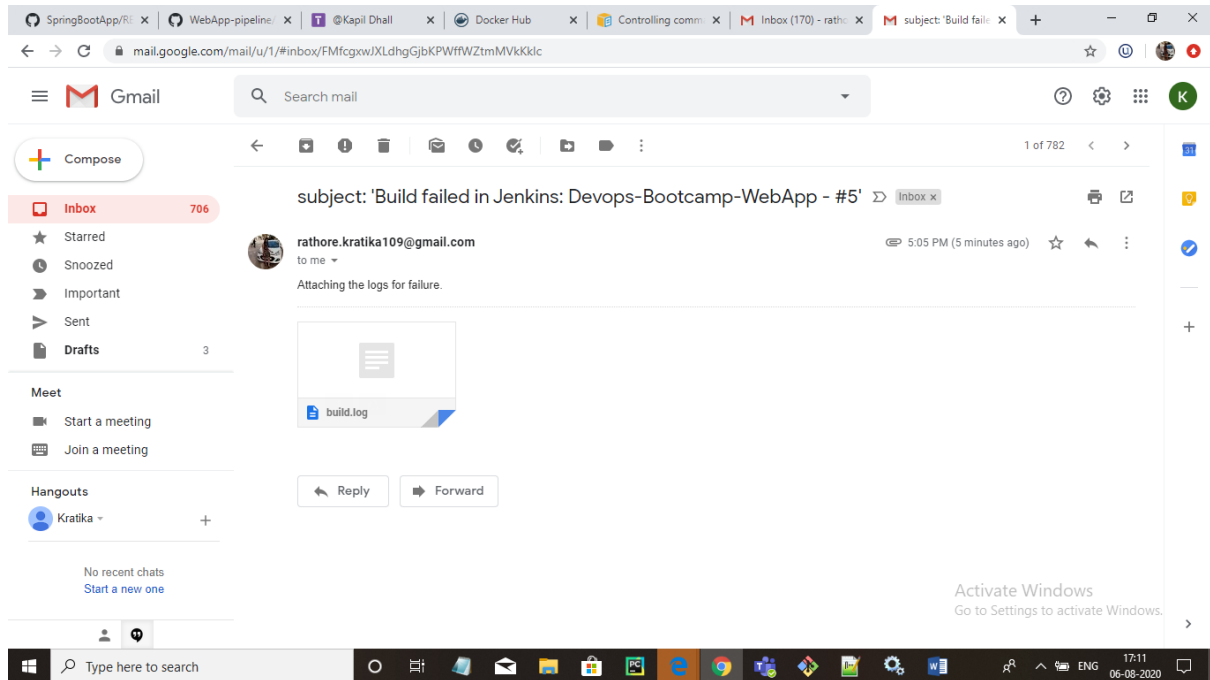
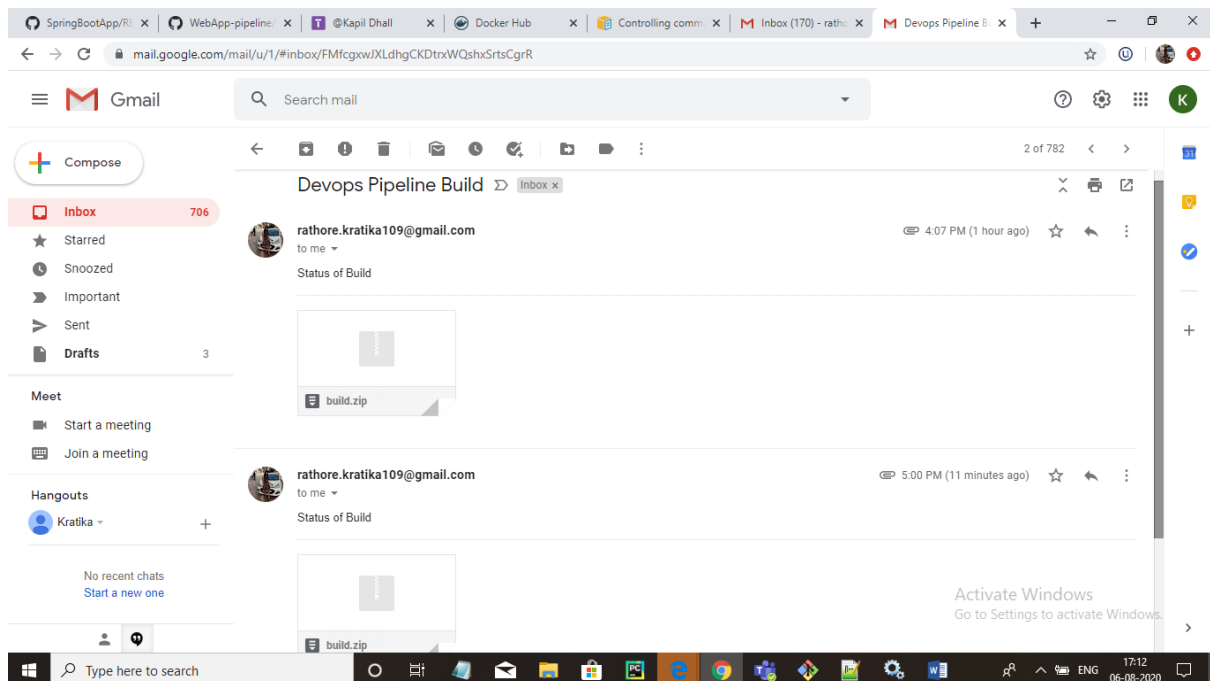


