

## Software Engineering Tools Lab

### Assignment No-8

**PRN: 2020BTECS00033**

**Name: Prathamesh Raje**

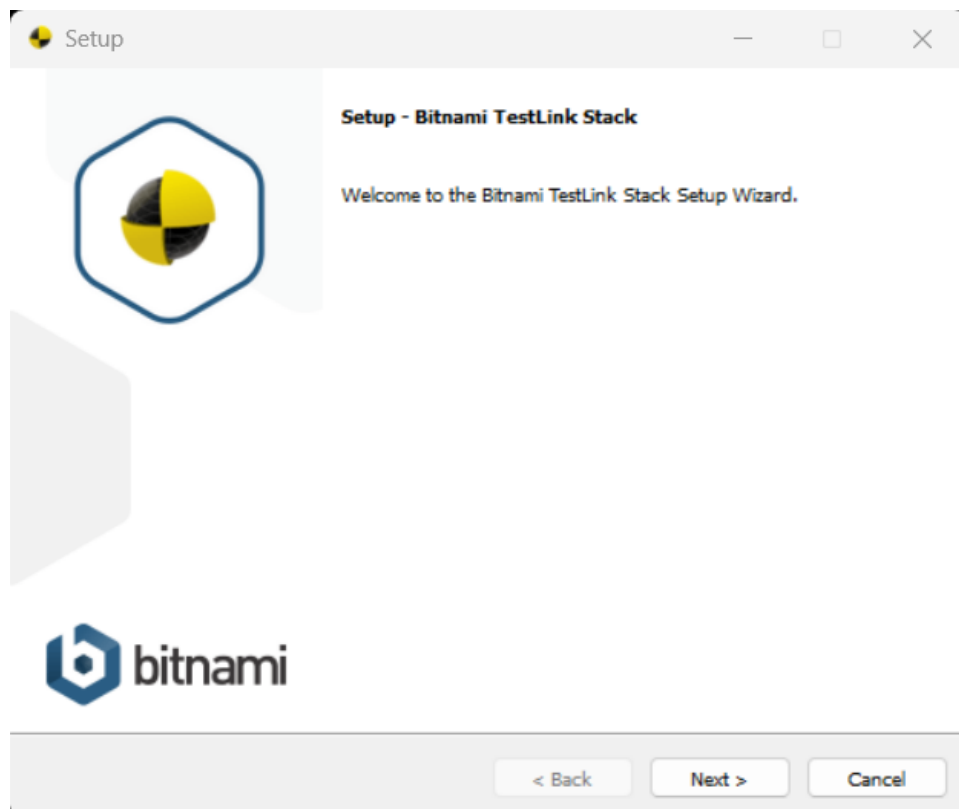
**Batch: T6**

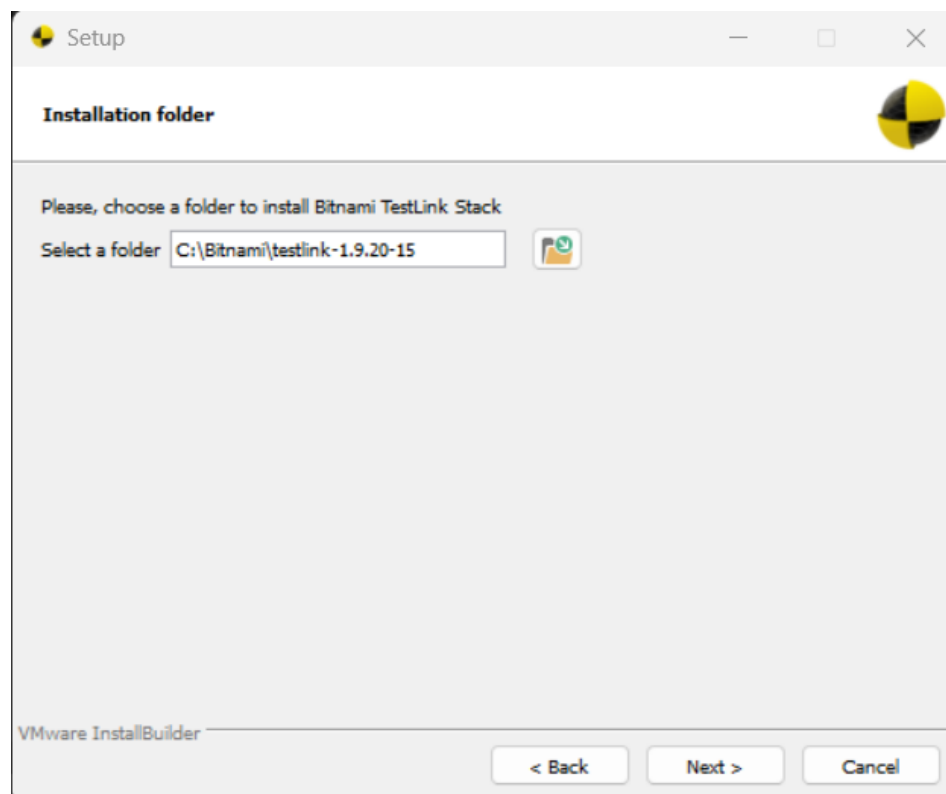
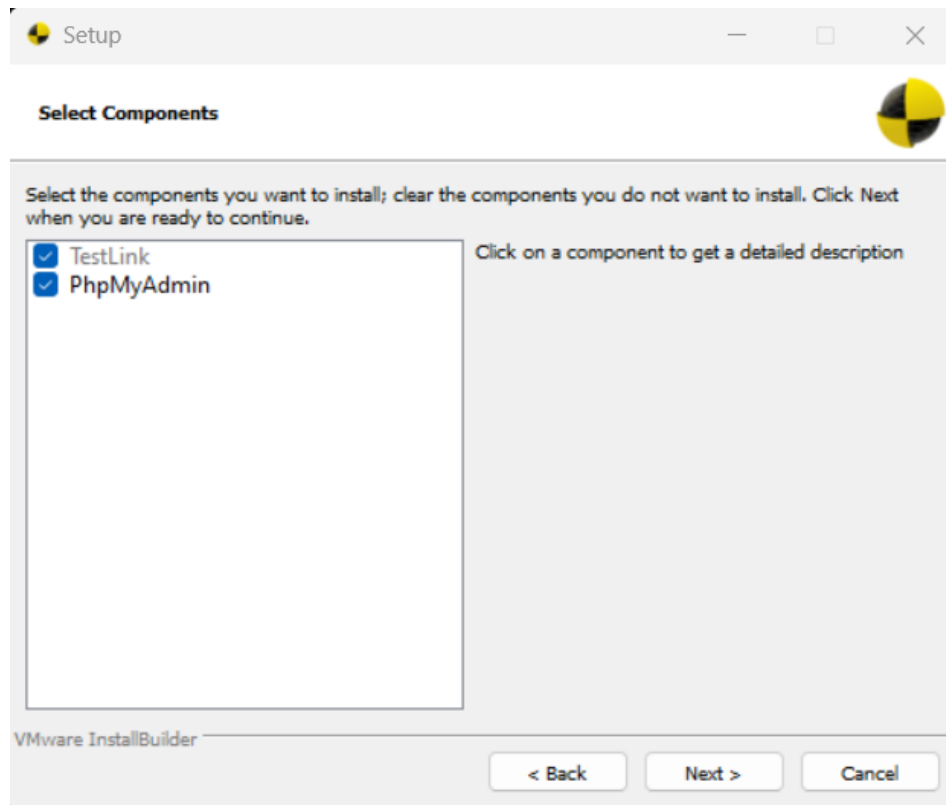
**Q1) What are the prerequisites for installing the TestLink tool.**

