XYZ P-GOCARTS

# Personas

Who will be participating in this training?

* Experienced developers who have been working in their respective domains for some time.

# Goal

What is the primary goal of this training?

* To move XYZ's on-premises product suite to a cloud-based solution while also improving the sustainability of XYZ's products.

# Objectives

What are some specific things that need to be accomplished to achieve the goal?

* Up-skill developers on a Continuous Integration and Continuous Delivery mindset.
* Implement a CI/CD pipeline for automated code validation and shorter lead times to deploy.
* Improve coding standards using a linter.
* Utilize containerization as a tool to make infrastructure more modular.
* Start deploying code to the cloud to simplify provisioning new environments.
* Up-skill developers on TDD and ATDD to provide a more sustainable code base.
* Implement DORA metrics to measure the change in performance of the development process.

# Constraints

What are some limiting factors to this training and what should it not cover?

* Training must include work on in-production code
* Access to the students is unknown at this time

# Autonomy

What are some of the things students and instructors can decide without the need for oversight?

* When breaks and lunch will be
* The order of topics covered
* Which technologies will be implemented to achieve the objectives (tools section has some suggestions)

# Resources

Who will be involved in the development and delivery of this training and what is the budget?

* Two DevOps SME’s for observation, product development, and delivery
* Ethan Jones as an acting PO
* Geoff Rayback as an acting PO
* Grant Esparza as an acting PO
* Additional participants to be determined later
* No budget at this time, client would like us to provide a proposal

# Tools

What are the tools that will be used during this training?

* Zoom
* Docker
* Kubernetes
* AWS
* Git
* GitHub
* GitHub Actions

# Schedule

What are some daily, weekly, monthly, and program lifetime items to be aware of?

* No schedule demands at this time, client would like us to provide a proposal