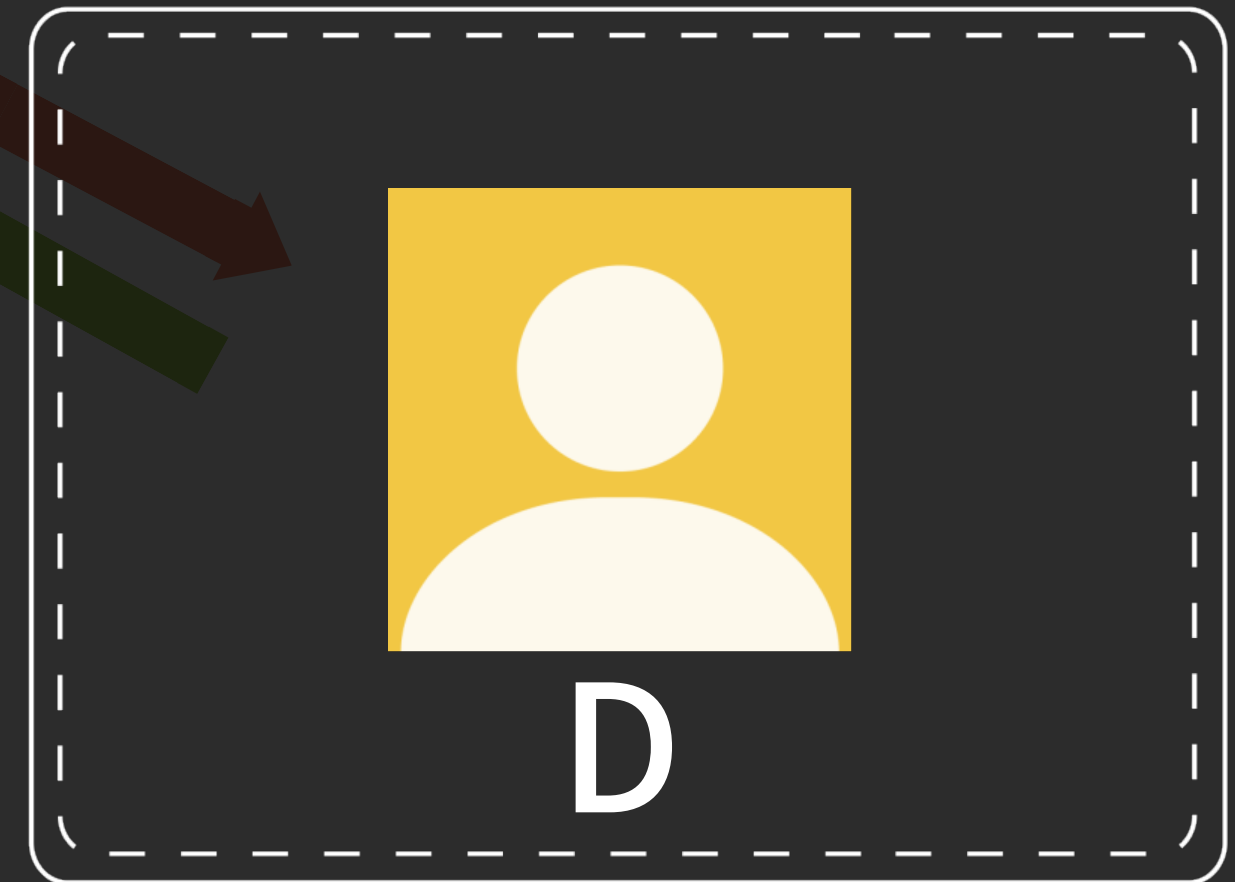
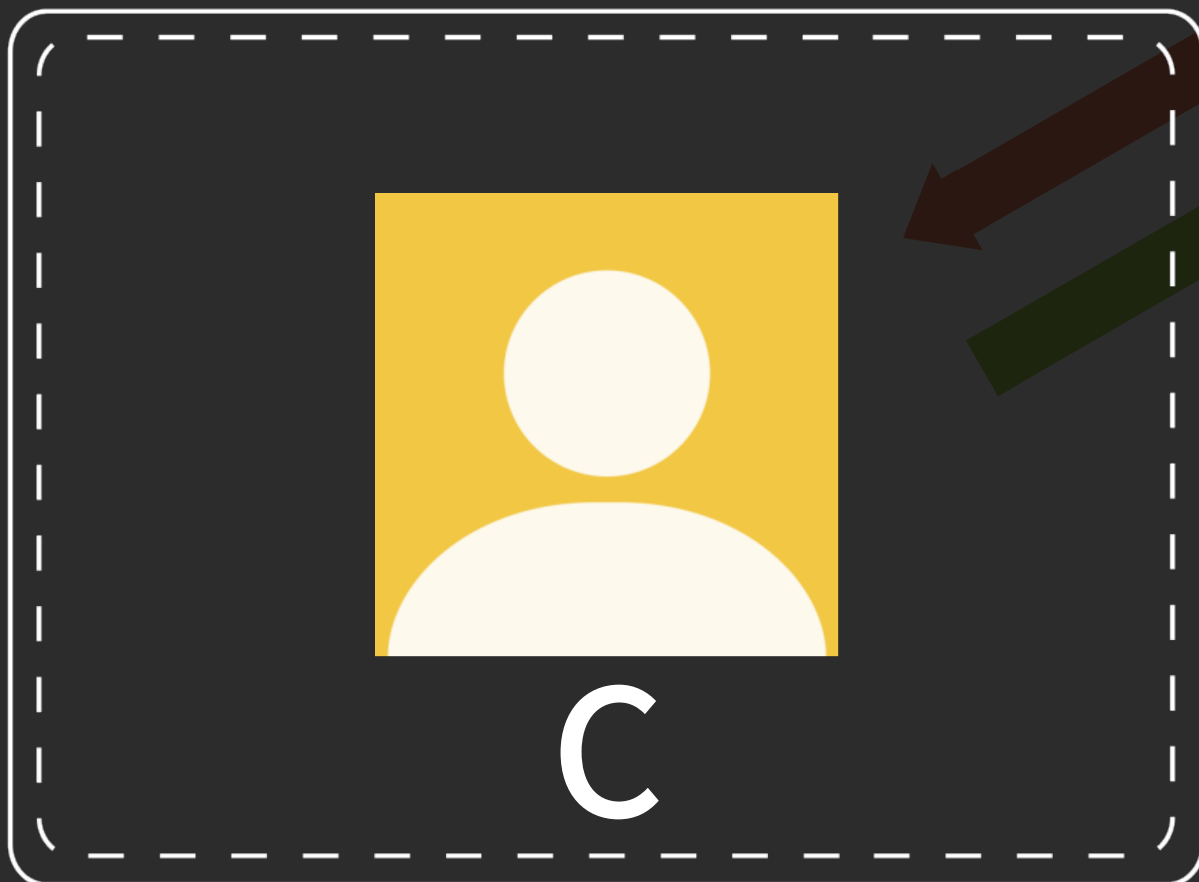


