→ git & github. → 3-5 classes ← { Training

→ Maven

→ Jenkins

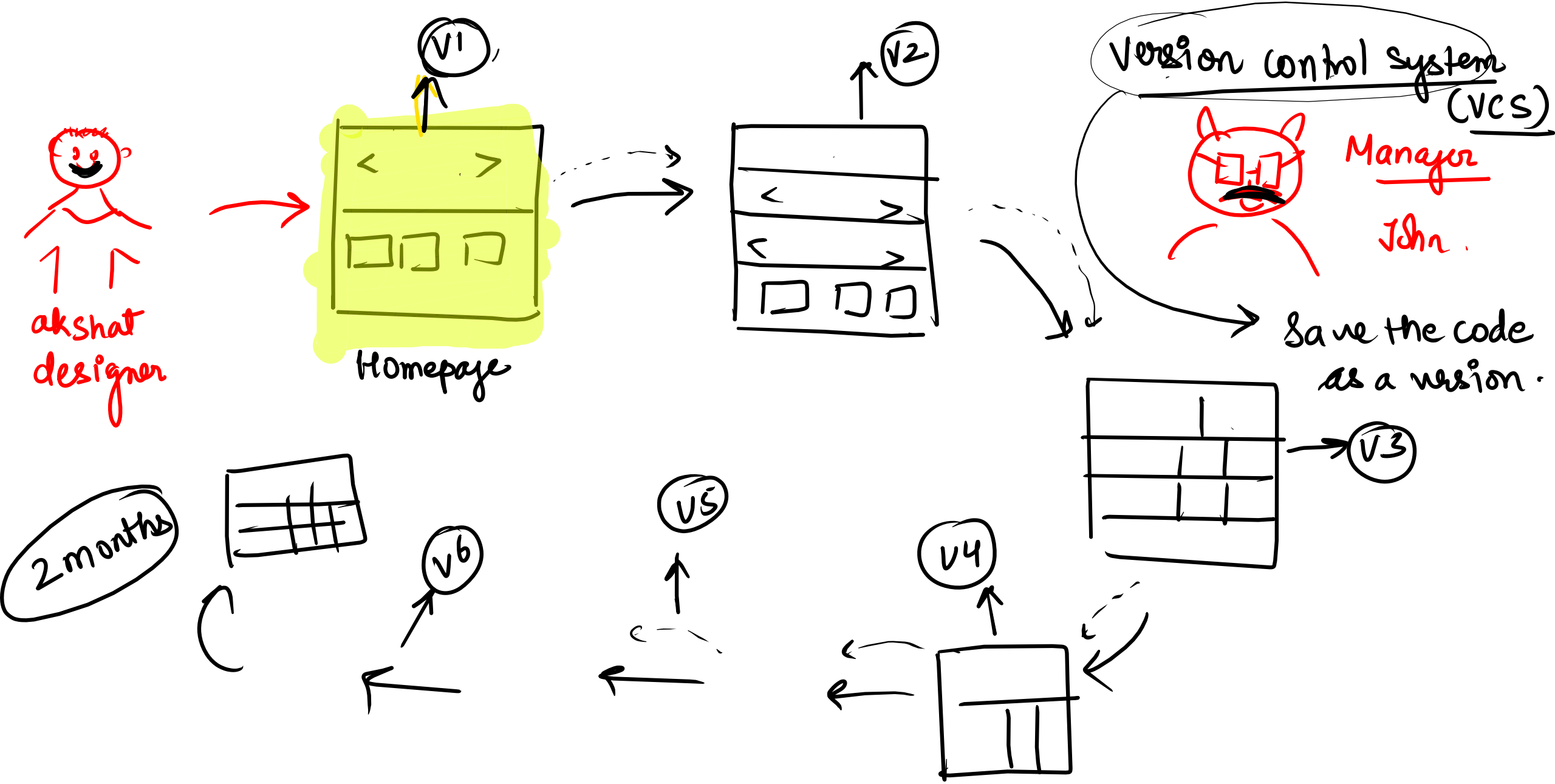
→ Dockers

→ Kubernetes

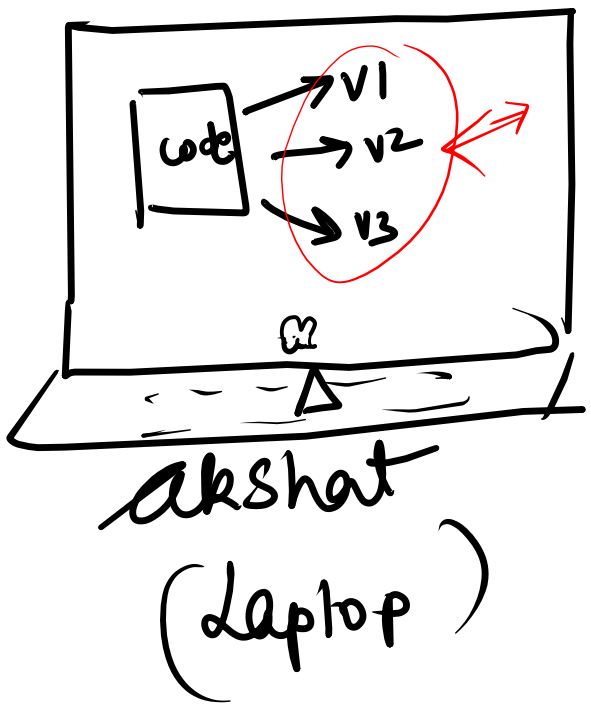
→ Ansible → Terraform

→ Prometheus & Grafana

→ Capstone project (Real time Startyte assigned project)


V1
V2
Version control system
(VCS)
Manager
John.
akshat
designer
Homepage
Save the code
as a version.
V3
