

# Theater Ticketing Software Development

Developers - Groups of 4 people with a project manager

- Each group has own tasks

Client - interacts with users and gives developers feedback

Users - uses the ticketing service

**\*\*Production process is repeated until the product is well-polished system\*\***

☐ Making product >> Get user feedback >> Improve features

- MAIN - contains production code
- DEV - DEV branch is mainly for developers and checks off FEATURE
- TEST - Merge into higher tier environment (Unit & Integration Testing)
- FEATURE - Feature branch will be constantly updated every day and if the codes are good enough (Pass Test Cases), create a pull request
- PULL REQUEST - codes are reviewed by other developers, then, merged into MAIN
- GIT ACTION - Build, Test, and Deploy (Automated by Using AWS)
  - AWS DEV - Developer environment and has fake data to test the system (Nothing is breaking)
  - AWS TEST - Exact same infrastructure in AWS DEV but with preproduction-data (more realistic datasets)
  - AWS DEPLOY - used by users

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