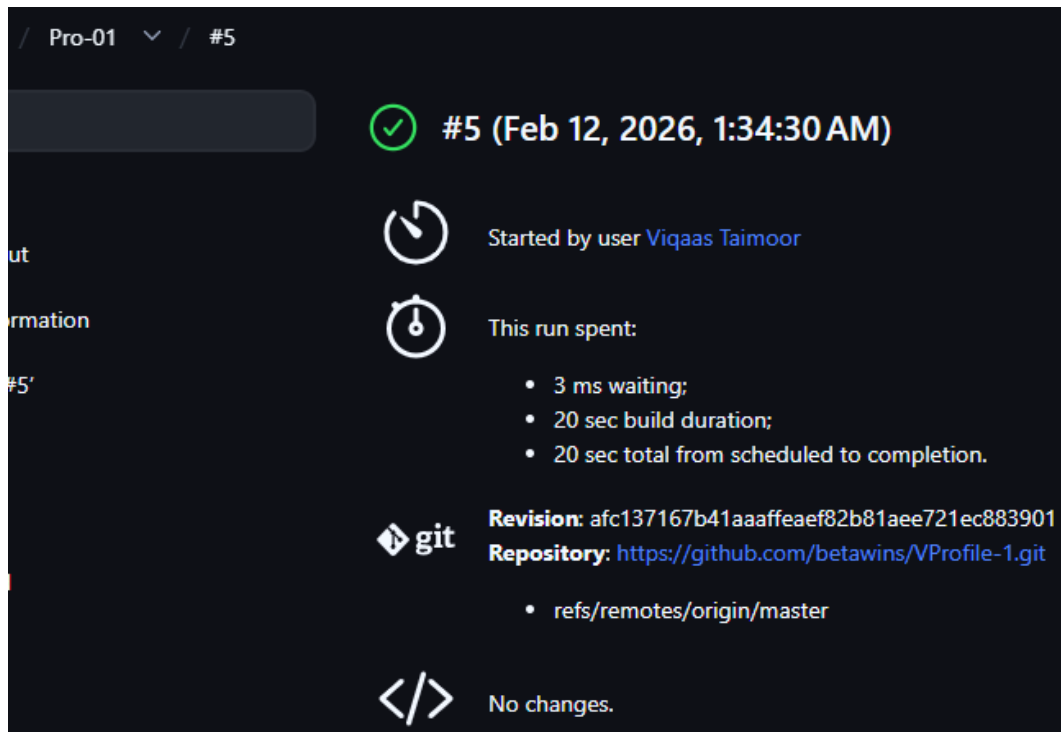


Jenkins Tasks -03

- 1. Create one Jenkins job using the below code and create three stages.

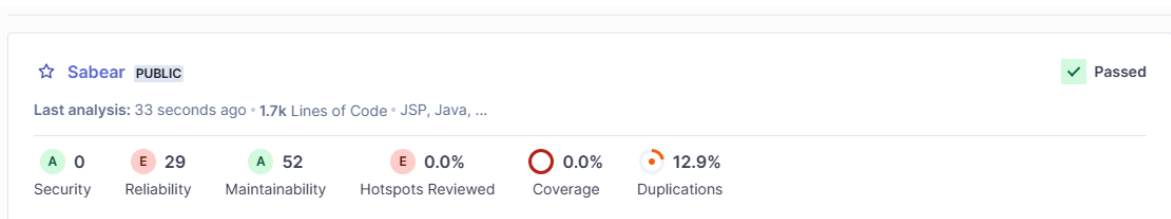
- **stage1:** Git clone to download the source code.



The screenshot shows the Jenkins job run summary for job #5. At the top, it says 'Pro-01' and '#5'. A green checkmark icon indicates the run is successful. The title is '#5 (Feb 12, 2026, 1:34:30 AM)'. Below this, it says 'Started by user Vikaas Taimoor'. A clock icon indicates the run time, with the text 'This run spent:'. The run time details are: 3 ms waiting; 20 sec build duration; 20 sec total from scheduled to completion. Below this, a git icon indicates the source code was cloned. The revision is 'afc137167b41aaafaeaf82b81aee721ec883901' and the repository is 'https://github.com/betawins/VProfile-1.git'. The branch is 'refs/remotes/origin/master'. At the bottom, a code icon indicates 'No changes.'

```
[ec2-user@ip-172-31-72-218 workspace]$ ls
Pro-01
[ec2-user@ip-172-31-72-218 workspace]$ cd Pro-01/
[ec2-user@ip-172-31-72-218 Pro-01]$ ls
Dockerfile  README.md  ansible  azure-pipelines.yml  pom.xml  src
[ec2-user@ip-172-31-72-218 Pro-01]$
```