2 months
V6
V5
V4

The version of code is only saved in your local device (Laptop or computer) ← [Local version control tool (LVCS)



Problems :-

1. Single points of failure.
2. Collaboration is not possible → Multiple developers cannot work together.

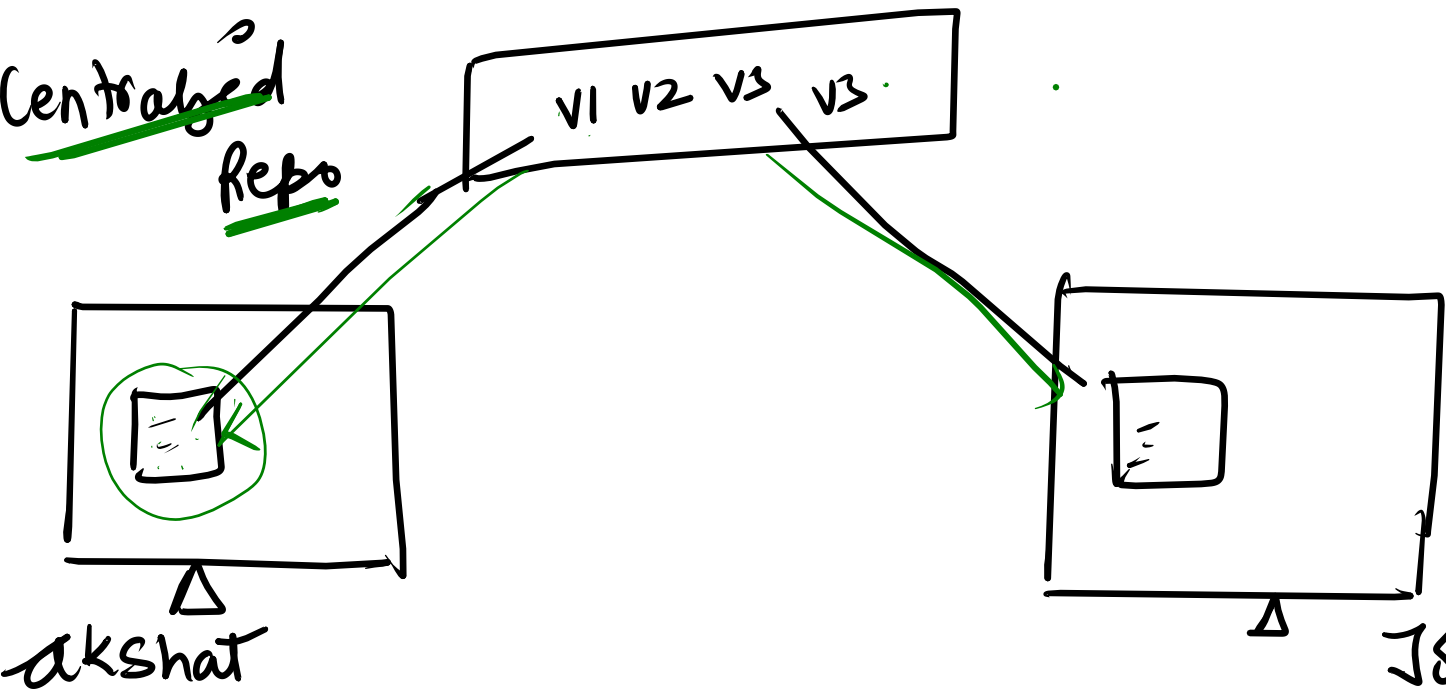
You will save the code as a version over the Centralized (over the Internet) repository only.

