A
Presentation On

IoT Based Alert System

Votary Softech Solution Pvt. Ltd.

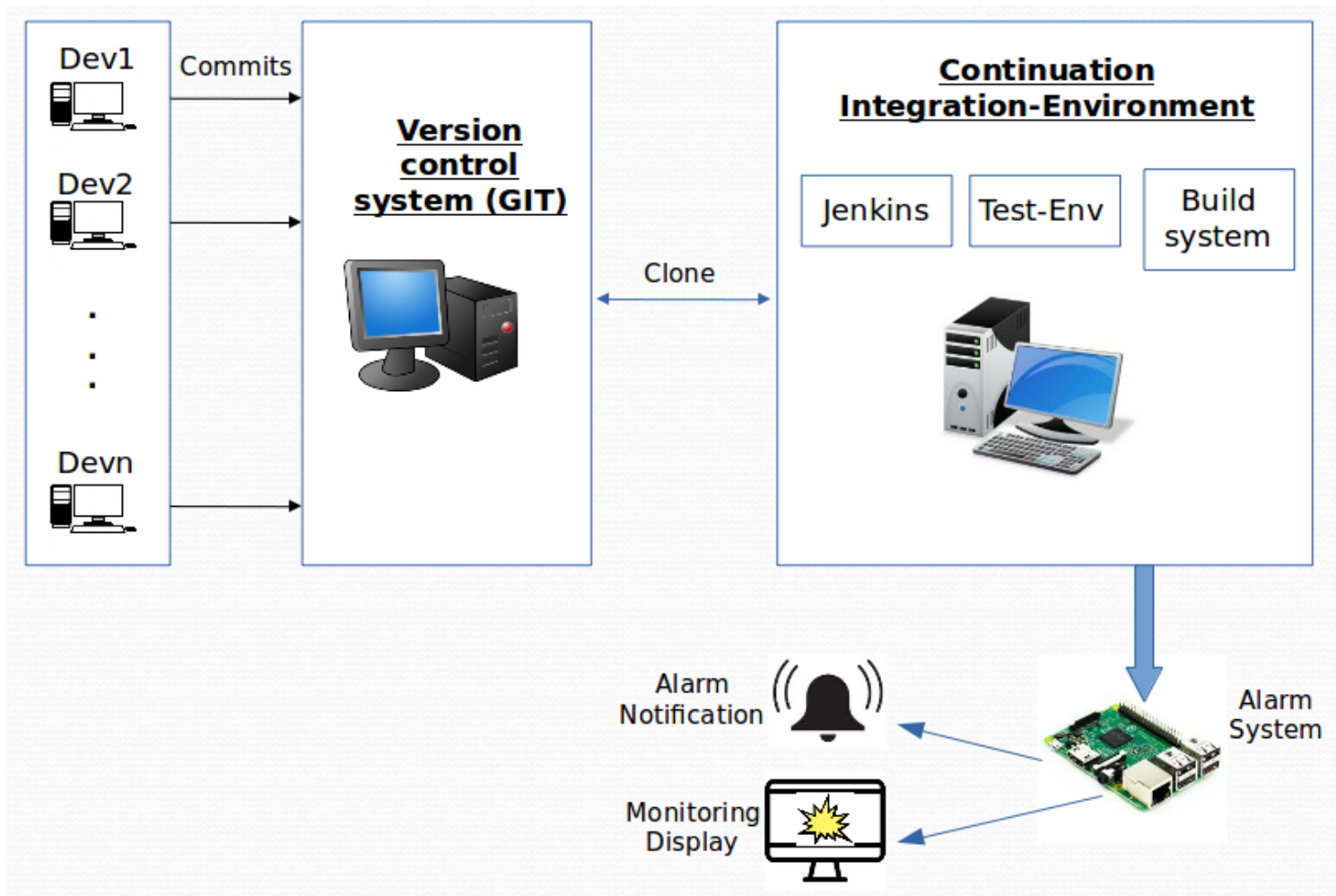**- By Rathod Rajiv V.**

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Objective

The main objective of this project is, to trigger the status of build process via alarm or flash screen.

Architecture & Design Diagram

Project Description

1. Whenever modified source code pushing to the Git server, Jenkin tool will detect that checkin and it will start building automatically.
2. If build is fail or success, Jenkin tool will send the notification to remote device via e-mail.
3. If the status of received e-mail is 'Build fail', then it will trigger the alarm.
4. The main purpose to send notification is, to alert the people who are monitoring continuous build and integration process. The alert is via sound or flash on the screen.

Roles & Responsibility

1. Setup of Git Server
2. Installation & Configuration of Jenkin
3. Python Script for e-mail configuartion
4. Written test cases
5. Manual Testing for Product

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Thanks