WebApp Mail Screenshots for Build Failure



WebApp Mail Screenshot after complete build



SonarQube Server Screenshot

The screenshot shows the SonarQube web interface in a browser window. The address bar displays the URL `35.247.184.143:9000/projects`. The page header includes navigation tabs: **sonarqube**, **Projects**, **Issues**, **Rules**, **Quality Profiles**, **Quality Gates**, and **Administration**. A search bar is located on the right with the placeholder text "Search for projects, sub-projects and files...".

On the left side, there is a sidebar with the following sections:

- My Favorites** and **All** tabs.
- Filters** section with a search input "Search by project name or key".
- Quality Gate** section showing a bar chart with 2 "Passed", 0 "Warning", and 0 "Failed" items.
- Reliability** section with a "sort list by" dropdown set to "worst" and a bar chart showing 2 items at grade "A", with 0 items at "B and worse", "C and worse", "D and worse", and "E".
- Security** section with a "sort list by" dropdown set to "worst" and a bar chart showing 2 items at grade "A", with 0 items at "B and worse", "C and worse", "D and worse", and "E".

The main content area displays a list of projects under the "List" tab. Two projects are shown:

- SpringBootApplication**: Quality Gate: **Passed**. Metrics: Reliability (A), Security (A), Maintainability (A), Coverage (91.7%), Duplications (0.0%), Java (88). Last analysis on August 6, 2020 4:42 PM.
- WebApp**: Quality Gate: **Passed**. Metrics: Reliability (A), Security (A), Maintainability (A), Coverage (100%), Duplications (0.0%), Java (60). Last analysis on August 6, 2020 4:57 PM.

At the bottom of the main content area, there is a red warning banner:

Embedded database should be used for evaluation purpose only
The embedded database will not scale, it will not support upgrading to newer versions of SonarQube, and there is no support for migrating your data out of it into a different database engine.
Go to Settings to activate Windows.

Below the banner, it states: "SonarQube™ technology is powered by SonarSource SA. Version 6.4 (build 25310) - LGPL v3 - Community - Documentation - Get Support - Plugins - Web API - About".

WebApp SonarQube

The screenshot shows the SonarQube dashboard for the "WebApp" project. The address bar displays the URL `35.247.184.143:9000/dashboard?id=WebAppKey`. The page header includes navigation tabs: **sonarqube**, **Projects**, **Issues**, **Rules**, **Quality Profiles**, **Quality Gates**, and **Administration**. A search bar is located on the right with the placeholder text "Search for projects, sub-projects and files...".

The dashboard for "WebApp" (Version 1.0.0) shows the following sections:

- Quality Gate**: **Passed**.
- Bugs & Vulnerabilities**:
 - Bugs: 0 (A)
 - Vulnerabilities: 0 (A)
 - New Bugs: 0 (A)
 - New Vulnerabilities: 0 (A)
- Code Smells**:
 - Debt: 50min (A)
 - Code Smells: 7
 - New Debt: 50min (A)
 - New Code Smells: 7
- Coverage**: 100% (A)
- Duplications**: Coverage on New Code