↳ storage

Centralized version control system (CVCS)

Problems

- Single point of failure.
- dependency on Internet



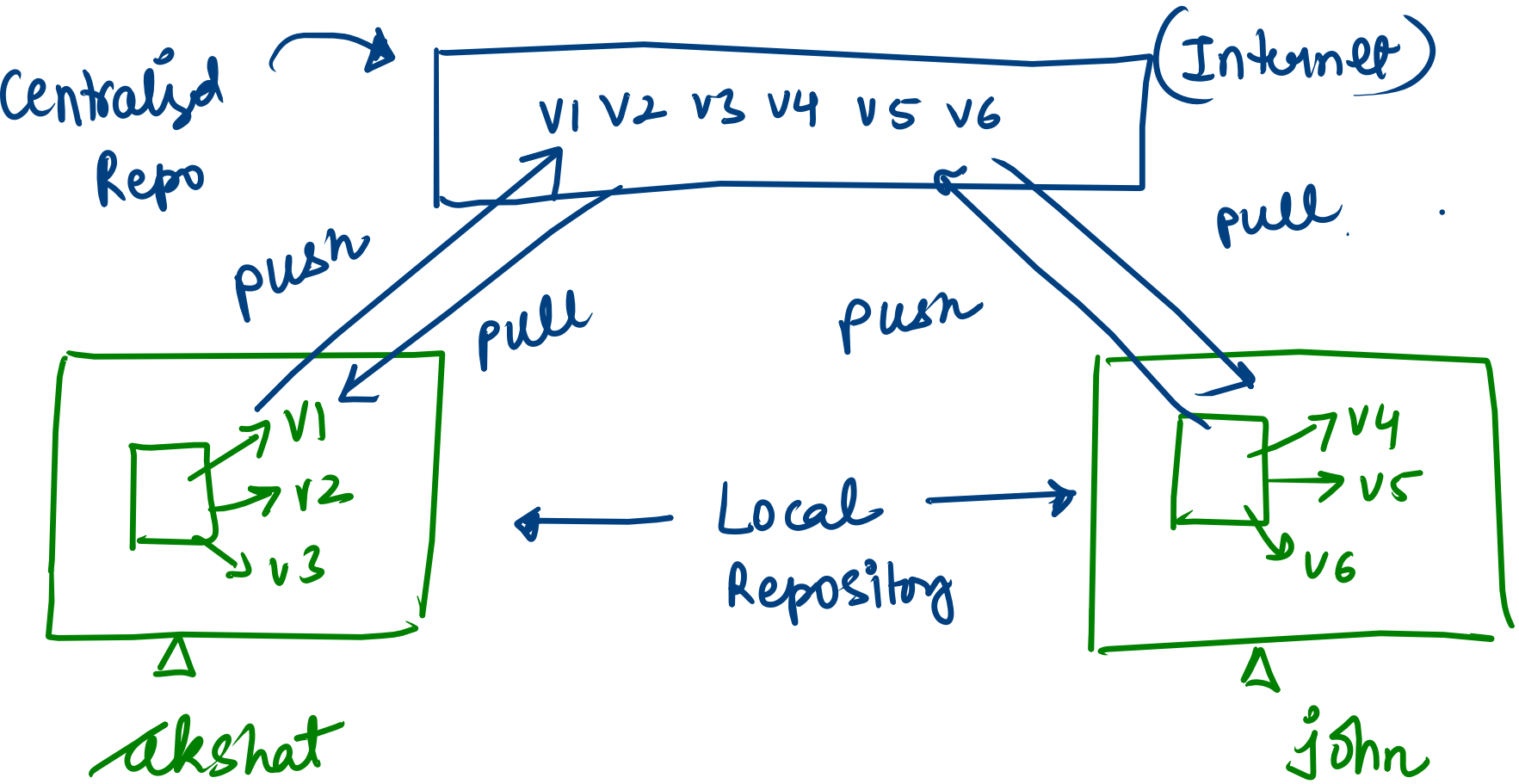
} The versions will not be created locally

