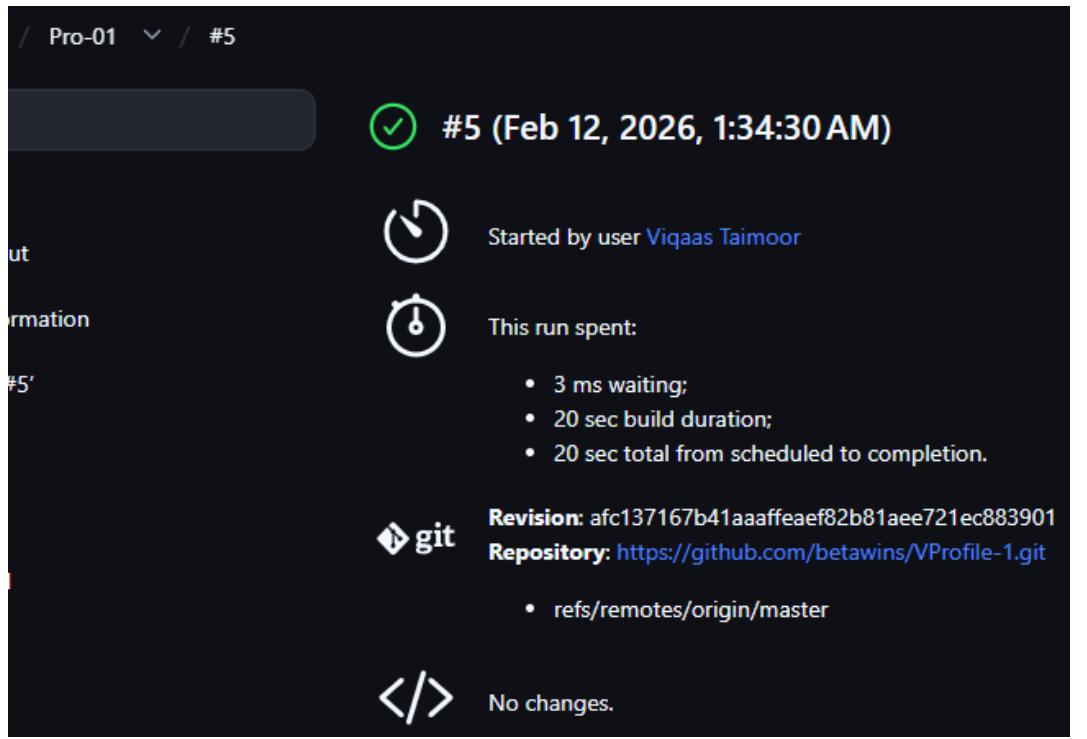


# Jenkins Tasks -03

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

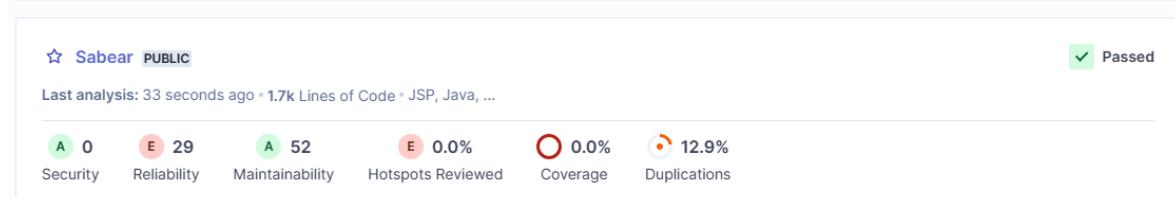
- o **stage1:** Git clone to download the source code.



The screenshot shows the Jenkins job history for 'Pro-01' build #5. It indicates a successful build at 1:34:30 AM on Feb 12, 2026. The build was started by user Vqaas Taimoor. The duration spent was approximately 20 seconds, with 3 ms waiting and 20 sec total from scheduled to completion. The revision is afc137167b41aaaffeaef82b81aee721ec883901, and the repository is https://github.com/betawins/VProfile-1.git. The log output shows no changes.

- o [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]\$ █

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

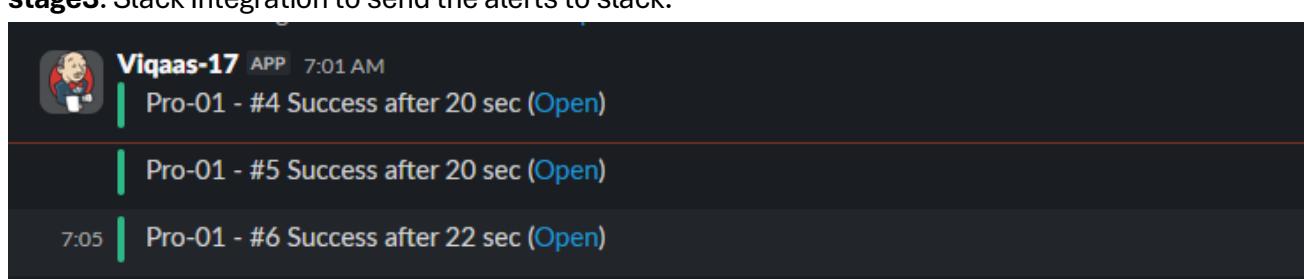


The screenshot shows the SonarQube analysis results for the Jenkins job. The analysis was completed 33 seconds ago, covering 1.7k Lines of Code in JSP, Java, etc. The results are as follows:

Category	Score	Percentage
Security	A	0
Reliability	E	29
Maintainability	A	52
Hotspots Reviewed	E	0.0%
Coverage	O	0.0%
Duplications	⌚	12.9%

