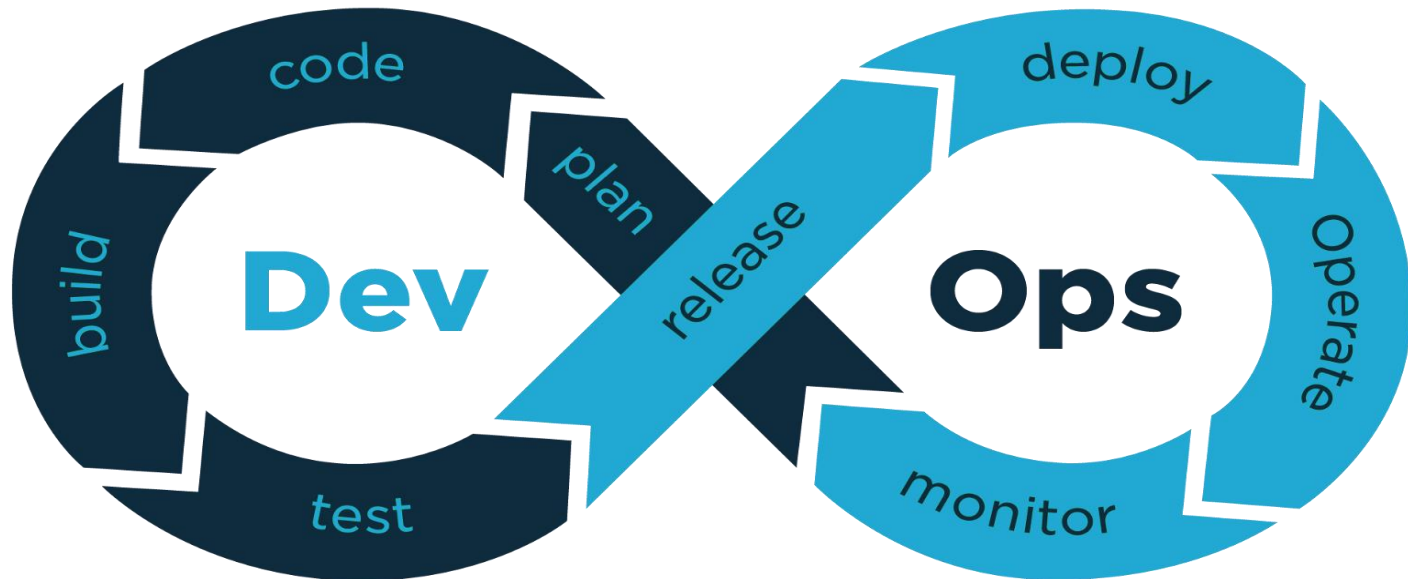


Devops on AWS



Instructor : Sunil Koppavarapu

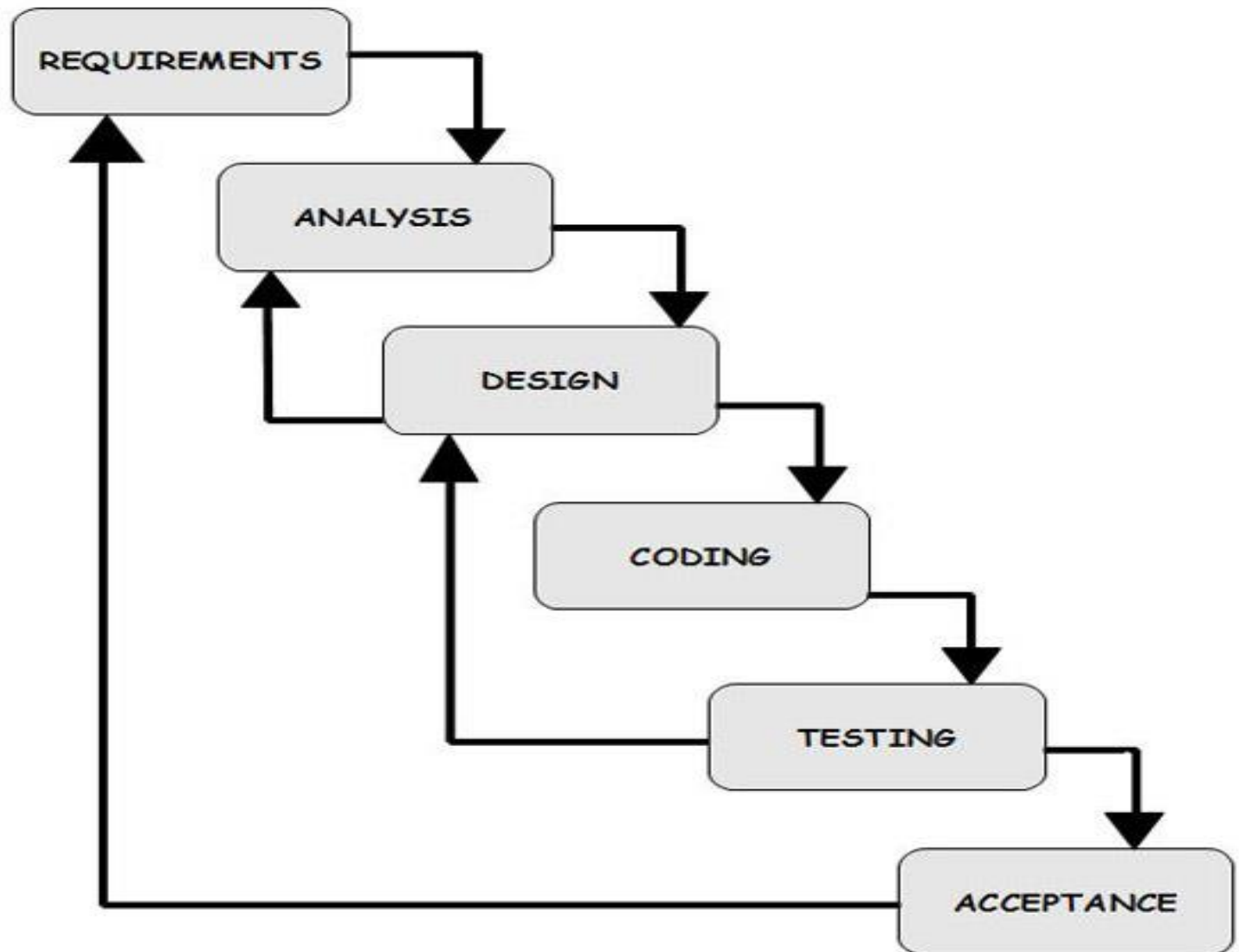
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SDLC Model - Software Development Life Cycle

- Waterfall Model
- Agile Model

Waterfall Model



Disadvantages of Waterfall Model

- It is difficult to estimate time and cost for each phase of the development process.
- Once an application is in the testing stage, it is very difficult to go back and change something that was not well-thought out in the concept stage.
- Not a good model for complex and object-oriented projects.
- Not suitable for the projects where requirements are at a moderate to high risk of changing.

Agile Model

- Agile development model is also a type of Incremental model. Software is developed in incremental, rapid cycles. This results in small incremental releases with each release building on previous functionality. Each release is thoroughly tested to ensure software quality is maintained.
- Agile software development method emphasis on iterative, incremental, and evolutionary development.