팀프로젝트



로컬(지역) 저장소
Local Repository

저장소

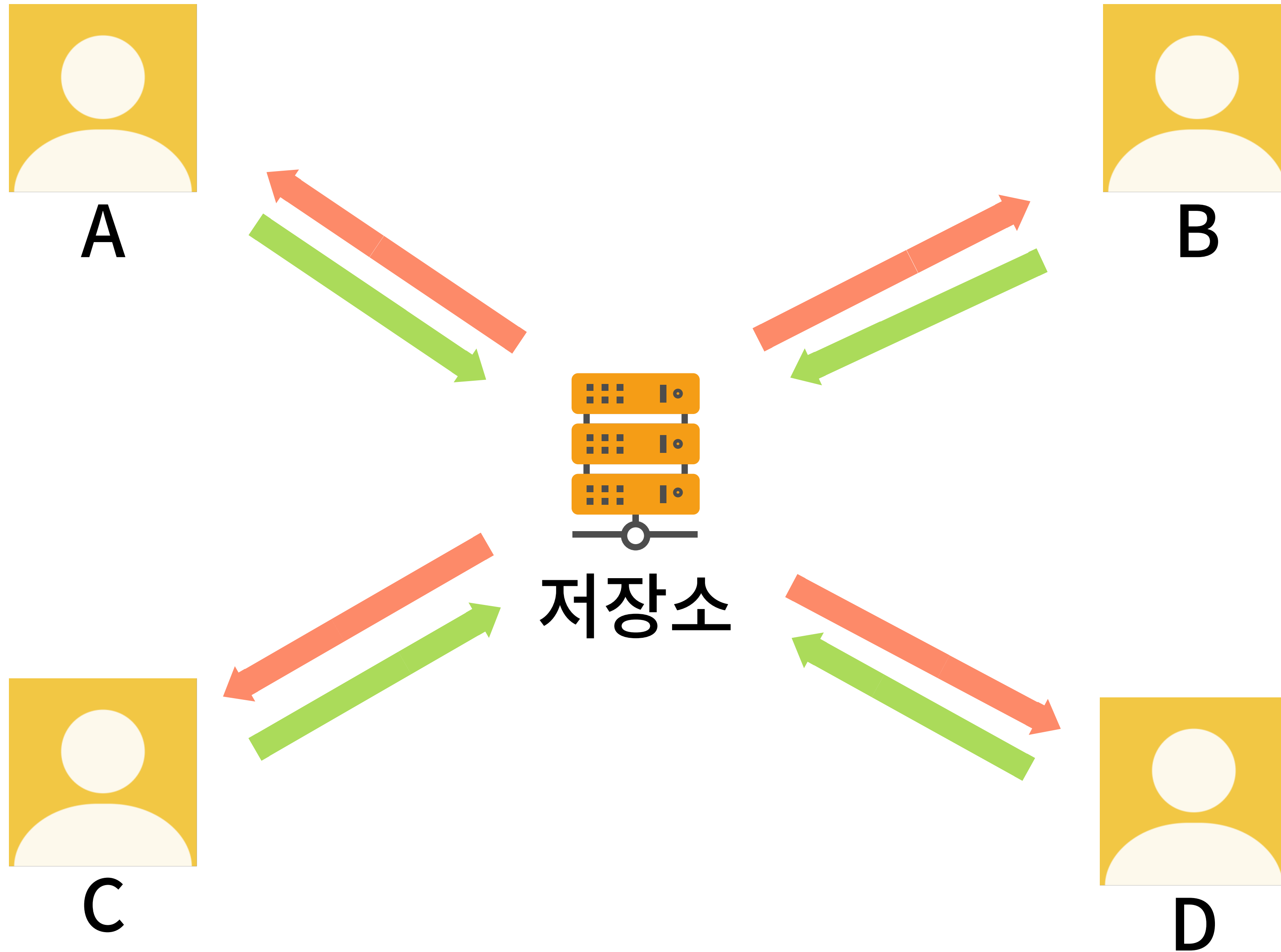


티프르제트 원격 저장소

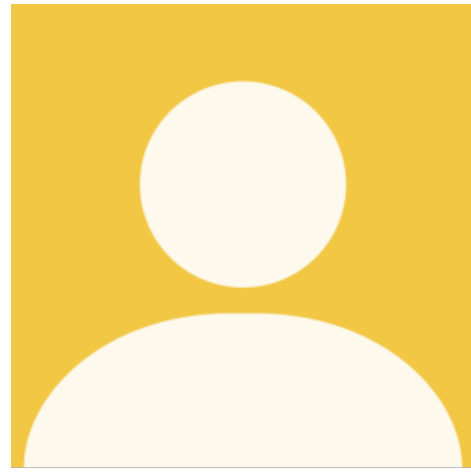
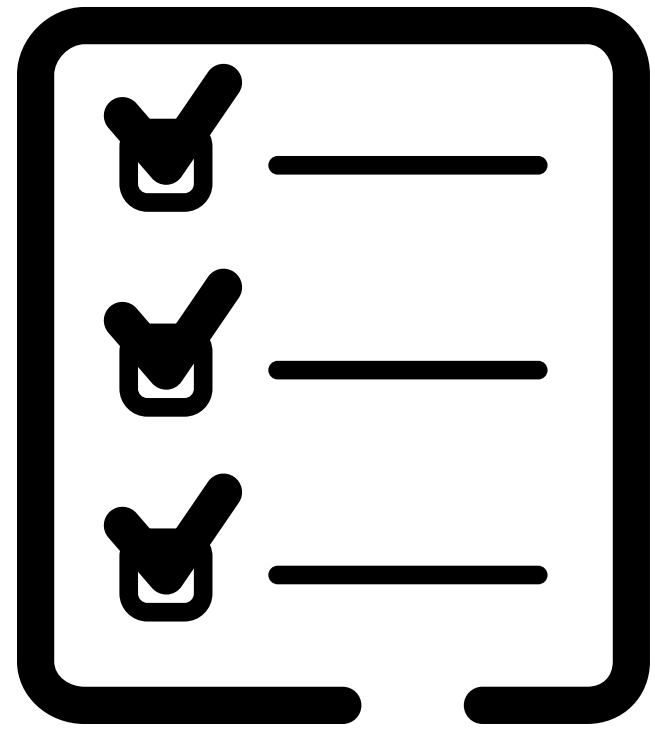
Remote Repository



