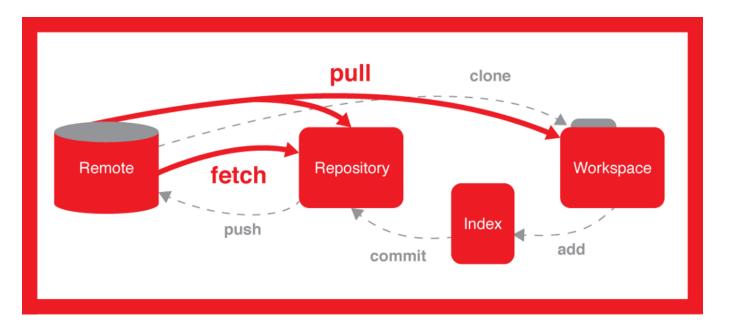


EN.601.421 / EN.601.621

Object Oriented Software Engineering

Git

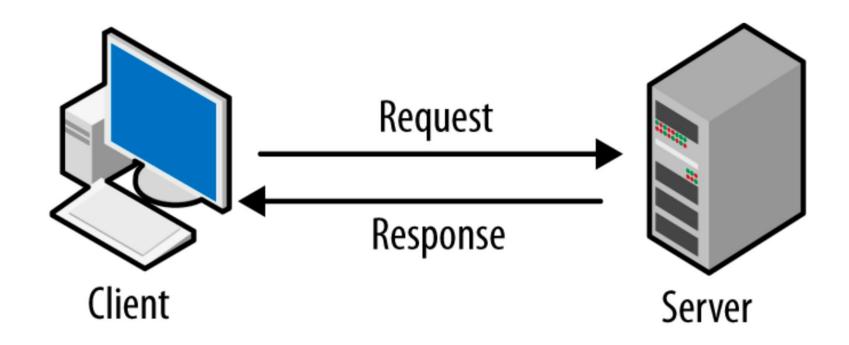
► Git is Version Control System, or VCS, that allows you to save a snapshot (i.e., copy) of your project code at any time you want.



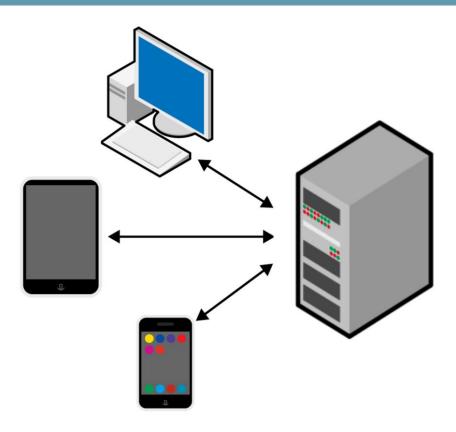
Github

- ➤ A cloud-based platform that hosts Git repositories and facilitates team collaboration:
 - * "Repository" for source code management
 - "Project Board" for project management
 - "Github Actions" for Automation

