
System Requirements Specification Index

For

Git Reset

Version 1.0

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TABLE OF CONTENTS

1	Project Abstract	3
2	Assessment Objectives	3
3	Assessment Tasks	3
4	Execution Steps	3

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1 PROJECT ABSTRACT

This document outlines the structure for a **Git Reset git assessment** designed to evaluate the candidate's proficiency in using Git commands, integrating these commands within a Java application, and managing the build process with Maven. The assessment involves executing specified Git commands, verifying their correctness through a Java application, and using Maven to build and test the application.

2 ASSESSMENT OBJECTIVES

The objective of this assessment is to test the candidate's ability to utilize git commands effectively with a project environment.

3 ASSESSMENT TASKS

1. Open the terminal in the parent folder. Ensure that the folder path matches the email ID you used for the assessment.
2. Initialize an empty git repository.
3. Set up global config with your email ID and name.
4. Create a file named index.txt and add content to it i.e "This is the initial content."
5. Create a file named about.txt and add content to it i.e "This is the about page content."
6. Stage both files and commit them with the message "Initial commit: Add index and about text files".
7. Modify index.txt by updating its content to "Updated content for the homepage."
8. Modify about.txt by updating its content to "Updated about page content."
9. Stage and commit the changes with the message "Update content in index.txt and about.txt".
10. Perform a soft reset to the previous commit (commit with the message "Update content in index.txt and about.txt").
11. Perform a hard reset to the very first commit (commit with the message "Initial commit: Add index and about text files".).
12. Modify index.txt to have the content "Corrected content for the homepage."
13. Modify about.txt to have the content "Corrected about page content."
14. Stage and commit the changes with the message "Corrected content in index.txt and about.txt".

4 EXECUTION STEPS TO FOLLOW

1. To open the command terminal, you need to go to the Application menu (Three horizontal lines at left top) -> Terminal -> New Terminal.
2. Once you perform all tasks, please open another terminal with the root address (path with project name).
3. To run your project use command:
mvn clean install exec:java -Dexec.mainClass="mainapp.MyApp" -DskipTests=true

4. To test your project, use the command
mvn test
5. These are time bound assessments the timer would stop if you logout and while logging in back using the same credentials the timer would resume from the same time it was stopped from the previous logout.