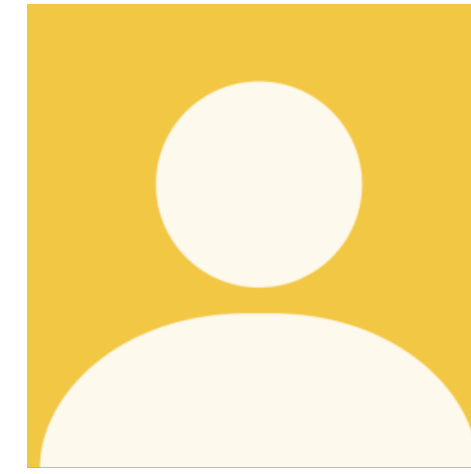
팀프로젝트



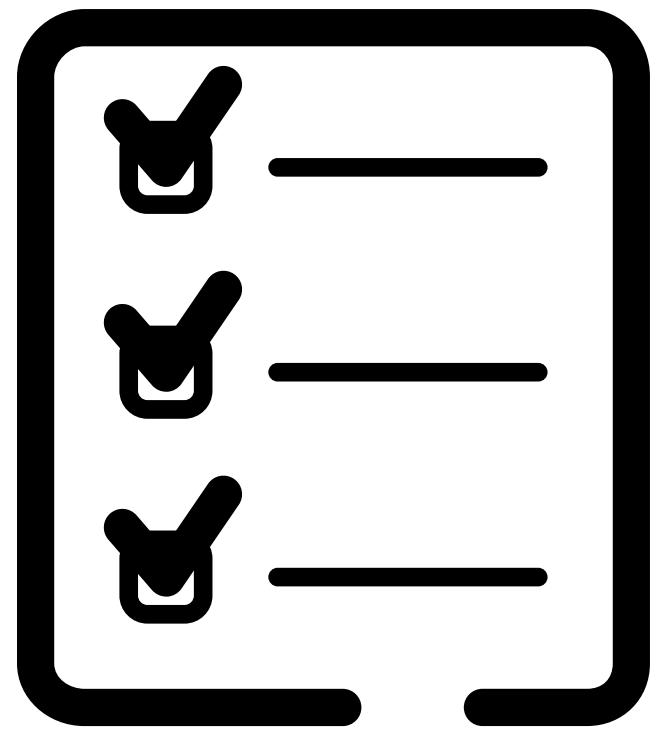
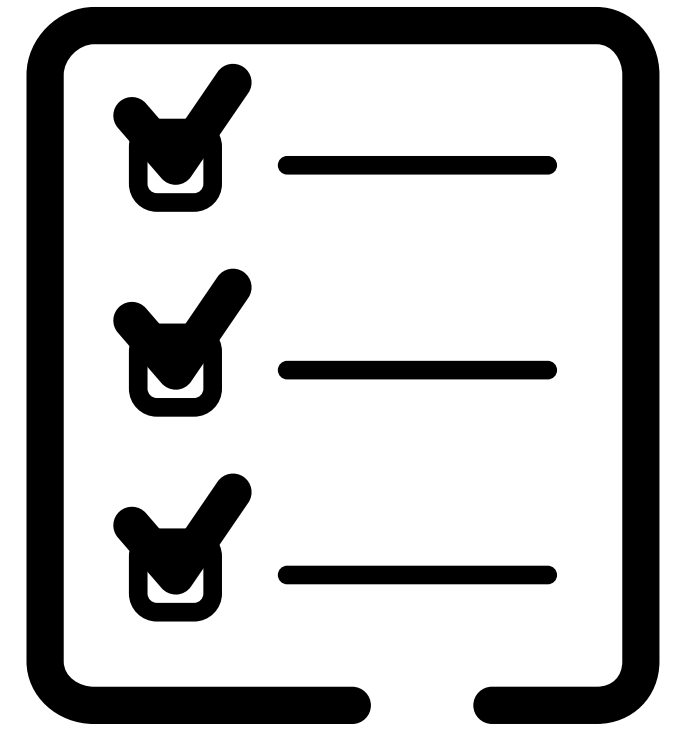
팀프로젝트