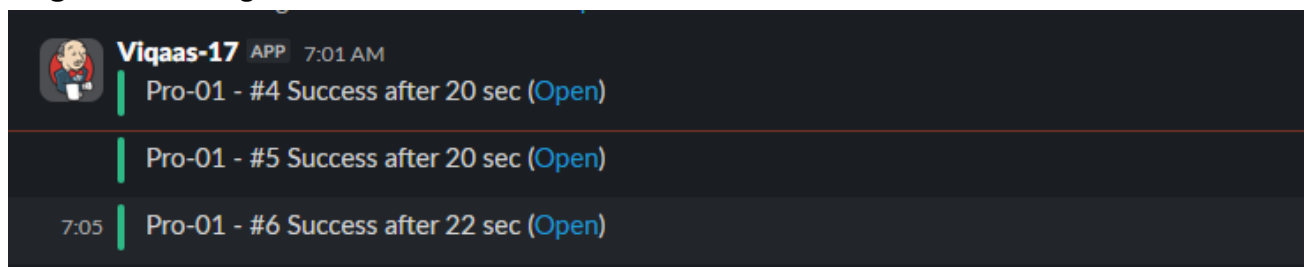
- **stage2:** SonarQube Integration to check the quality of code.



The screenshot shows the SonarQube analysis results for a project named 'Sabear'. The analysis is marked as 'Passed' with a green checkmark. The last analysis was 33 seconds ago, with 1.7k Lines of Code. The analysis covers JSP, Java, and other languages. The results are as follows:

Category	Value
Security	0
Reliability	29
Maintainability	52
Hotspots Reviewed	0.0%
Coverage	0.0%
Duplications	12.9%

- **stage3:** Slack Integration to send the alerts to slack.



The screenshot shows a Slack notification from 'Vikaas-17' at 7:01 AM. The notification contains three messages:

- Pro-01 - #4 Success after 20 sec (Open)
- Pro-01 - #5 Success after 20 sec (Open)
- 7:05 Pro-01 - #6 Success after 22 sec (Open)

- Create one Jenkins job using the below code and create three stages.

- **stage1:** Git clone to download the source code.

Jenkins Tasks -03

```
01:41:50.272 INFO SCM Publisher 4 source files to be analyzed
01:41:50.498 INFO SCM Publisher 4/4 source files have been analyzed (done) | time=226ms
01:41:50.500 INFO CPD Executor 1 file had no CPD blocks
01:41:50.509 INFO CPD Executor Calculating CPD for 0 files
01:41:50.513 INFO CPD Executor CPD calculation finished (done) | time=0ms
01:41:50.519 INFO SCM revision ID '9405b107fdffdf68e69fe953ea1f9669784f9d6a'
01:41:50.889 INFO Analysis report generated in 358ms, dir size=233.7 kB
01:41:50.925 INFO Analysis report compressed in 33ms, zip size=29.6 kB
01:41:51.144 INFO Analysis report uploaded in 218ms
01:41:51.145 INFO ANALYSIS SUCCESSFUL, you can find the results at: http://3.90.49.100:9000/dashboard?id=Test
01:41:51.145 INFO Note that you will be able to access the updated dashboard once the server has processed the submitted analysis report
01:41:51.146 INFO More about the report processing at http://3.90.49.100:9000/api/ce/task?id=1f851eab-6482-4e7c-8c67-fde8ee2622b4
01:41:51.167 INFO Analysis total time: 5.668 s
01:41:51.169 INFO SonarScanner Engine completed successfully
01:41:51.199 INFO EXECUTION SUCCESS
01:41:51.199 INFO Total time: 10.509s
[Slack Notifications] will send OnSuccessNotification because build matches and user preferences allow it
Finished: SUCCESS
```

```
[ec2-user@ip-172-31-72-218 workspace]$ ls
Pro-01 Pro-02
[ec2-user@ip-172-31-72-218 workspace]$ cd Pro-02
[ec2-user@ip-172-31-72-218 Pro-02]$ ls
Dockerfile Jenkinsfile README.md 'Untitled Diagram.drawio' jenkinsfile-cicd pom.xml src
[ec2-user@ip-172-31-72-218 Pro-02]$
```

- **stage2:** SonarQube Integration to check the quality of code.

☆ Test PUBLIC

✓ Passed

Last analysis: 42 seconds ago • 45 Lines of Code • XML, Docker, ...

A 0

C 3

A 0

E 0.0%

—

0.0%

Security Reliability Maintainability Hotspots Reviewed Coverage Duplications

2 of 2 shown

-
- **stage3:** Slack Integration to send the alerts to slack

Pro-01 - #6 Success after 22 sec (Open)

Vikaas-17 APP 7:11 AM

Pro-02 - #3 Success after 11 sec (Open)