**Ans:**

Testlink requires these programs:

1. MySQL 4.0.x
2. php 4.3.x
3. Web Server (Apache 1.3.x or 2.0.x and higher, IIS 3 and higher, etc.)





Setup

**Create Admin account**

Bitnami TestLink Stack admin user creation

Your real name

Email Address

Login

Password

Please confirm your password

VMware InstallBuilder

< Back Next > Cancel

Setup

**MariaDB Information**

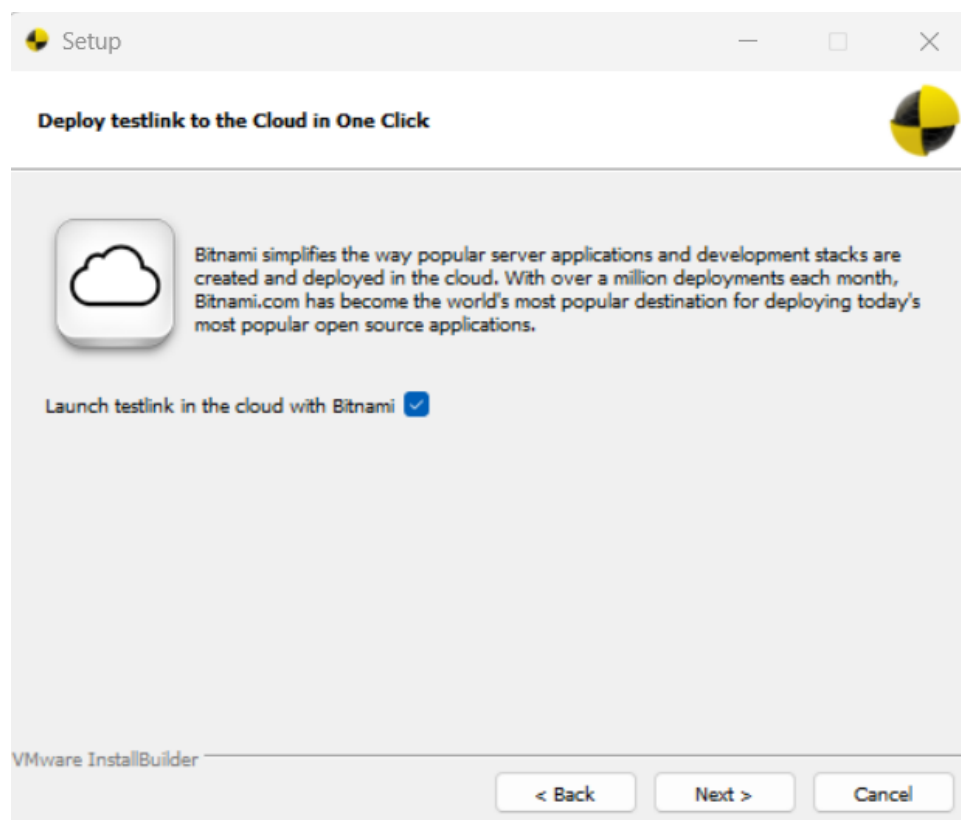
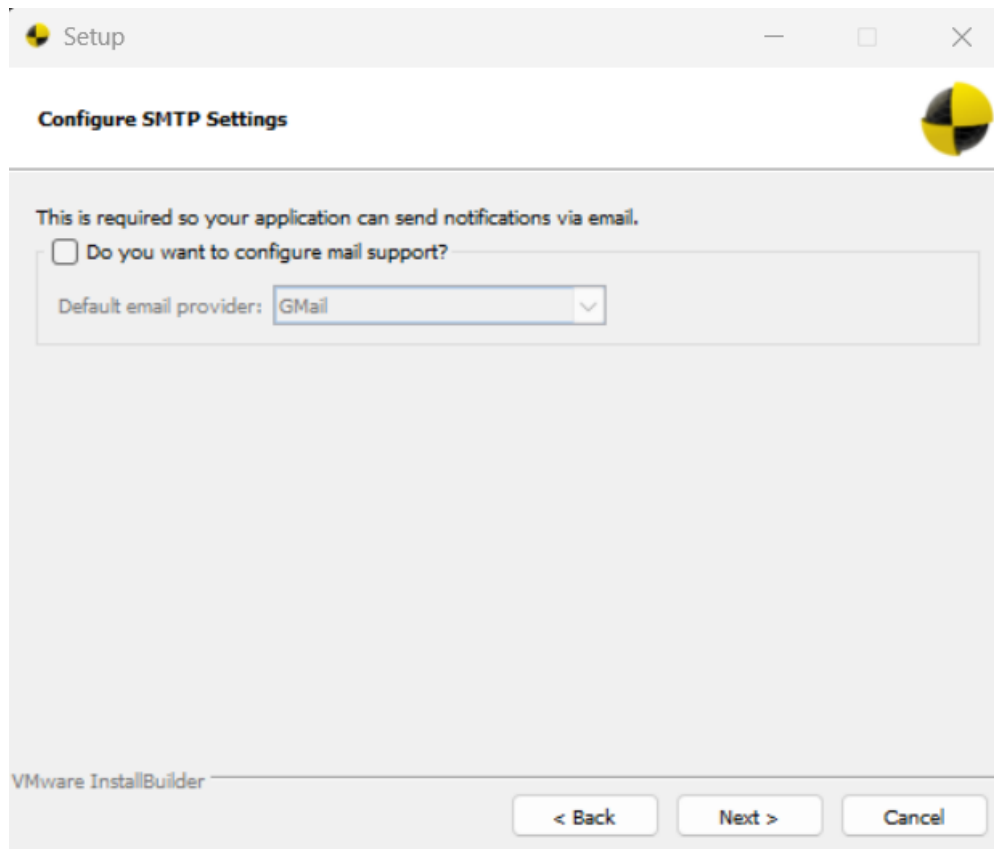
Please enter your MariaDB database information:

