



Institiúid Teicneolaíochta Chorcaí
Cork Institute of Technology

Group Assignment

Module Title: Agile Processes

Module Code: COMP7039

Programme Title: B.Sc. Hons in Software Development –
Stage Award

Programme Code: SDH4

Date Given: March 12/13, 2018.

Date Due: April 23/24, 2018, on/before 13:00.

Value: 30% of Module total-score.

CONTINUOUS INTEGRATION PROJECT

Group Project: Please form teams of 3 members from your usual lab.

Your group is to investigate and evaluate the following continuous integration (CI) services:

1. Travis
2. Jenkins
3. Azure

Codebase:

Select a small simple codebase in a language of your choice to commit to code repository.

For **each** of your assigned CI services setup and configure a continuous deployment pipeline to automatically build and deploy the script whenever the code is changed.

Project Report:

- i. Clearly document the setup and configuration processes.
- ii. Evaluate selected services on ease of setup and configuration.
- iii. Recommend a CI service based on your research.

Project Demo:

Your team will be required to provide a quick demonstration (max.10 mins.) of your project findings in labs during Week 11/12.

Submission Instructions:

Each group email a copy of your project report on/before 16:00 on Monday/Tuesday April 23/24, 2018.

Ensure that the names and student IDs for each of the group-members are listed on the cover page of the report.

Resources:

MS Azure : Setup Continuous Deployment on Azure

IBM BlueMix: Getting Started with Continuous Delivery

GitLab CI: Getting Started with GitLab CI

Jenkins : Getting Started with Jenkins

TeamCity: Getting Started with TeamCity
Setup TeamCity CI with Tutorialspoint

Travis CI: Getting Started with Travis CI