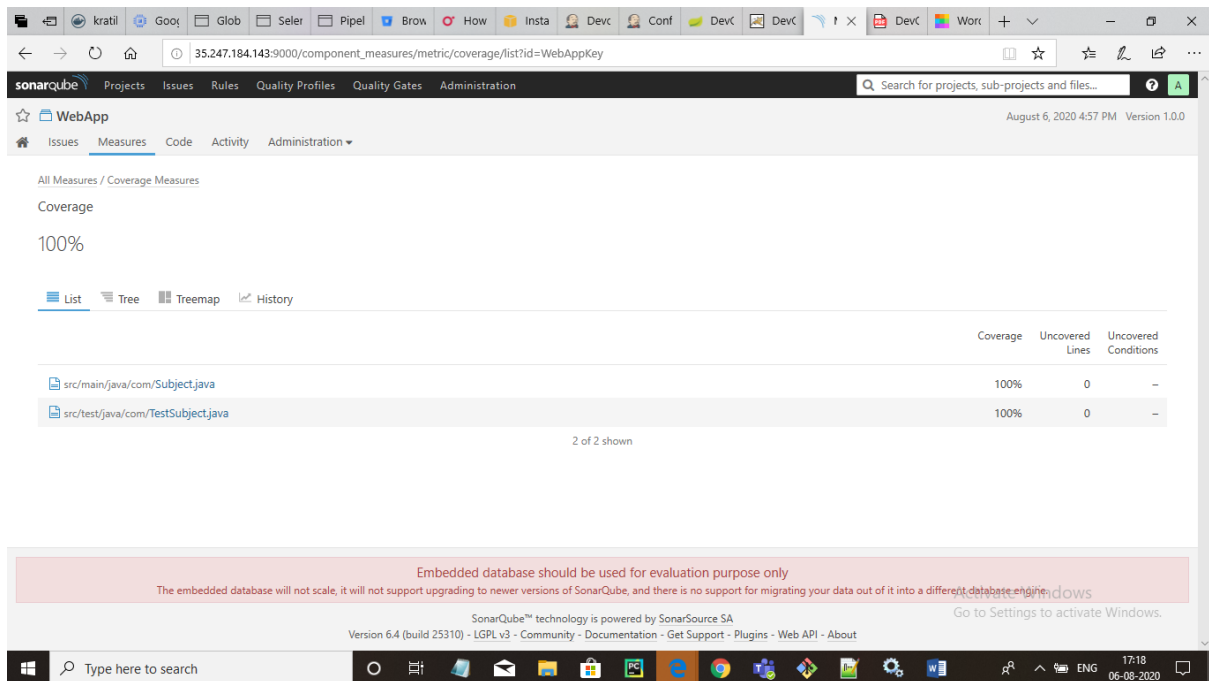
On the right side, there is a sidebar with the following sections:

- Lines of Code**: Java 60
- No tags** dropdown.
- Quality Gate**: (Default) SonarQube way
- Quality Profiles**: (Java) Sonar way
- Key**: WebAppKey
- Activity**:
 - August 6, 2020: Project Analyzed
 - August 6, 2020: Project Analyzed
 - August 4, 2020: Project Analyzed

At the bottom of the sidebar, there is a red warning banner:

Activate Windows
Go to Settings to activate Windows.

WebApp code coverage



The screenshot shows the SonarQube interface for a project named 'WebApp'. The page displays a coverage of 100%. Below this, there is a table showing the coverage for two files: 'src/main/java/com/Subject.java' and 'src/test/java/com/TestSubject.java'. Both files show 100% coverage, 0 uncovered lines, and 0 uncovered conditions. The page also includes a search bar, navigation tabs, and a footer with version information and a warning about the embedded database.