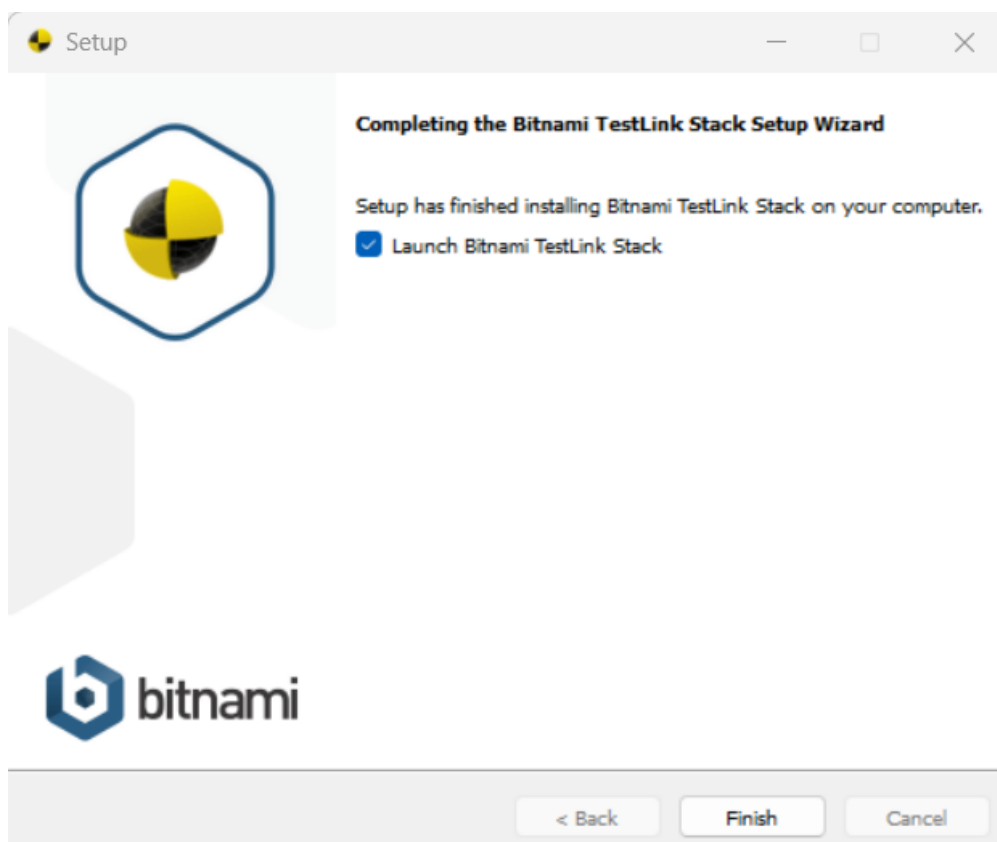
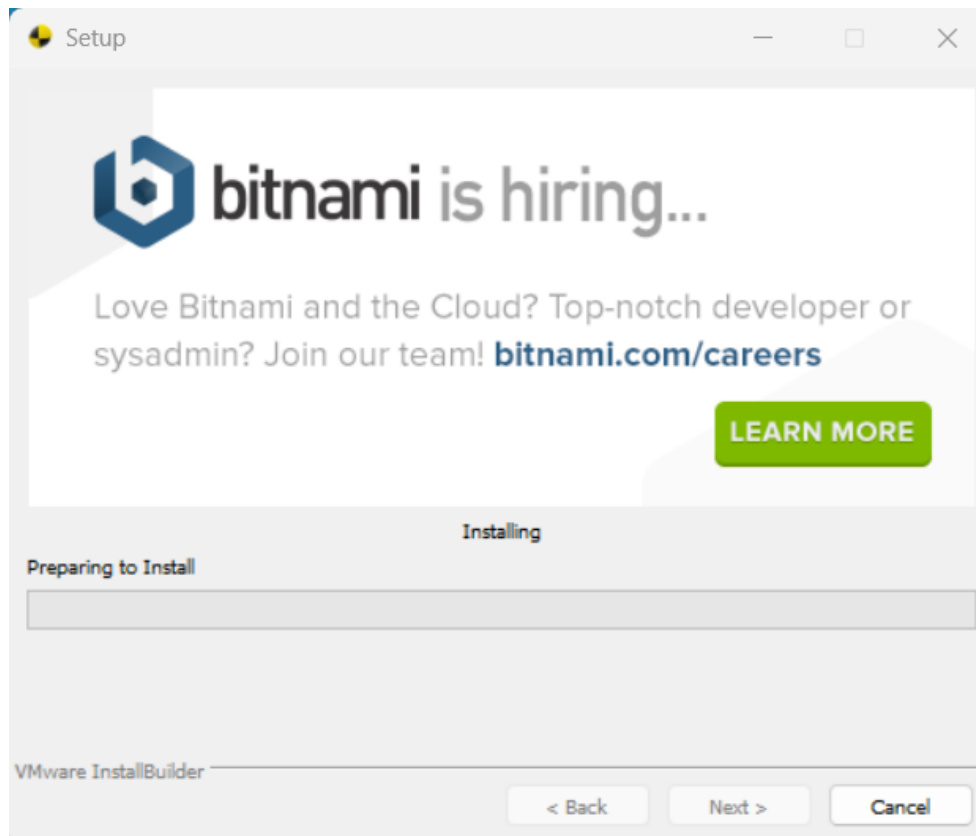
Choose a port that is not currently in use, such as port 3307.

