**CS692, R1 – Jenkins Progress Report**

**Iteration 1: Planned and Completed Tasks**

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| Planned Tasks | Completed Tasks |
| 1. Download & Install Java JDK and Jenkins 2. Jenkins Configuration:  * Install suggested plugins * Create Admin User * Install role-based authorization strategy * Configure global security * Manage & Assign Roles * Create freestyle & Test  1. AWS Setup – Dev & QA VMs 2. Jenkins Setup – Master-slave architecture 3. Integration with git, maven, java, tomcat and NodeJS 4. Creation of CI/CD pipelines for frontend, backend applications | 1. Download & Install Java JDK and Jenkins 2. Jenkins Configuration:  * Install suggested plugins * Create Admin User * Install role-based authorization strategy * Configure global security * Manage & Assign Roles * Create freestyle & Test  1. AWS Setup – Dev & QA VMs 2. Jenkins Setup – Master-slave architecture 3. Integration with git, maven, java, tomcat and NodeJS 4. Creation of CI/CD pipelines for frontend, backend applications |

**Iteration 2: Planned and Completed Tasks**

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| --- | --- |
| Planned Tasks | Completed Tasks |
| 1. Email Notifications 2. Enable tasks/pipeline automation 3. Automatically trigger deployment pipelines once code change has been done on git | 1. Email Notifications 2. Enable tasks/pipeline automation 3. Automatically trigger deployment pipelines once code change has been done on git |