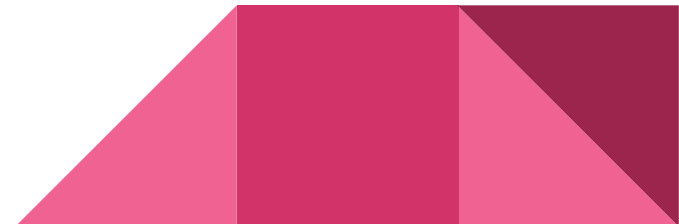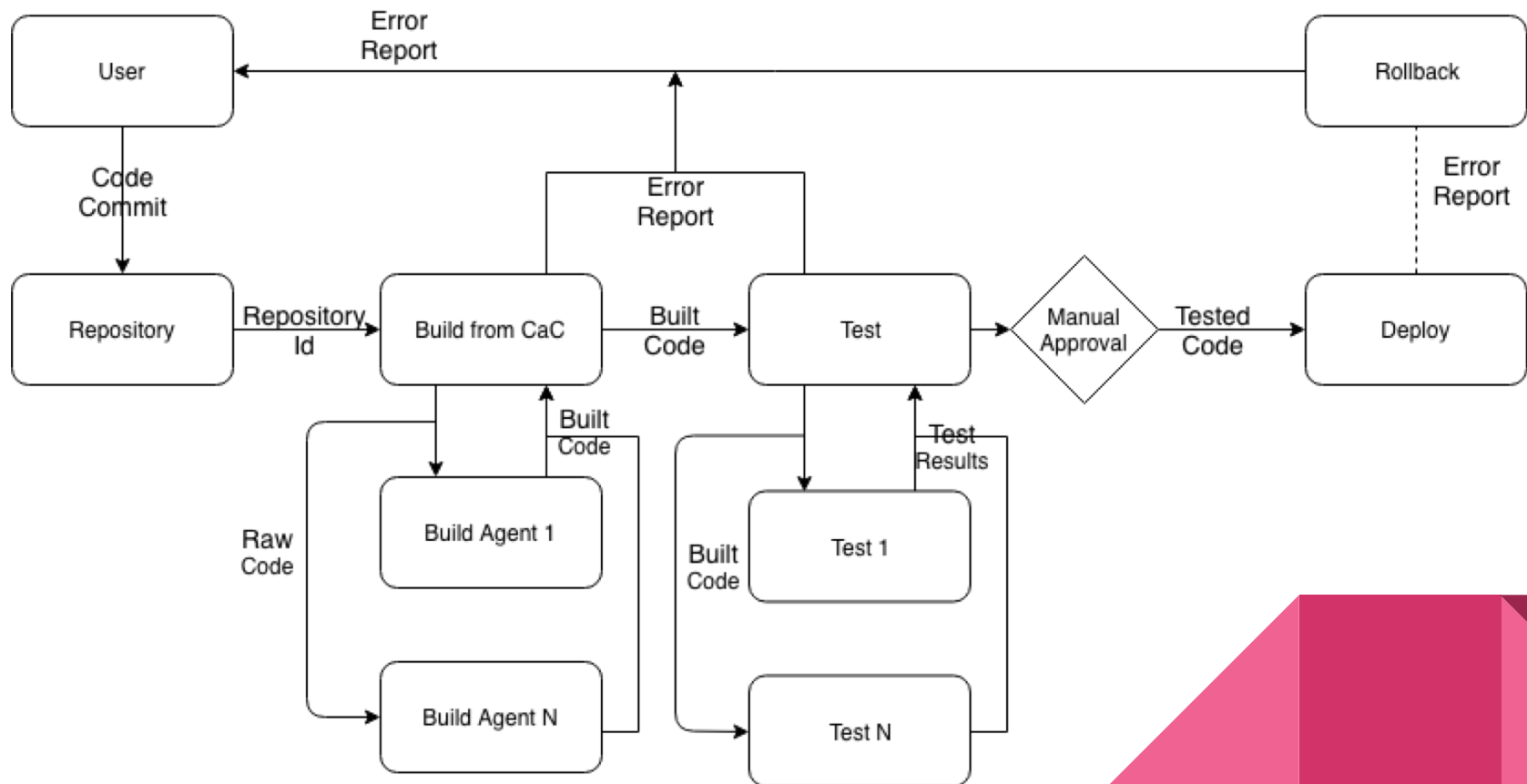# ShipIT

An Alianza CI/CD Solution

Project Objective Statement

Design and develop an AWS code configured pipeline with an API, able to build asynchronously and with an interface for monitoring by April 10, 2019.

Logical Diagram

Deliverable/Implementation

User receipts

Documentation - README, documentation repository

Software - Build agent, pipeline server, test environment, user interface

Demo - Working baseline code, practice demo

Training (physical/video) - Editing software, practice training, video

Kickstarter Trailer - Video, editing software

DEMO

[Github](#)

[Jenkins Server](#)

[AWS S3 Bucket](#)

Known

- Hooks to and monitors GitHub
- Automated job start, process and deposit
- Containerization process

Unknown

- Deploying live code to AWS
- API endpoints for secondary systems
- Automated pipeline building from configs
- Any UI and reporting