MariaDB Server port

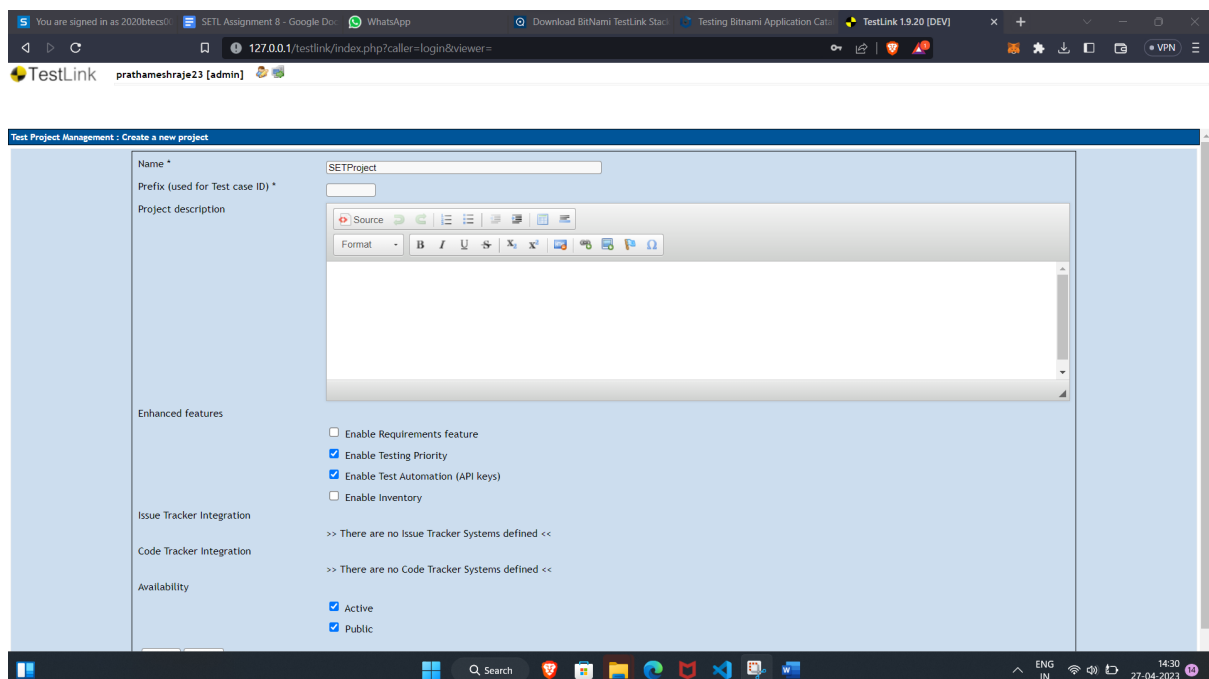
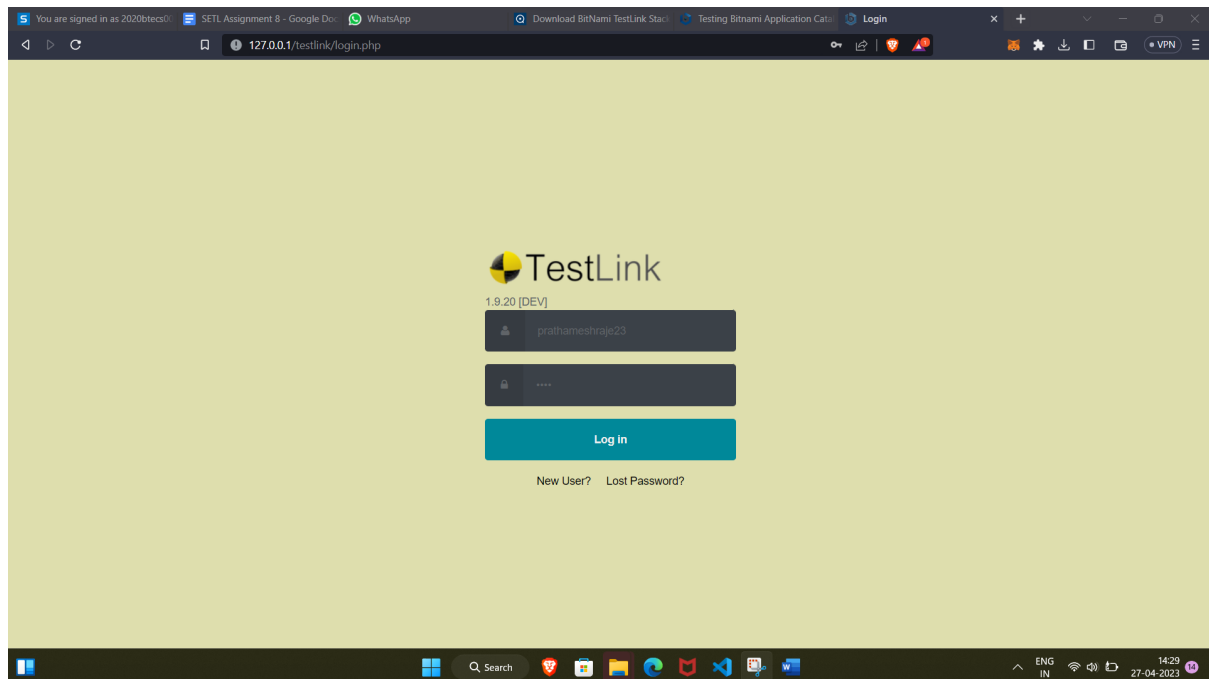
VMware InstallBuilder

