**CS692, R1 – Jenkins Progress Report**

**Iteration 1: Planned and Completed Tasks**

| Planned Tasks | Completed Tasks |
| --- | --- |
| 1. Implement logging for Jenkins job execution and pipeline status.  2. Stay up to date with Jenkins updates and security patches.  3. Set up automated tests for your application and validate that they run successfully in Jenkins  4. Configure your Jenkins jobs to connect to your version control system to automatically trigger builds when code changes are pushed  5. Configure scheduled builds and jobs to run at specific times or intervals  6. Slack notification integration for build deployment notification | 1. Implement logging for Jenkins job execution and pipeline status.  2. Stay up to date with Jenkins updates and security patches.  3. Set up automated tests for your application and validate that they run successfully in Jenkins  4. Configure your Jenkins jobs to connect to your version control system to automatically trigger builds when code changes are pushed  5. Configure scheduled builds and jobs to run at specific times or intervals  6. Slack notification integration for build deployment notification |

**Iteration 2: Planned and Completed Tasks**

| Planned Tasks | Completed Tasks |
| --- | --- |
| 1. Set up alerts to notify you of Jenkins issues.   1. 2. Create a dashboard in Jenkins or a visualization tool to display the status of planned and completed tasks. 2. 3. Implement improvements based on the findings of these reviews.   4. Configure Jenkins to automate deployments to your target environments.  5. Integrate Blue Ocean plugin for better UI experience | 1. Set up alerts to notify you of Jenkins issues.  2. Create a dashboard in Jenkins or a visualization tool to display the status of planned and completed tasks.  3. Implement improvements based on the findings of these reviews.  4. Configure Jenkins to automate deployments to your target environments.  5. Integrate Blue Ocean plugin for better UI experience |