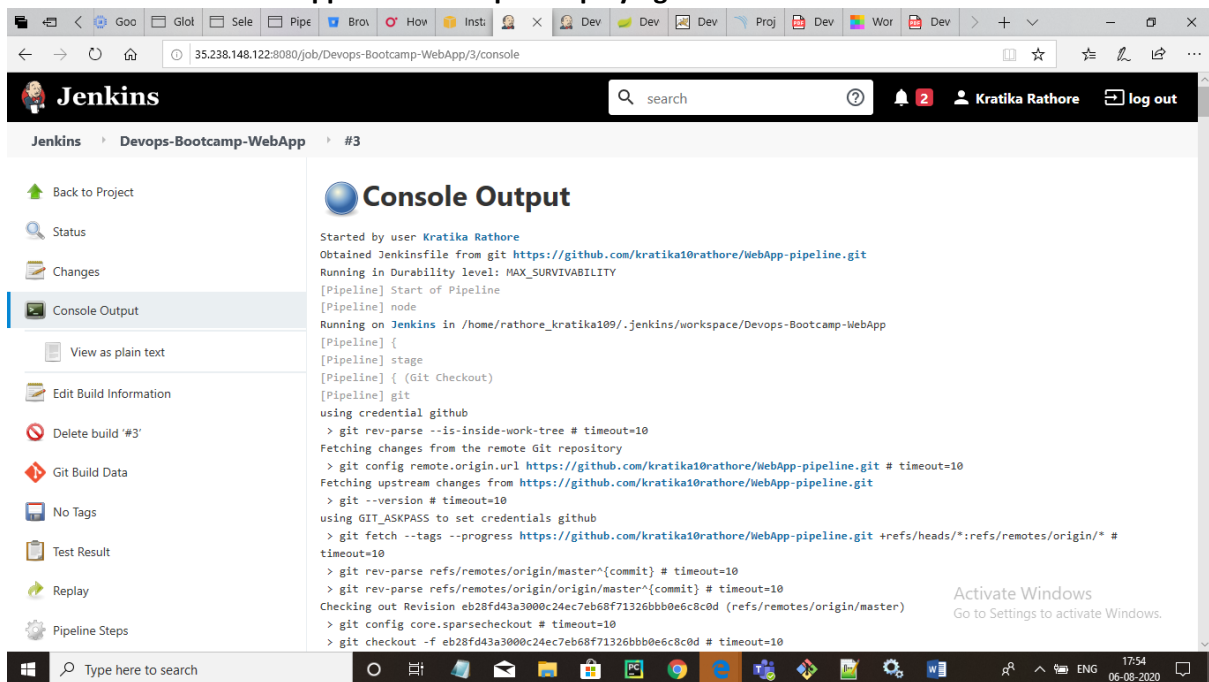
	Coverage	Uncovered Lines	Uncovered Conditions
src/main/java/com/Subject.java	100%	0	-
src/test/java/com/TestSubject.java	100%	0	-

2 of 2 shown

Embedded database should be used for evaluation purpose only
The embedded database will not scale, it will not support upgrading to newer versions of SonarQube, and there is no support for migrating your data out of it into a different database engine.
Go to Settings to activate Windows.

SonarQube™ technology is powered by SonarSource SA
Version 6.4 (build 25310) - LGPL v3 - Community - Documentation - Get Support - Plugins - Web API - About