< Back Next > Cancel





## Create new Test Project as SETProject



## Create Testplan as SETProjectTestPlan

TestLink prathameshraje23 [admin]

Test Plan Management - Test Project SETProject

### Edit Test Plan - SETProjectTestPlan

Name: SETProjectTestPlan

Description:

Source

Format

This is about the SET project test plan.

Active: ☐

Public: ☐

API Key: 8295dc5a46c46458ca76cd100f2799201bdf328620494a2efc4a353d061fc62

TestLink prathameshraje23 [admin]

Test Plan Management - Test Project SETProject

Show 20 entries

Search:

Name	Description	Test Case #	Build #	Active	Public
SETProjectTestPlan	This is about the SET project test plan.	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Showing 1 to 1 of 1 entries

Previous 1 Next

Create

## Create Build as SETProjectBuild

TestLink prathameshraje23 [admin]

Build management - Test Plan - SETProjectTestPlan

### Create a new Build

Title: SETProjectBuild

Description:

Normal

It is a SET Project Build

body: p

Active: ☒

Open: ☒

Release date:

commit id:

tag:

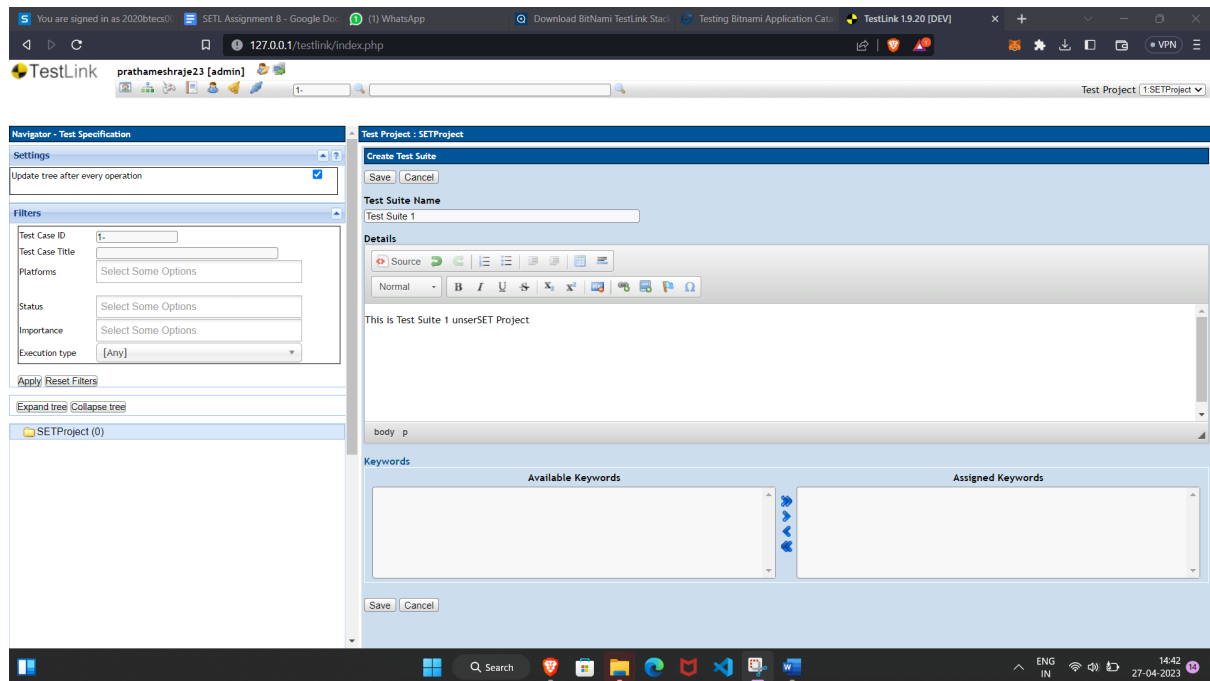
branch:

release candidate:

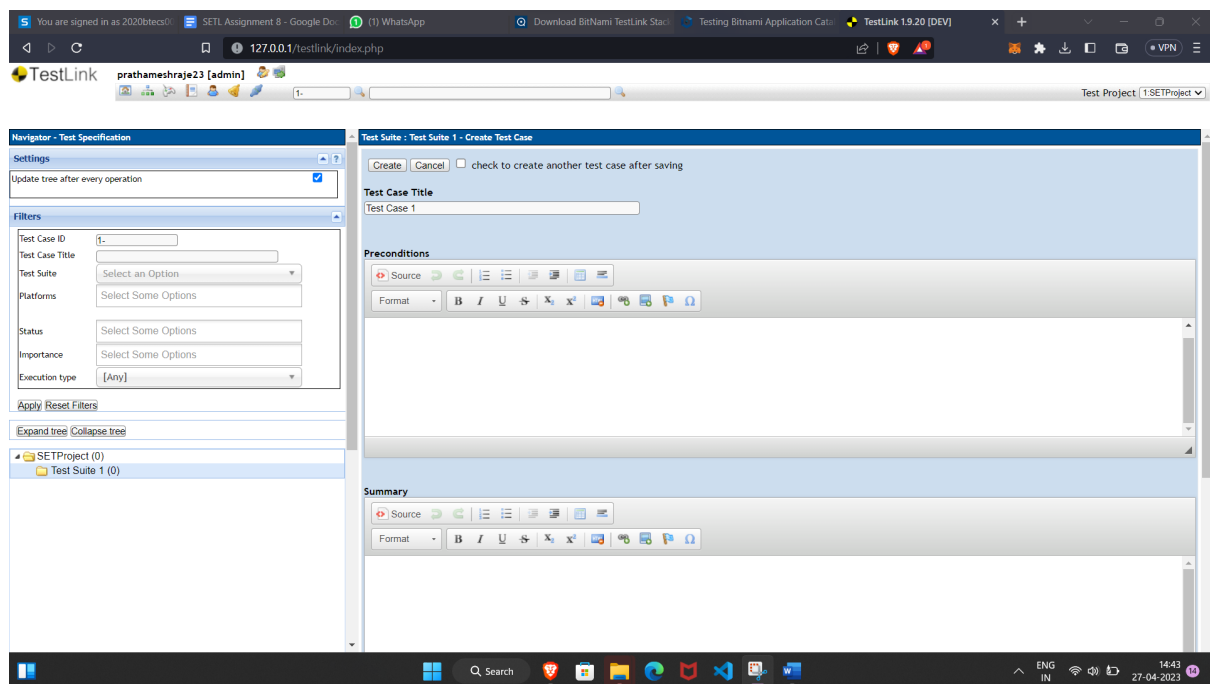
A build is identified by its title. Each build is related to the active Test Plan.  
Description should include: list of delivered packages, fixes or features, approvals, status, etc.  
A build has two attributes:  
Active / Inactive - defines whether the build can be used. Inactive builds are not listed on the execution and reports pages.  
Open / Closed - Only for open builds, test results can be modified.

Create Cancel

## Create TestProjectSuite as Test Suite 1



## Create test cases in the Test Link Tool





**TestLink 1.9.20 [DEV]**

**Navigator - Test Specification**

Settings: Update tree after every operation ☒

Filters:

- Test Case ID: 1-
- Test Case Title:
- Test Suite: Select an Option
- Platforms: Select Some Options
- Status: Select Some Options
- Importance: Select Some Options
- Execution type: [Any]

Apply Reset Filters

Expand tree Collapse tree

SETProject (1)

- Test Suite 1 (1)
  - 1-4-Test Case 1

**Create Step - Test Case: 1-4-Test Case 1 - Version: 1**

1-4 : Test Case 1 - Version: 1

Preconditions

Summary

Save Save & exit Cancel

#	Step actions	Expected Results	Execution
1	Test Case need to run	It should give correct output.	Manual

body p

body p

Save Save & exit Cancel

## Assign the Created Tests

**TestLink 1.9.20 [DEV]**

**Add/Remove Test Cases**

Settings: Test Plan: SETProjectTestPlan, Tests Grouped By: Test Suite, Update tree after every operation ☒

Filters:

- Test Case ID: 1-
- Test Case Title:
- Test Suite: Select an Option
- Platforms: Select Some Options
- Status: [Any]
- Importance: [Any]
- Execution type: [Any]

Apply Reset Filters Advanced Filters

Expand tree Collapse tree Show Full (on right pane)

SETProject

- Test Suite 1 (1)

**Test Plan: SETProjectTestPlan - Add Test Cases to Test Plan**

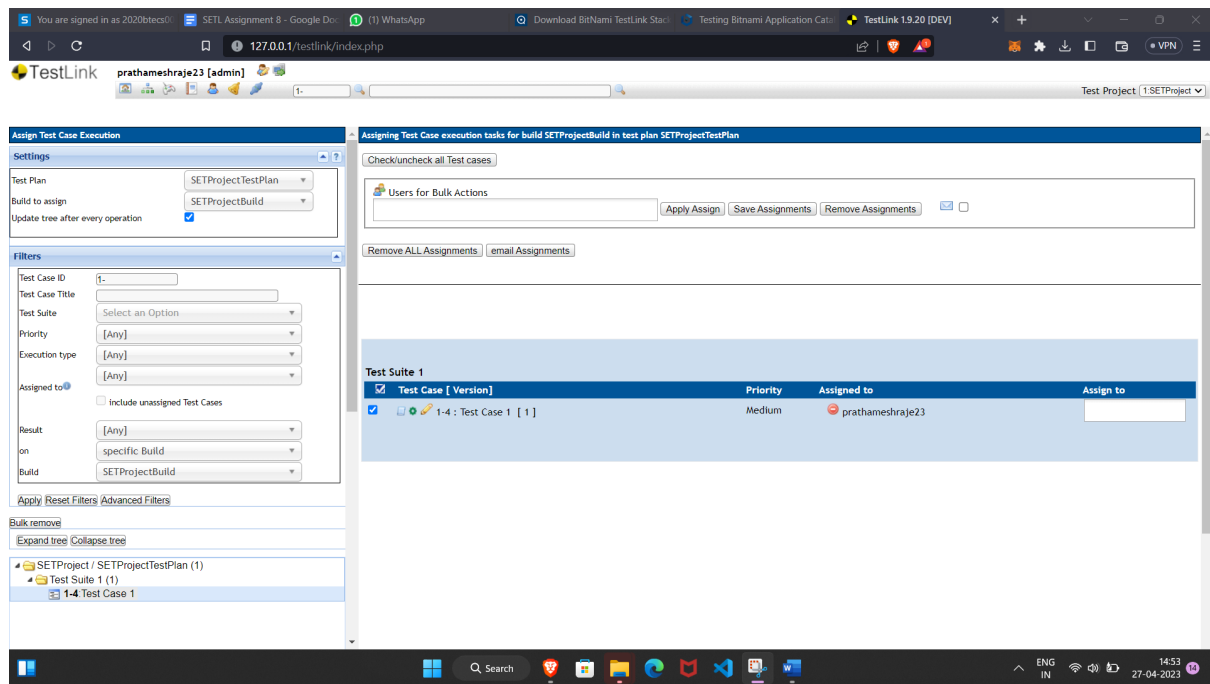
Assign to user on add [prathameshraj23] on build [SETProjectBuild] Send mail notification to tester ☐