Agile Model

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Delay

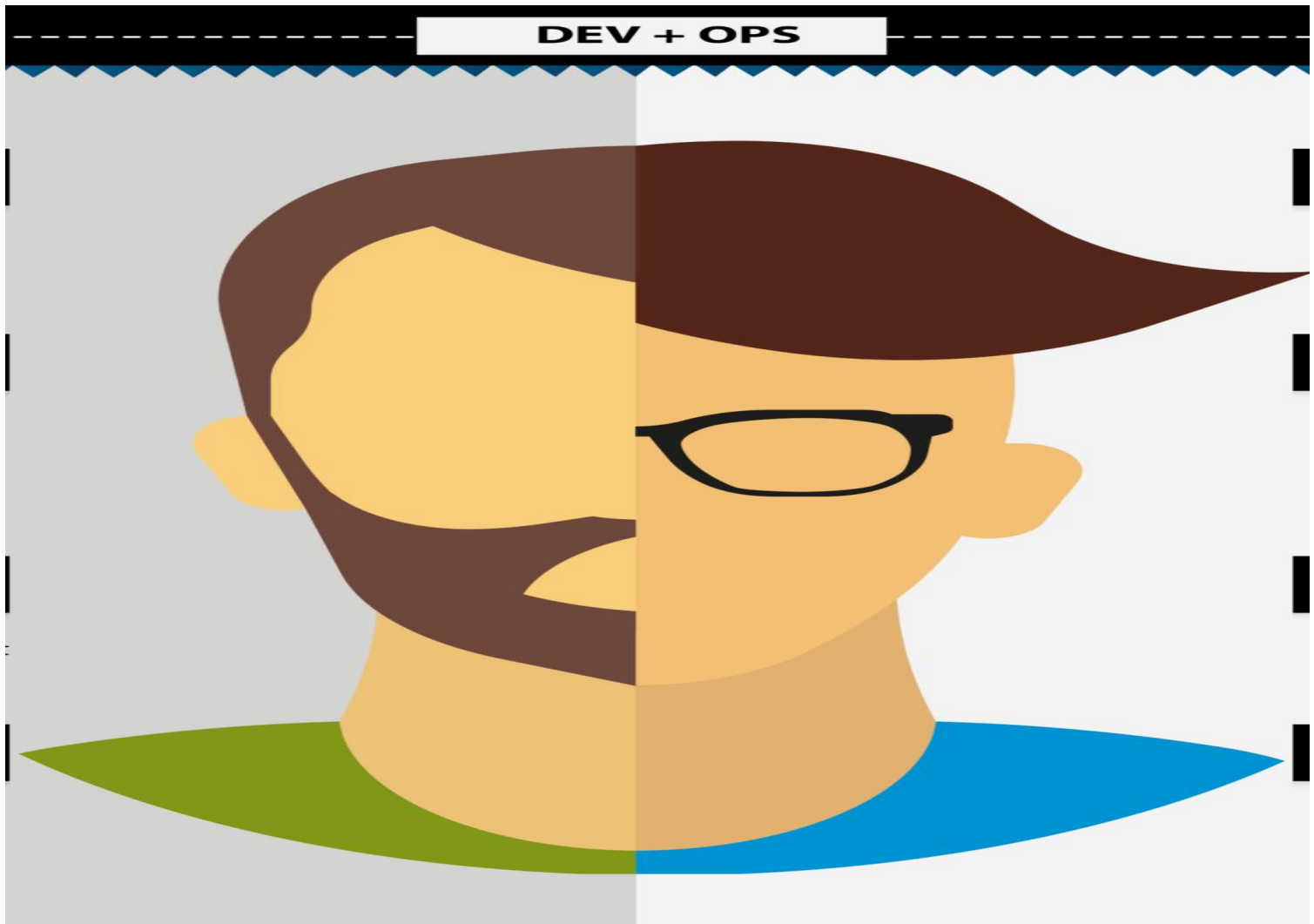
- In spite of the Model, still delay?
- Gap between development team and operations team



Operations Team responsibilities

- Installation of server hardware and OS
- Configuration of servers, networks, storage, etc...
- Monitoring of servers
- Respond to outages
- IT security
- Change control
- Backup and disaster recovery planning
- Production Support

Reasons for Delay



Devops and its importance

- DevOps is a methodology that promotes collaboration between Development and Operations Team. This allows deploying code to production faster and in an automated way. It helps to enable rapid deployment of products.

Course Content

- Linux
- Git
- Maven
- Jenkins
- Docker and Docker Swarm
- Kubernetes
- Ansible
- Nagios
- Terraform

Timings 06:00 AM to 07:00 AM IST
Monday to Friday

Q&A



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Thank
you