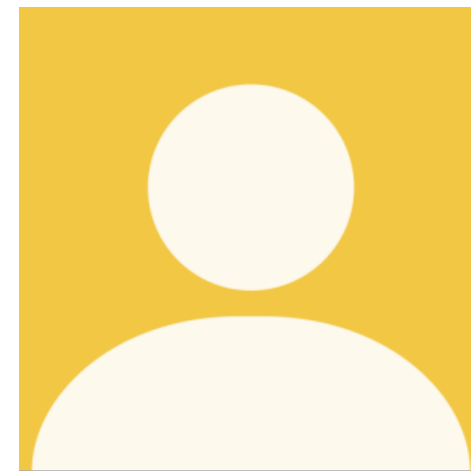
A



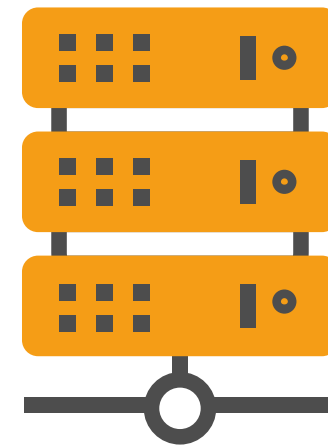
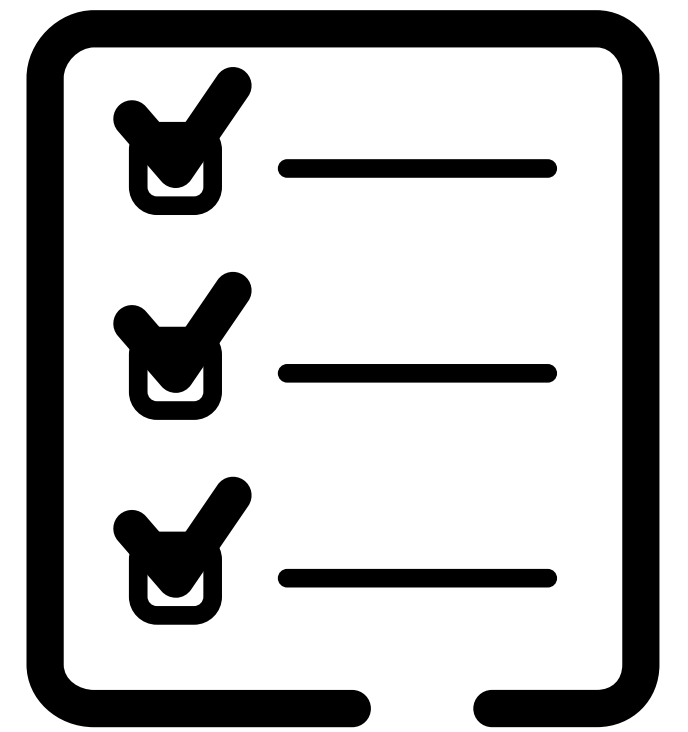
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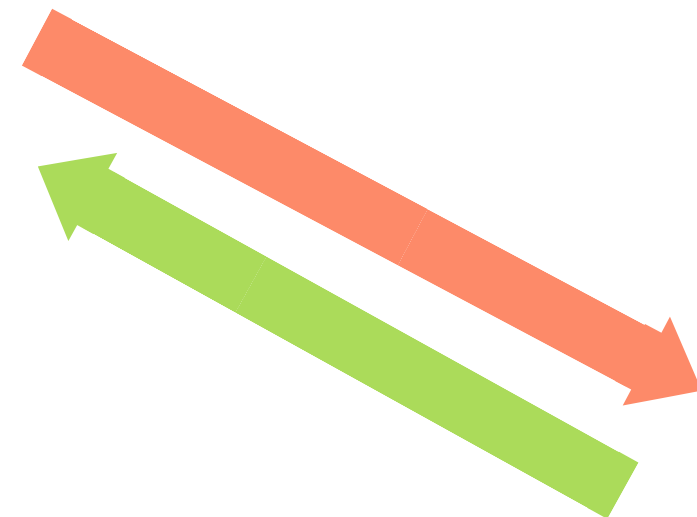
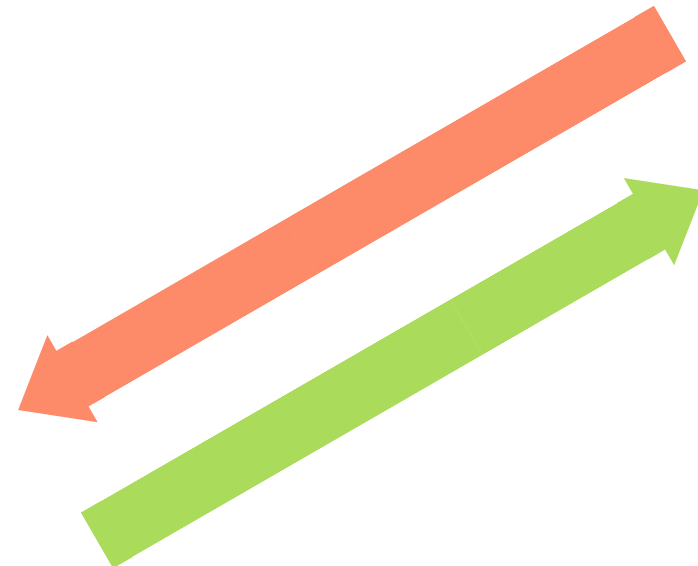
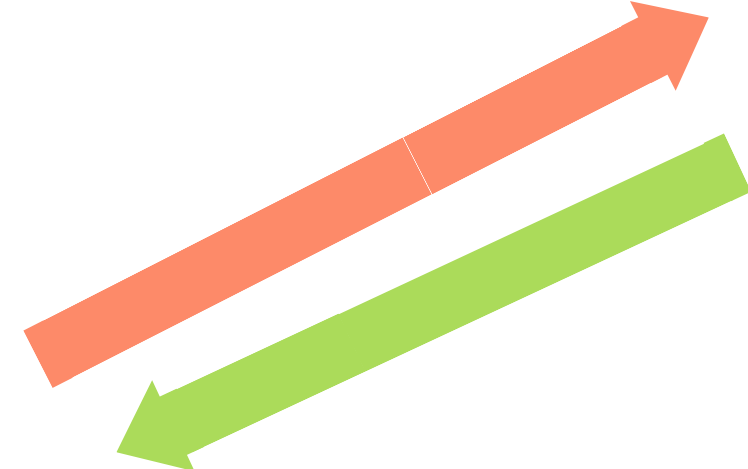
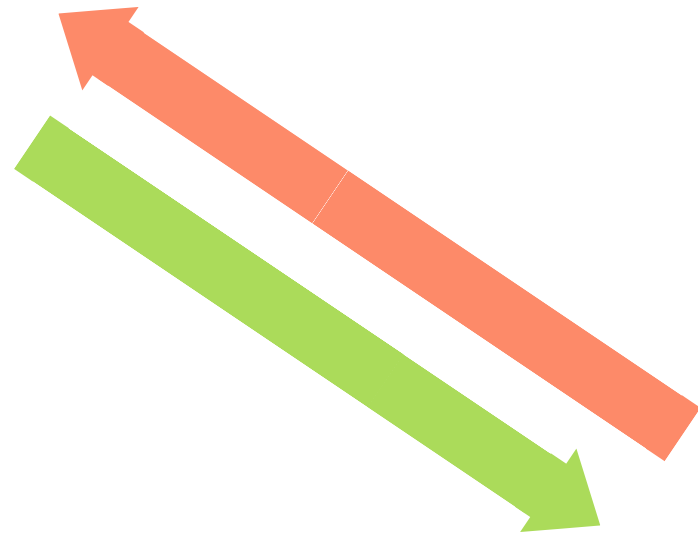
C



