System Requirements Specification Index

For

Git Ignore Files

Version 1.0

IIHT Pvt. Ltd.
fullstack@iiht.com

TABLE OF CONTENTS

Ignore Files

System Requirements Specification

1 Project Abstract

This document outlines the structure for a **Ignore Files 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 or update the .gitignore file to ignore all .log files.
5. Create a file named example.log to act as an untracked file.
6. Stage and commit the changes with the message "Add .gitignore to ignore log files"
7. Create a directory named empty_directory.
8. Inside the empty_directory, create a file named .gitkeep to ensure that the empty directory is tracked by Git.
9. Stage and commit the changes with the message "Track empty directory using .gitkeep"
10. Create a file named tracked_file.txt and add it to the staging area.
11. Commit the changes with the message "Add tracked file".
12. Remove tracked_file.txt from Git's tracking (but keep it in the working directory).
13. Add tracked_file.txt to the .gitignore file to ensure it is ignored by Git in the future.
14. Commit the changes with the message "Stop tracking tracked_file.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.