Overall status: Passed

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



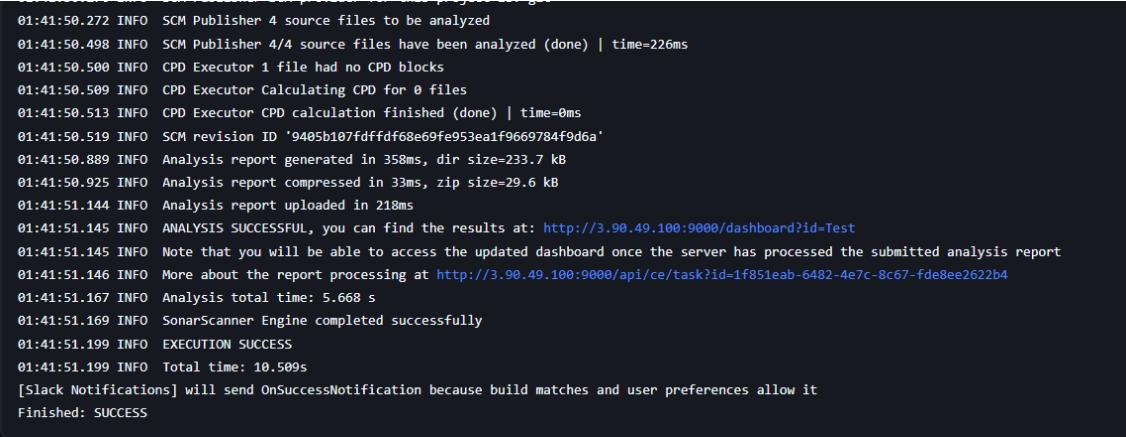
The screenshot shows a series of Slack messages from the channel 'Vqaas-17 APP'. It displays three successful Jenkins builds: #4, #5, and #6, each followed by a link to the build details.

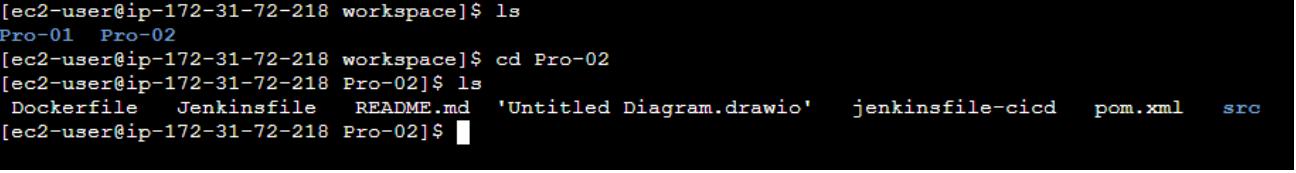
- o 7:01 AM | Vqaas-17 APP | Pro-01 - #4 Success after 20 sec ([Open](#))
  - o 7:05 AM | Vqaas-17 APP | Pro-01 - #5 Success after 20 sec ([Open](#))
  - o 7:05 AM | Vqaas-17 APP | Pro-01 - #6 Success after 22 sec ([Open](#))

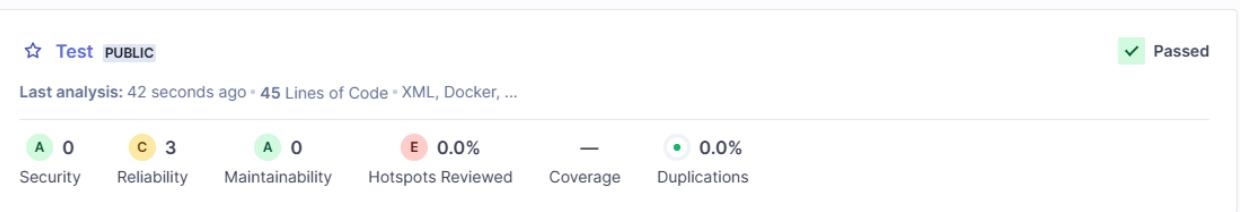
- Create one Jenkins job using the below code and create three stages.

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

# Jenkins Tasks -03

- 

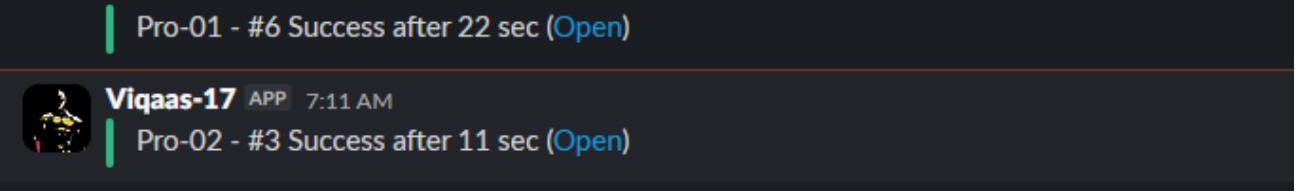
```
01:41:50.272 INFO SCM Publisher 4 source files to be analyzed
01:41:50.498 INFO SCM Publisher 4/4 source files have been analyzed (done) | time=226ms
01:41:50.500 INFO CPD Executor 1 file had no CPD blocks
01:41:50.509 INFO CPD Executor Calculating CPD for 0 files
01:41:50.513 INFO CPD Executor CPD calculation finished (done) | time=0ms
01:41:50.519 INFO SCM revision ID '9405b107fdffff68e69fe953ea1f9669784f9d6a'
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.  


A Test PUBLIC Passed

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

<span style="color: green;">A</span> 0	<span style="color: yellow;">C</span> 3	<span style="color: green;">A</span> 0	<span style="color: red;">E</span> 0.0%	—	<span style="color: green;">●</span> 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](#))

 **Viqas-17 APP** 7:11 AM

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