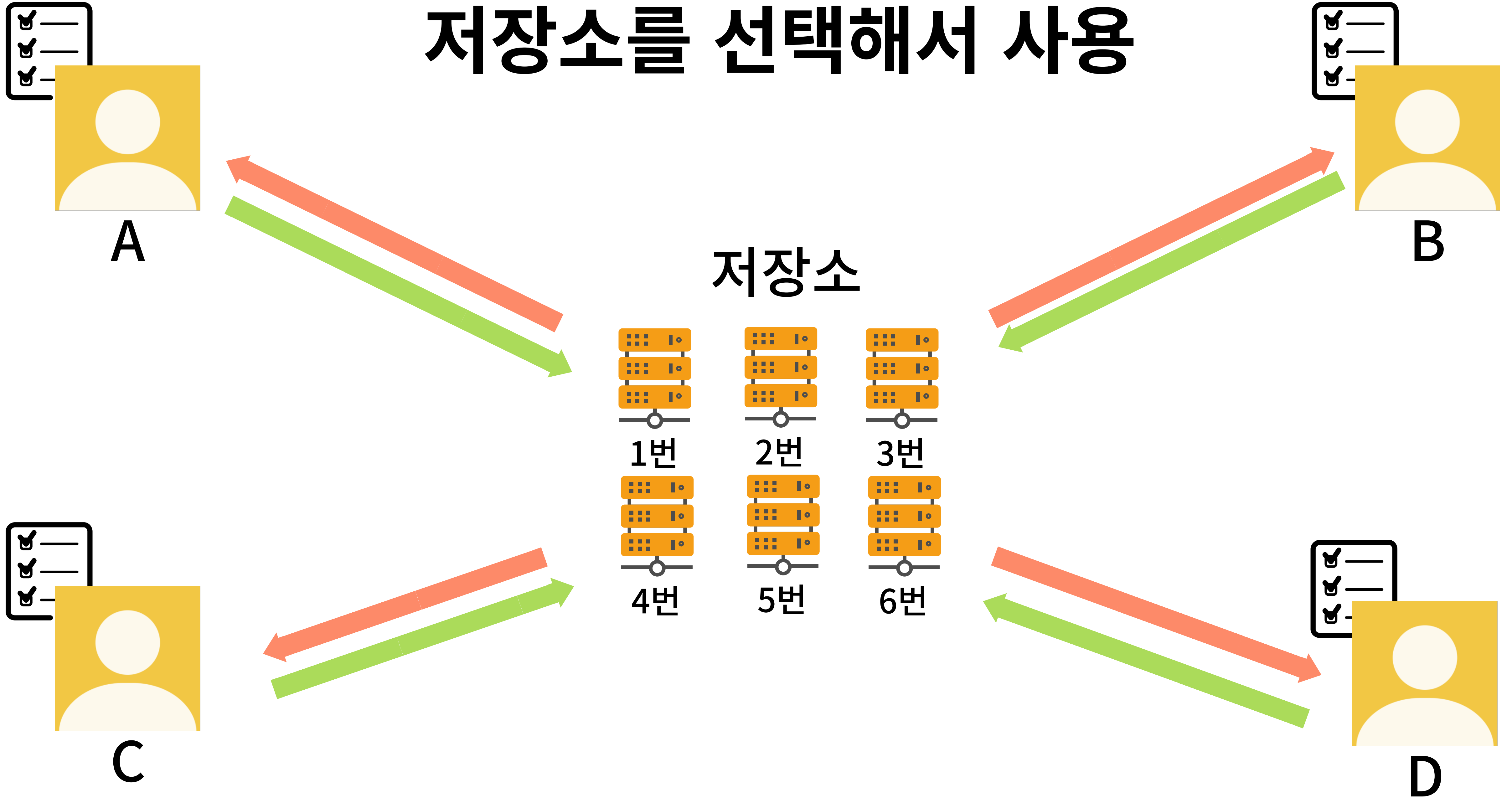
D



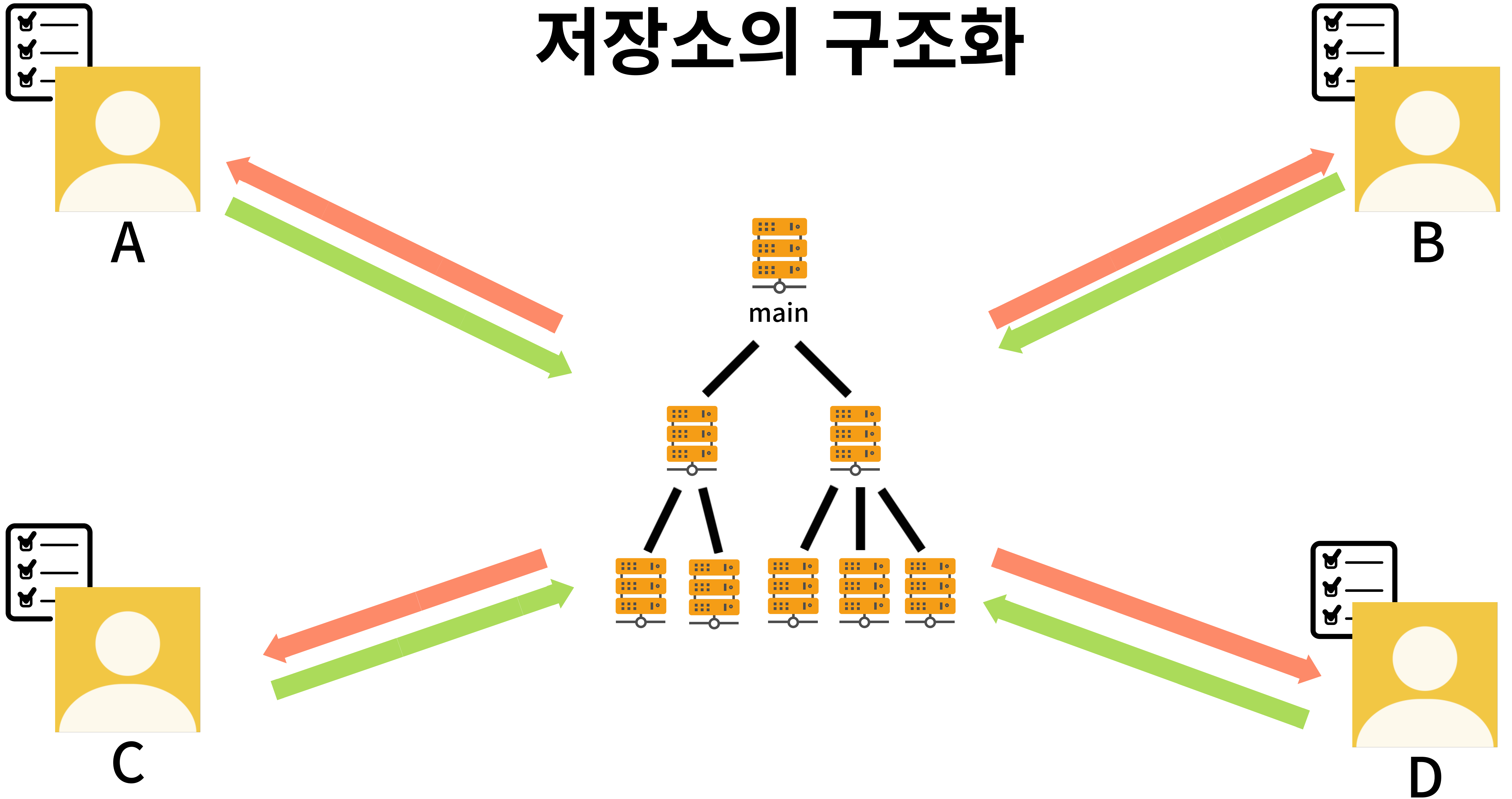
저장소



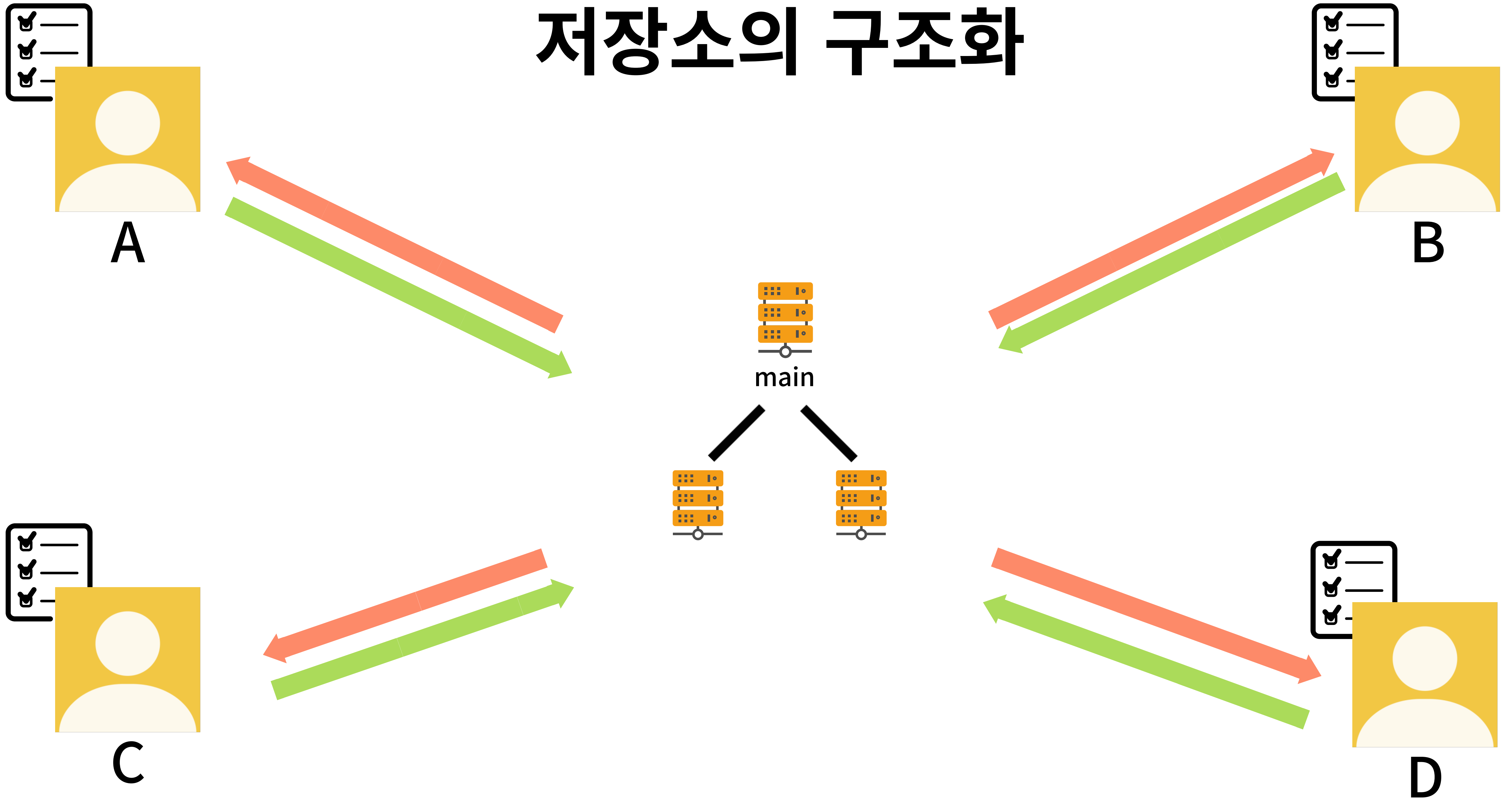
저장소를 선택해서 사용



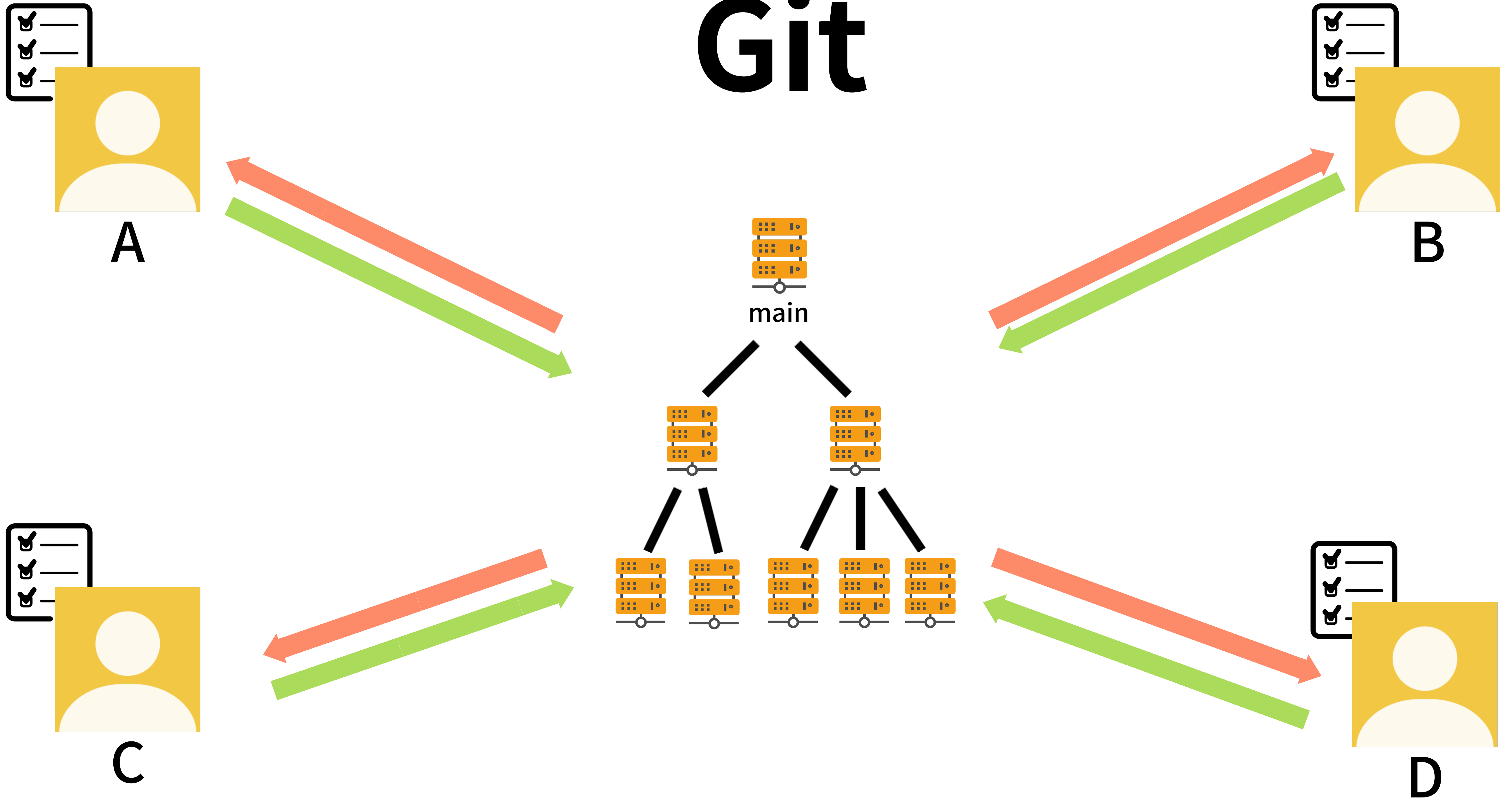
저장소의 구조화



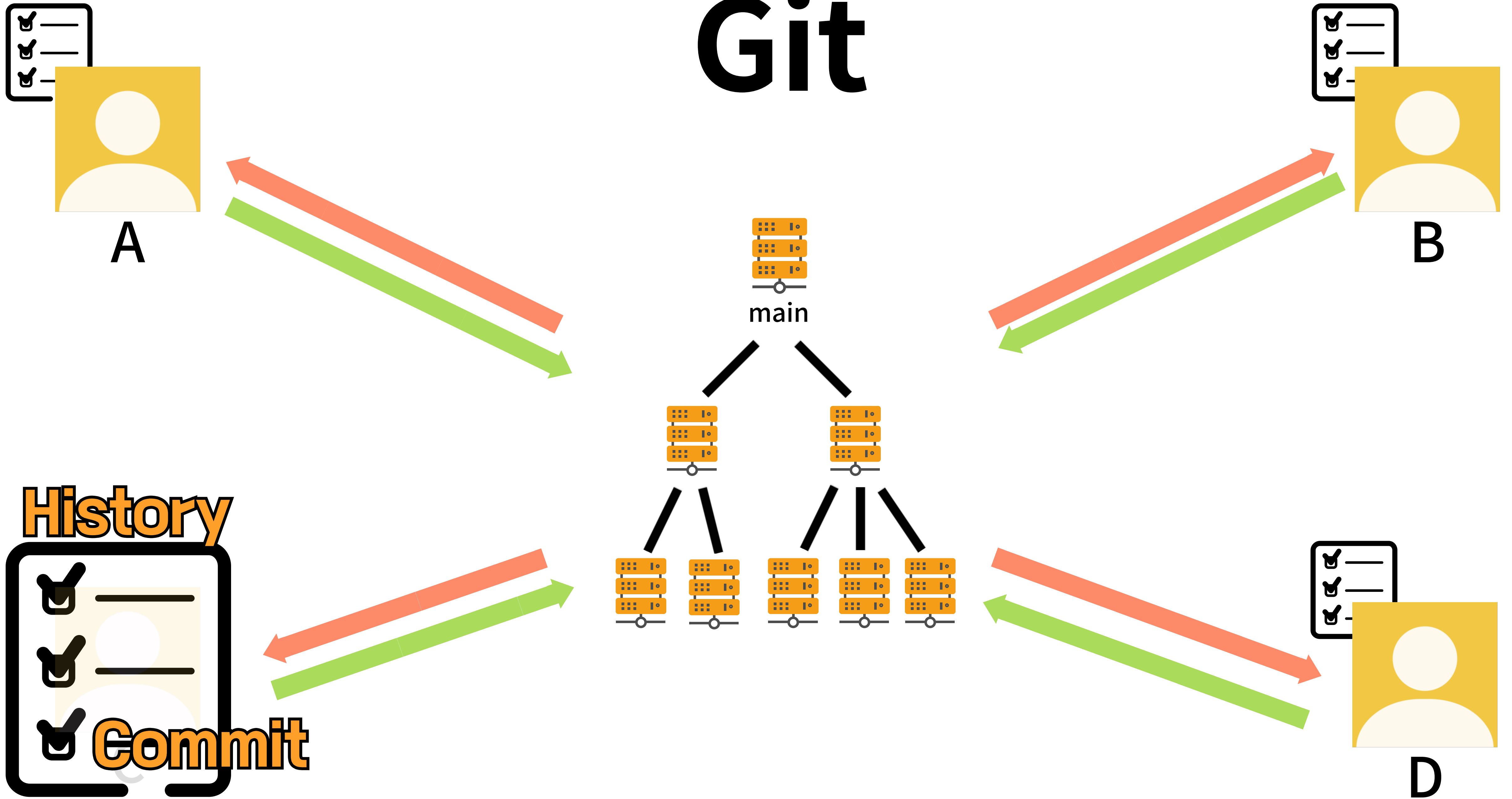
저장소의 구조화



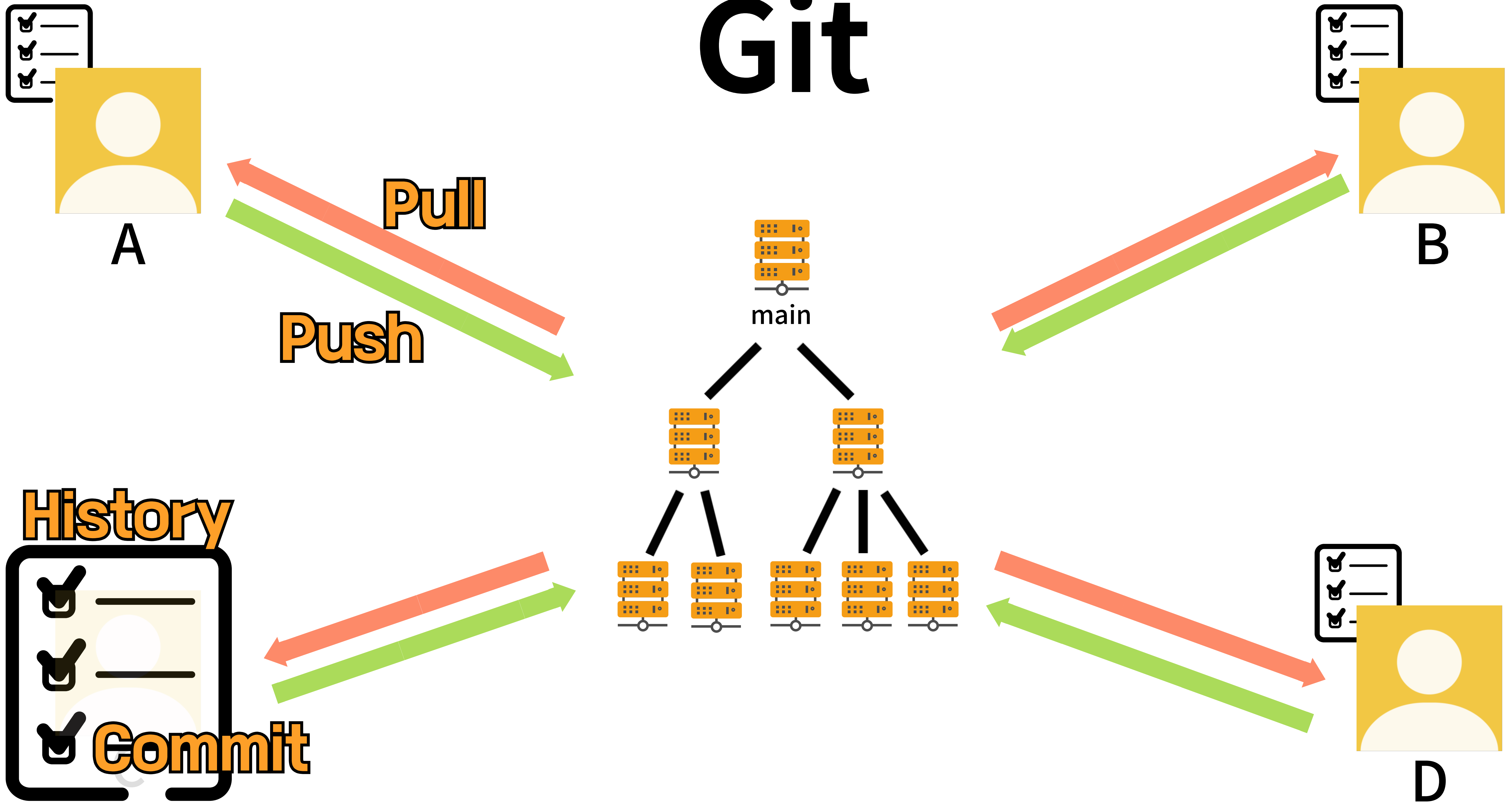
Git



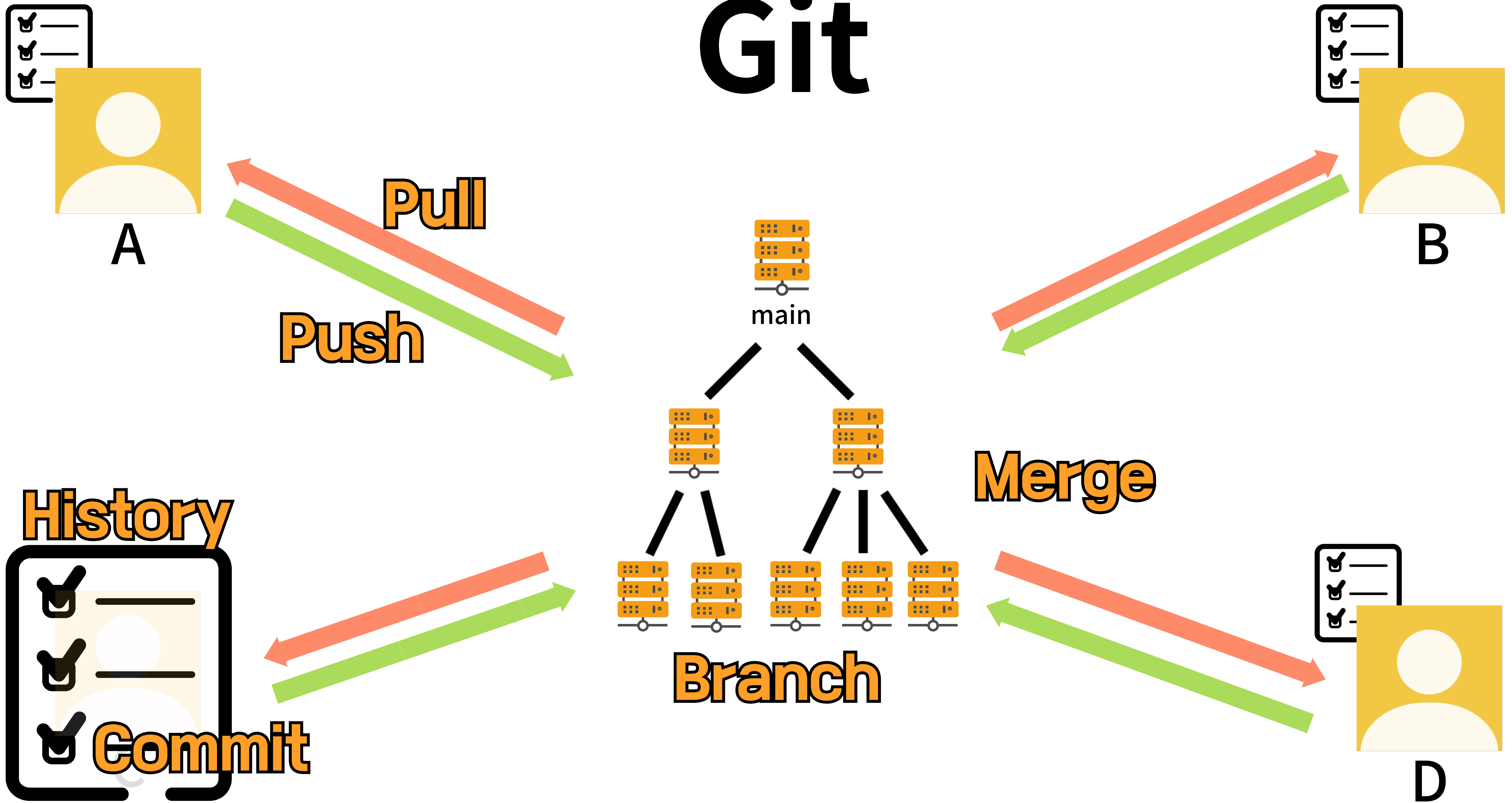
Git



Git



Git



Git

VCS

Version Control System

버전 관리 시스템

Git



Git is a [free and open source](#) distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

Git is [easy to learn](#) and has a [tiny footprint with lightning fast performance](#). It outclasses SCM tools like Subversion, CVS, Perforce, and ClearCase with features like [cheap local branching](#), convenient [staging areas](#), and [multiple workflows](#).