Screenshot of WebAPP App Console output Displaying Name

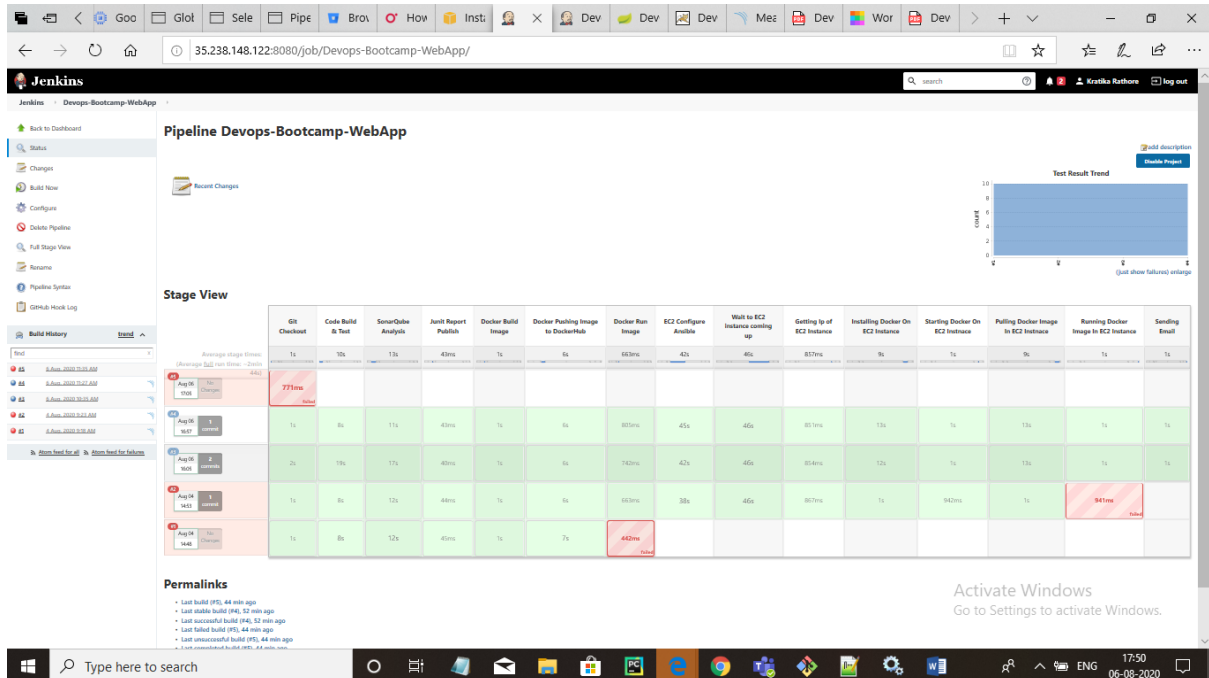


The screenshot shows the Jenkins console output for a build named 'WebAPP'. The output displays the build's progress, including the checkout of the repository and the execution of the build script. The build is currently in the 'Building' state. The console output shows the following steps:

- Started by user **Kratika Rathore**
- Obtained Jenkinsfile from git <https://github.com/kratika10rathore/WebApp-pipeline.git>
- Running in Durability level: MAX_SURVIVABILITY
- [Pipeline] Start of Pipeline
- [Pipeline] node
- Running on **Jenkins** in /home/rathore_kratika109/.jenkins/workspace/Devops-Bootcamp-WebApp
- [Pipeline] {
- [Pipeline] stage
- [Pipeline] { (Git Checkout)
- [Pipeline] git
- using credential github
- > git rev-parse --is-inside-work-tree # timeout=10
- Fetching changes from the remote Git repository
- > git config remote.origin.url <https://github.com/kratika10rathore/WebApp-pipeline.git> # timeout=10
- Fetching upstream changes from <https://github.com/kratika10rathore/WebApp-pipeline.git>
- > git --version # timeout=10
- using GIT_ASKPASS to set credentials github
- > git fetch --tags --progress <https://github.com/kratika10rathore/WebApp-pipeline.git> +refs/heads/*:refs/remotes/origin/* # timeout=10
- > git rev-parse refs/remotes/origin/master^{commit} # timeout=10
- > git rev-parse refs/remotes/origin/master^{commit} # timeout=10
- Checking out Revision eb28fd43a3000c24ec7eb68f71326bbb0e6c8c0d (refs/remotes/origin/master)
- > git config core.sparsecheckout # timeout=10
- > git checkout -f eb28fd43a3000c24ec7eb68f71326bbb0e6c8c0d # timeout=10

WebApp Pipeline Screenshot

I have changes the git credential to check mail alert so job failed at first stage. Then updated with correct one.



JUnit Test Report

Jenkins > Devops-Bootcamp-WebApp > #3 > Test Results > (root) > TestSubject

Test Result : TestSubject

0 failures (±0)

10 tests (±0)
Took 0.19 sec.
[add description](#)

All Tests

Test name	Duration	Status
testSubject1Equals()	17 ms	Passed
testSubject1False()	5 ms	Passed
testSubject1NotEquals()	0.12 sec	Passed
testSubject1NotNull()	15 ms	Passed
testSubject1NotSame()	8 ms	Passed
testSubject2Equals()	4 ms	Passed
testSubject2False()	14 ms	Passed
testSubject2NotEquals()	4 ms	Passed
testSubject2NotNull()	3 ms	Passed
testSubject2NotSame()	5 ms	Passed

Activate Windows
Go to Settings to activate Windows.

Job

Jenkins > Devops-Bootcamp-WebApp > configure

35.238.148.122:8080/job/Devops-Bootcamp-WebApp/configure

General Build Triggers Advanced Project Options Pipeline

☐ Build other projects are built

☐ Build periodically

☐ GitHub Branches

☐ GitHub Pull Requests

☐ GitHub hook trigger for GITSCM polling

☐ Poll SCM

☐ Disable this project

☐ Quiet period

☐ Trigger builds remotely (e.g., from scripts)

Advanced Project Options

Pipeline

Definition: Pipeline script from SCM

SCM: Git

Repositories

Repository URL:

Credentials: [Add](#)

[Advanced...](#)

[Add Repository](#)

Branches to build

Branch Specifier (blank for 'any'):

[Add Branch](#)

Repository browser:

Additional Behaviours: [Add](#)

Script Path:

[Save](#) [Apply](#)

Activate Windows
Go to Settings to activate Windows.

Running container Output in Jenkins Server