Check/uncheck all Test cases for [adding] [removal] Add selected Save order

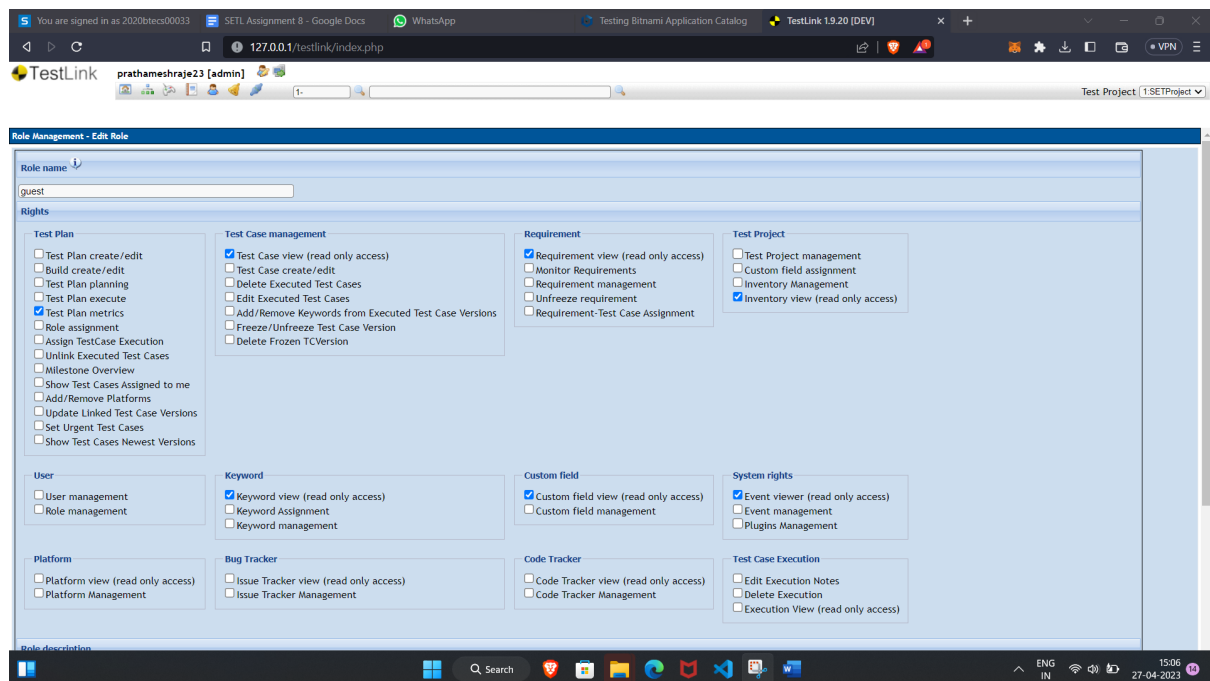
Test cases with Latest Version with status with one of these values (Obsolete,Future) will not be displayed in this screen

Test Suite 1

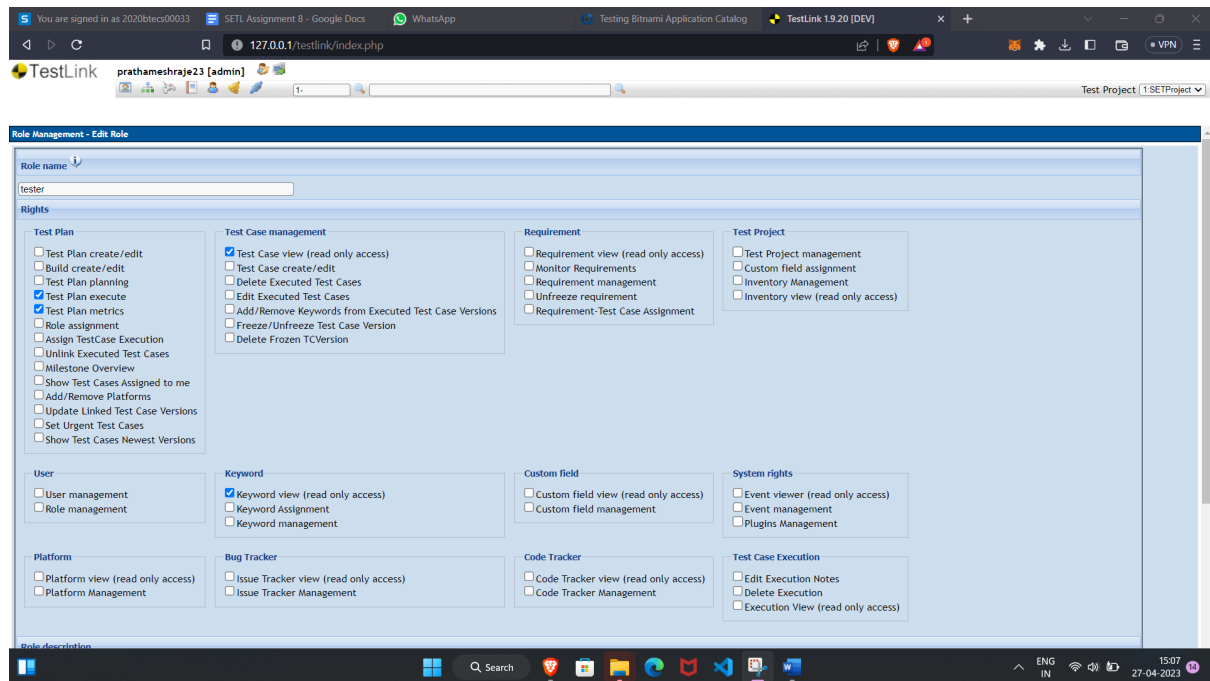
Test Case	Version	Status	Importance	Count
1-4 : Test Case 1	1	Draft	Medium	10000