About

The advantages of Git compared to other source control systems.



Documentation

Command reference pages, Pro Git book content, videos and other material.



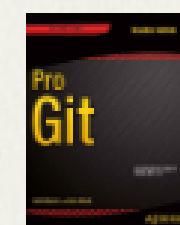
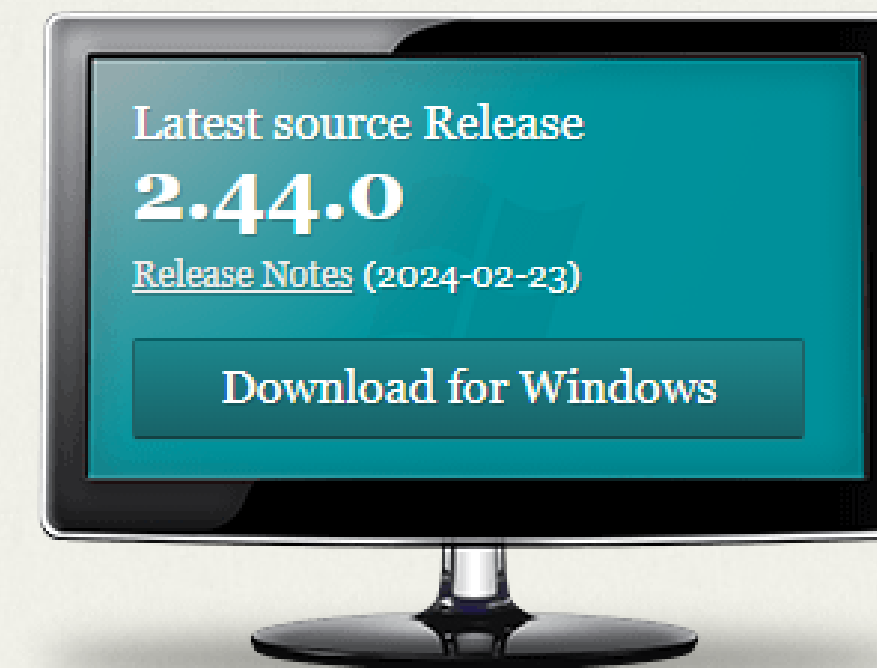
Downloads

GUI clients and binary releases for all major platforms.



Community

Get involved! Bug reporting, mailing list, chat, development and more.



Pro Git by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).



Windows GUIs



Tarballs



Mac Build



Source Code

Git

```
thisismehi@Thisismeui-MacBookPro:~/Desktop/sesac/test ㄸ%2