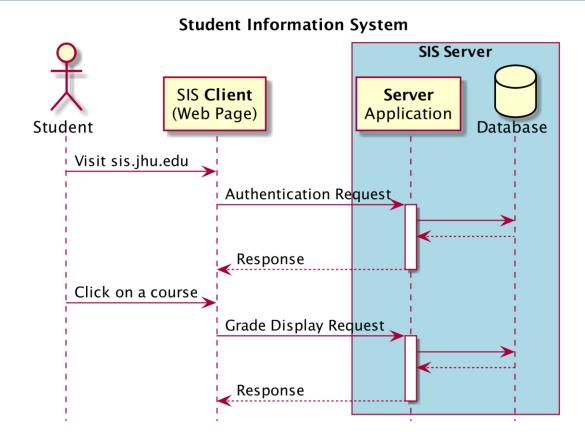
Client-Server Architecture



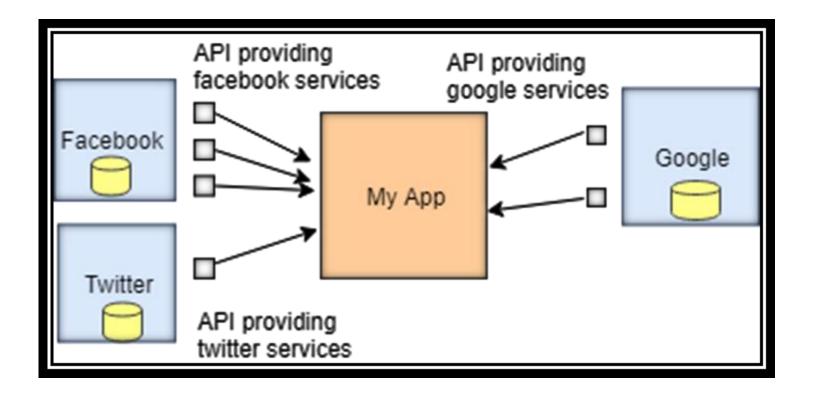
Client-Server Architecture



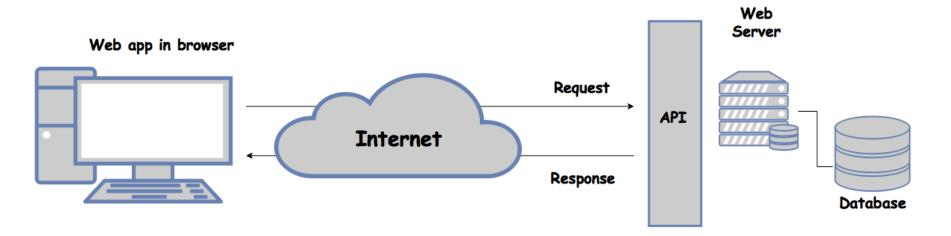
Client-Server Example



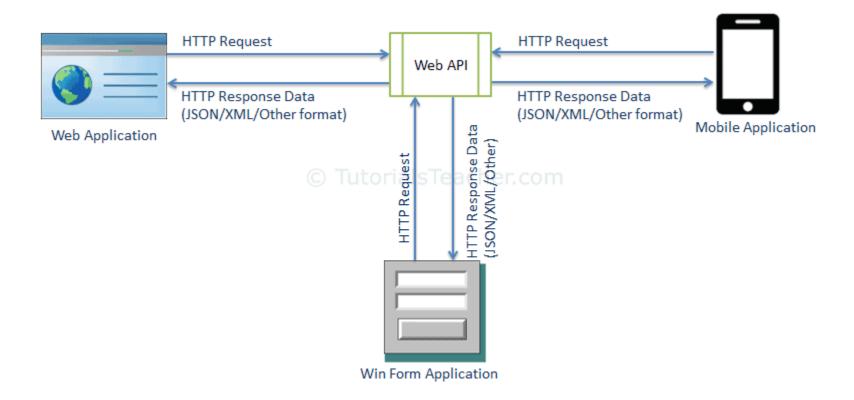
Application Programming Interface (API)



Web API

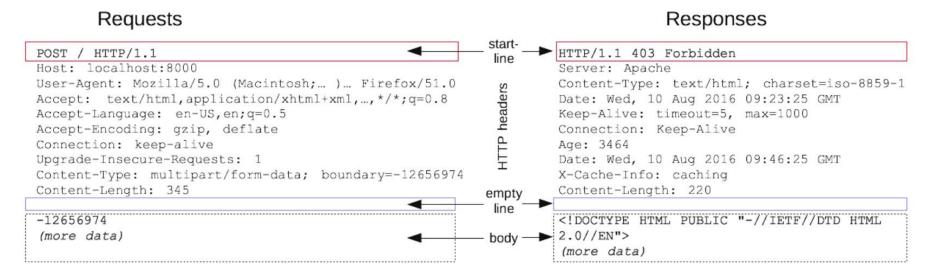


Web API



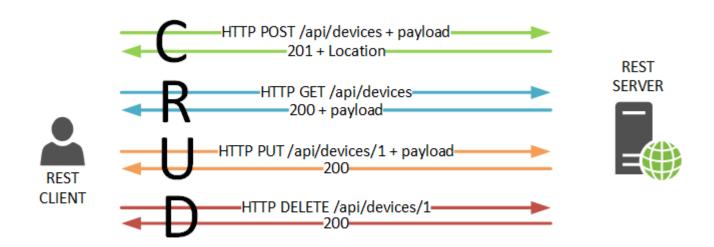
HTTP & CRUD

► Hyper-Text Transfer Protocol (HTTP)



RESTful API

- Representational State Transfer (REST) architectural style
 - No session information is retained in the server





WHITING SCHOOI

of Engineering