CS691 – Jenkins Progress Report

Team 5

SwiftRails

Sprint1 Planned & Completed Tasks

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| Planned Tasks | Completed Tasks |
| 1) Create and ec2 instance in aws for production branch,QA branch and development branch.  2)Install Java JDK and Jenkins in Production.  3)Install Maven,JDK,NodeJs, and TomCAT on Jenkin Nodes.  4)Create Pipeline for API Backend and Reactjs Project for Production node.  5)Install Dockers on production node.  6)Create Docker File to run a Pipeline.  7)Create Docker Image when the jenkins build is instantiated.  8)Integrate Jenkins with GitHub with SHH Public key in production branch  9)Automate jenkins process on PUSH to GitHub for production. | 1) Create and ec2 instance in aws for production branch,QA branch and development branch.  2) Install Java JDK and Jenkins in Production.  3)Install Maven,JDK,NodeJs and TomCAT on Jenkin Nodes.  4)Create Pipeline for API Backend and Reactjs Project for Production node.  5)Install Dockers on production node.  6)Create Docker File to run a Pipeline.  7)Create Docker Image when the jenkins build is instantiated.  8)Integrate Jenkins with GitHub with SHH Public key in production branch.  9)Automate jenkins process on PUSH to GitHub for production. |

Sprint 2 Planned & Completed Tasks.

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| Planned Tasks | Completed Tasks |
| 1) Install Java JDK and Jenkins in DEV & QA.  2) Install Maven,JDK,NodeJs, and TomCAT on DEV & QA.  4)Create Pipeline for API Backend and Reactjs Project for DEV AND QA  5)Install Dockers on DEV & QA.  6)Create Docker File to run a Pipeline.  7)Create Docker Image when the jenkins build is instantiated.  8)Integrate Jenkins with GitHub with SHH Public key in DEV & QA.  9)Automate jenkins process on PUSH to GitHub for DEV AND QA.  10)Send Email Notification once the JENKINS build is finished in respective branches.  11)Create Admin user role Jenkins.  12)Send JIRA Notifications once the JENKINS is started and finish. | 1) Installed Java JDK and Jenkins in DEV.  2) Installed Maven,JDK,NodeJs, and TomCAT on DEV.  4)Created Pipeline for API Backend and Reactjs Project for DEV.  5)Installed Dockers on DEV.  6)Created Docker File to run a Pipeline.  7)Created Docker Image when the jenkins build is instantiated.  8)Integrated Jenkins with GitHub with SHH Public key in DEV.  9)Automated jenkins process on PUSH to GitHub for DEV.  10)Send Email Notification once the JENKINS build is finished in respective branches.  11)Created Admin user role Jenkins.  12)Send JIRA Notifications once the JENKINS is started and finish. |

Sprint 3 Planned and Completed Tasks.

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| Planned Tasks | Completed Tasks |
| 1) Install Java JDK and Jenkins in QA.  2) Install Maven,JDK,NodeJs, and TomCAT on QA.  4)Create Pipeline for API Backend and Reactjs Project for QA.  5)Install Dockers on QA.  6)Create Docker File to run a Pipeline.  7)Create Docker Image when the jenkins build is instantiated.  8)Integrate Jenkins with GitHub with SHH Public key in QA.  9)Automate jenkins process on PUSH to GitHub for QA. | 1) Installed Java JDK and Jenkins in QA.  2) Installed Maven,JDK,NodeJs, and TomCAT on QA.  4)Created Pipeline for API Backend and Reactjs Project for QA.  5)Installed Dockers on QA.  6)Created Docker File to run a Pipeline.  7)Created Docker Image when the jenkins build is instantiated.  8)Integrates Jenkins with GitHub with SHH Public key in QA.  9)Automated jenkins process on PUSH to GitHub for QA. |

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