**CS691 – Jenkins Progress Report**

**Team 1**

**Application: StyleX**

**Sprint 1: Planned and Completed Tasks**

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| Planned Tasks | Completed Tasks |
| 1. Download Jenkins on AWS Dev environment. 2. Jenkins Configuration:    * Install suggested plugins    * Install NodeJS plugin    * Configure tools to integrate NodeJS and SCM (git) integration.    * Configure global security and develop role-based authorization.    * Integration with git and nodeJS 3. Created Jenkins File on github 4. Configure Webhook on github to trigger Jenkins Pipeline 5. Creation of CI/CD pipelines for Dev environment | 1. Download Jenkins on AWS QA environment. 2. Jenkins Configuration:    * Install suggested plugins    * Install NodeJS plugin    * Configure tools to integrate NodeJS and SCM (git) integration.    * Integration with git and nodeJS 3. Created Jenkins File on github 4. Configure Webhook on Git hub to trigger Jenkins Pipeline 5. Creation of CI/CD pipelines for Test environment |

**Sprint 2: Planned and Completed Tasks**

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| Planned Tasks | Completed Tasks |
| 1. Setup Jenkins on QA Environment 2. Develop SCM poll feature and automatically trigger deployment pipelines once code change has been done on git. 3. Configure global security and develop role-based authorization. 4. Create admin user and dev users | 1. Setup Jenkins on QA Environment. 2. Develop SCM poll feature and automatically trigger deployment pipelines once code change has been done on git. 3. Configure global security and develop role-based authorization. 4. Create admin user and dev users 5. Configure Email Notifications from Jenkins, once the Code Deployment is completed on Dev Server. |

**Sprint 3: Planned and Completed Tasks**

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| Planned Tasks | Completed Tasks |
| 1. Integrate Jenkins pipeline with Slack to send notifications regarding the status of the build. 2. Configure Email Notifications from Jenkins, once the Code Deployment is completed on Dev Server. | 1. Integrate Jenkins pipeline with Slack to send notifications regarding the status of the build. 2. Configure Email Notifications from Jenkins, once the Code Deployment is completed on Dev Server. |