a
~/Desktop/sesac/test ㄸ main ➤ echo aa >> d.swift
~/Desktop/sesac/test ㄸ main ± ➤ cat d.swift
a
aa
~/Desktop/sesac/test ㄸ main ± ➤ gst
On branch main
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   d.swift

no changes added to commit (use "git add" and/or "git commit -a")
~/Desktop/sesac/test ㄸ main ± ➤ git add .
~/Desktop/sesac/test ㄸ main + ➤ gst
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   d.swift

~/Desktop/sesac/test ㄸ main + ➤ git commit --amend -m "add: d.swift에 aa 구문 추가"
[main 1bc1b01] add: d.swift에 aa 구문 추가
Date: Fri Oct 14 11:06:40 2022 +0900
1 file changed, 2 insertions(+)
create mode 100644 d.swift
~/Desktop/sesac/test ㄸ main ➤ git log
~/Desktop/sesac/test ㄸ main
```

```
git log ㄸ%2
commit 1bc1b017de3e11bf8d9f7d0979bbc7ad6079e451 (HEAD -> main)
Author: heerucan <jwyandkrh@naver.com>
Date:   Fri Oct 14 11:06:40 2022 +0900

    add: d.swift에 aa 구문 추가

commit f5b6b25bbfc706aa9b762a9a04a87769ff339154
Author: heerucan <jwyandkrh@naver.com>
Date:   Fri Oct 14 11:06:00 2022 +0900

    add: c.swift 파일 추가

commit eead896102bbd823e0121618dc3af306935b2882
Author: heerucan <jwyandkrh@naver.com>
Date:   Fri Oct 14 11:05:29 2022 +0900

    add: b.swift 파일 추가

commit 28d773634613496b64cefe1e5dad56f6da15ebc5
Author: heerucan <jwyandkrh@naver.com>
Date:   Fri Oct 14 11:03:05 2022 +0900

    add: a.swift 파일 추가
(END)
```

멋있지만 어렵다

