**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 * Create freestyle & Test  1. AWS Setup – Dev & QA VMs 2. Jenkins Setup – Master-slave architecture 3. Integration with git, maven, java, tomcat 4. Creation of CI/CD pipelines for backend applications 5. Create 2 EC2s in AWS which are used as Jenkins-master, Backend, QA-backend. 6. Create two pipelines for Dev and QA. 7. Deploy maven build on Dev and QA. | 1. Download & Install Java JDK and Jenkins 2. Jenkins Configuration:  * Install suggested plugins * Create Admin User * Create freestyle & Test  1. AWS Setup – Dev & QA VMs 2. Jenkins Setup – Master-slave architecture 3. Integration with git, maven, java, tomcat 4. Creation of CI/CD pipelines for backend applications 5. Create 2 EC2s in AWS which are used as Jenkins-master, Backend, QA-backend. 6. Create two pipelines for Dev and QA. 7. Deploy maven build on Dev and QA. |

**Iteration 2: Planned and Completed Tasks**

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| Planned Tasks | Completed Tasks |
| 1. Jenkins Configuration:  * Changed branch any to master  1. Deploy build on QA. 2. Automatically trigger deployment pipelines once code change has been done on git. | 1. Jenkins Configuration:  * Changed branch any to master  1. Deploy build on QA. 2. Automatically trigger deployment pipelines once code change has been done on git. |