code is saved as a version over centralized (Internet) as well as locally.

Distributed version control tool (DVCS)

CVCS + LVCS

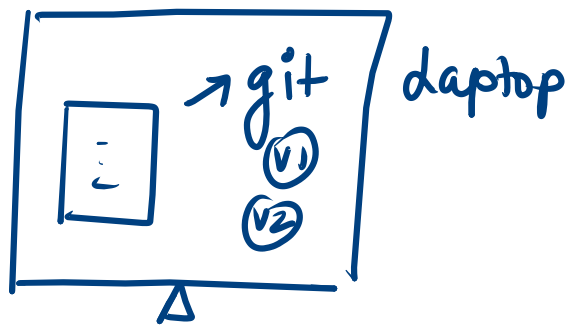
Problem of single point of failure is solved now we have multi point of failure.

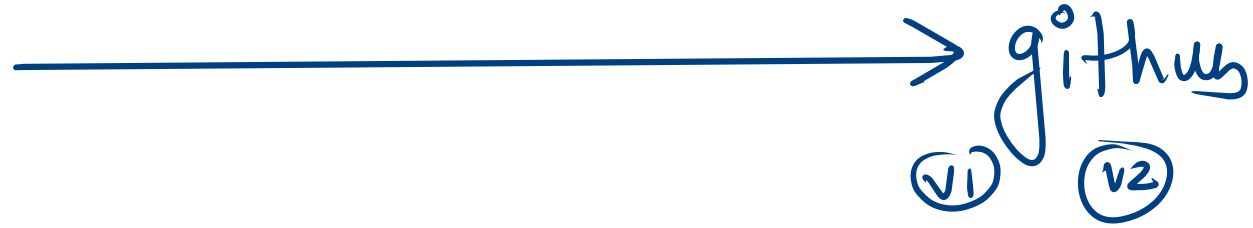


example of DVCS → git & github.com → you signup on github.com

- Software which is Installed in the laptop/ computer
= we can save the code as a version locally with the help of git.

- Centralized Repository where your code is saved as a version over the Internet.





- Owned by company linux foundation

- Owned by company microsoft.