

## User restrictions:

When the particular users make changes in GitLab then only job build get Success. If other users make changes job will get failure:

For this my using Poll SCM as build trigger.

**1. Below code for allowing one user. We have to mention users email ID which is added to GitLab and GitLab username.**

```
pipeline{

agent any

stages {
    stage('Check Commit Author') {
        steps {
            script {
                // Use credentials to pass authentication for the Git
command
                withCredentials([usernamePassword(credentialsId:
'PAT', usernameVariable: 'GIT_USERNAME', passwordVariable:
'GIT_PASSWORD')]) {
                    // Check if the 'testing' directory exists and
remove it before cloning
                    sh """
                        if [ -d 'testing' ]; then
                            rm -rf testing
                        fi
                        export GIT_ASKPASS='echo'
                        git clone --depth 1
https://\\${GIT\_USERNAME}:\\${GIT\_PASSWORD}@git.stldev.io:1305/pradeepkumar.
n/testing.git
                    """

                    // Change directory to the cloned repository
                    dir('testing') {
                        // Get the author of the latest commit
                        def author = sh(
                            script: "git log -1 --
```

```

pretty=format: '%ae"',
        returnStdout: true
    ).trim().toLowerCase()

    echo "Last commit author: ${author}"

    // Allow build only if the commit author is
    'nadimpali.pradeepk@stellaripl.com'
    def allowedAuthors =
    ['nadimpali.pradeepk@stellaripl.com']
    if (!(allowedAuthors.contains(author))) {
        echo "Build skipped. Commit not from
allowed authors."

        currentBuild.result = 'SUCCESS'
        error("Stopping build because the last
commit was not from an allowed author.")
    }
    }
    }
    }
    }

    stage('Checkout') {
        steps {
            // Checkout the code from the repository after author
check
            git branch: 'main', credentialsId: 'PAT', url:
'https://git.stldev.io:1305/pradeepkumar.n/testing.git'
        }
    }

    // Add other stages here as needed...
}

}

```

**2. Below code for allowing multiple users. We have to mention users email ID which is added to GitLab.**

```
pipeline{
  agent any
  stages {
    stage('Check Commit Author') {
      steps {
        script {
          // Use credentials to pass authentication for the Git
          command withCredentials([usernamePassword(credentialsId:
            'PAT', usernameVariable: 'GIT_USERNAME', passwordVariable:
            'GIT_PASSWORD')])) {
            // Check if the 'testing' directory exists and
            remove it before cloning
            sh """
              if [ -d 'testing' ]; then
                rm -rf testing
              fi
              export GIT_ASKPASS='echo' && git clone --depth
1
https://\$GIT\_USERNAME:\$GIT\_PASSWORD@git.stldev.io:1305/pradeepkumar.n/testing.git
              """

          // Change directory to the cloned repository
          dir('testing') {
            // Get the author of the latest commit
            def author = sh(
              script: "git log -1 --
pretty=format:'%ae'",
              returnStdout: true
            ).trim().toLowerCase()

            echo "Last commit author: ${author}"
          }
        }
      }
    }
  }
}
```

```

        // Allow build if the commit author is either
        'kanchanagm@stellaripl.com' or 'Nadimpali.PradeepK@stellaripl.com'
        def allowedAuthors =
        ['kanchanagm@stellaripl.com', 'nadimpali.pradeepk@stellaripl.com']
        if (!(allowedAuthors.contains(author))) {
            echo "Build skipped. Commit not from
allowed authors."

            currentBuild.result = 'SUCCESS'
            error("Stopping build because the last
commit was not from an allowed author.")
        }
    }
}
}
}

stage('Checkout') {
    steps {
        // Checkout the code from the repository after author
check
        git branch: 'main', credentialsId: 'PAT', url:
'https://git.stldev.io:1305/pradeepkumar.n/testing.git'
    }
}

}

}

```

