DevOps - Development + Operations

Development - Code -> Operations -

Version Control - V1.0 (3) - V1.1(3+1) - V1.2 - Git and GitHub

Jenkins - build

4 Developers - different places

Master Folder

F1 - D1 - Subfolder called as branches - push code to Master folder - Comments - Green color - Failure Red color

F2 - D2

F3 - D3 + D4 + D5;

Code

Images

config

DB

Operations: (IT Team)

GitHub code to Jenkins (Build tool)

Project path (GitHub) - to - Jenkins

Build - Automatic of code - Erros - Build FAILED

- No Error - Build PASSED - QA Testing - QA/Staging build

Everyday = Dev team push the code - 9 PM

After 9 PM - Operations - Automation

At 9:30 PM get the code from GitHub

Provide git path - Project path

daily - enable at 9:30 PM

Build the application - everyday at 10:00 PM - 11 PM Result

10000 lines

all are passed

build at line number - Failed

Send the results to Dev team - Build failed

Build - staging/qa or PROD urls,

Release - 1.1.0, build#1.3.1

* + 1. -

Web Testing - URL’s

Mobile:

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Android - APK (Android Package) files - AppCenter

iOS - ipa (iOS Package) files - Tesflight

Desktop:

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Windows - .exe (Executable)

macOS - dmg (Data Management)

STLC - Software Test Life Cycle