

# Ci/CD

Group(s)

2

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# Gaming platform application

- Agile methodology to run the project.
- flexible and iterative approach that emphasizes collaboration, customer satisfaction, and continuous improvement.
- well-suited for software development projects that require frequent changes and updates, such as gaming application
- allows for quick feedback and adaptation to changing requirements, which is essential in the gaming industry where user preferences and trends can change rapidly

# Software deployment methodologies

- Blue-Green deployment
- Blue-Green deployment is a technique that involves creating two identical environments, one for production and one for testing.
- The new version of the software is deployed to the testing environment, and once it has been tested and verified, traffic is switched to the new environment.
- This approach minimizes downtime and risk, as the old environment can be quickly restored if any issues arise

# CI/CD Tools Used

- GitLab CI/CD is a part of GitLab,
- Web-based Git repository manager that provides source code management, continuous integration, and continuous deployment.
- It allows for easy integration with other GitLab features, such as issue tracking and code review.