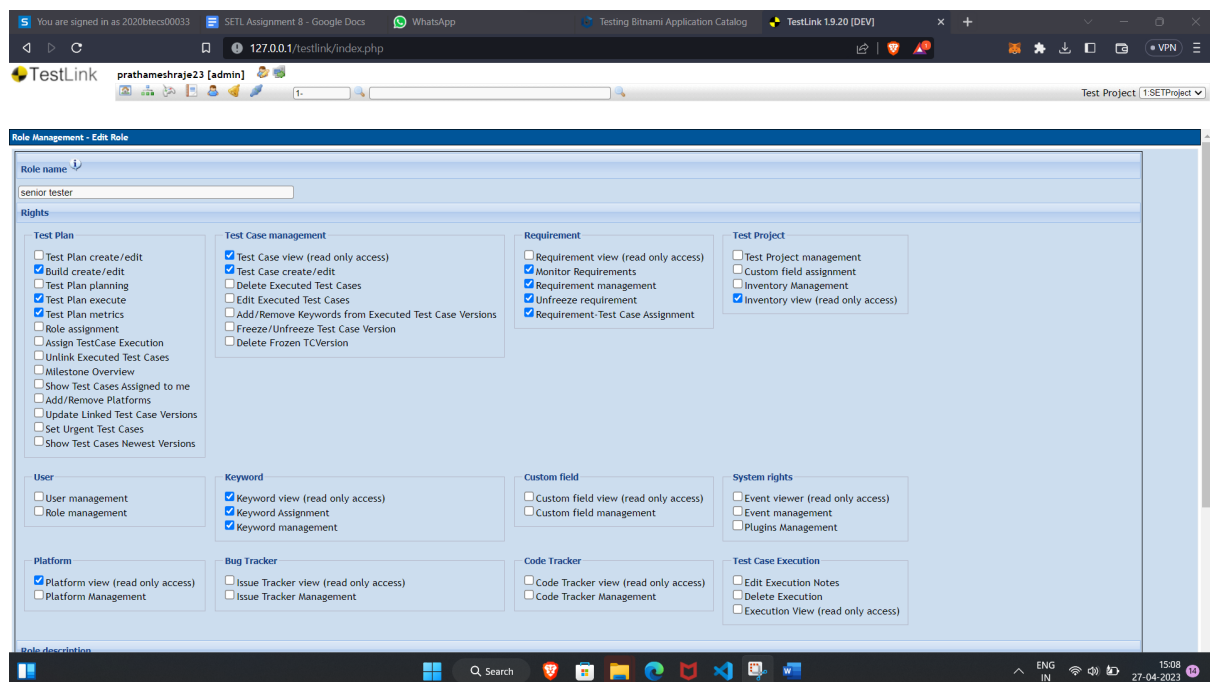
Create different roles as given below in the TestLink  
Guest:



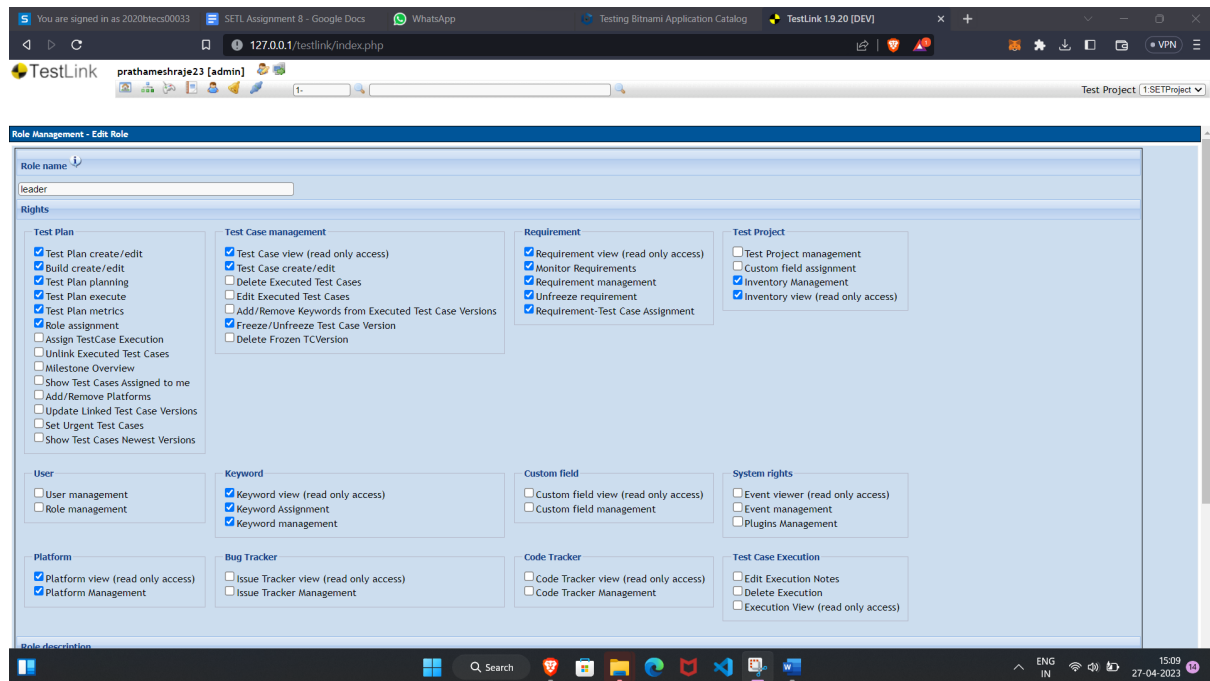
## Tester:



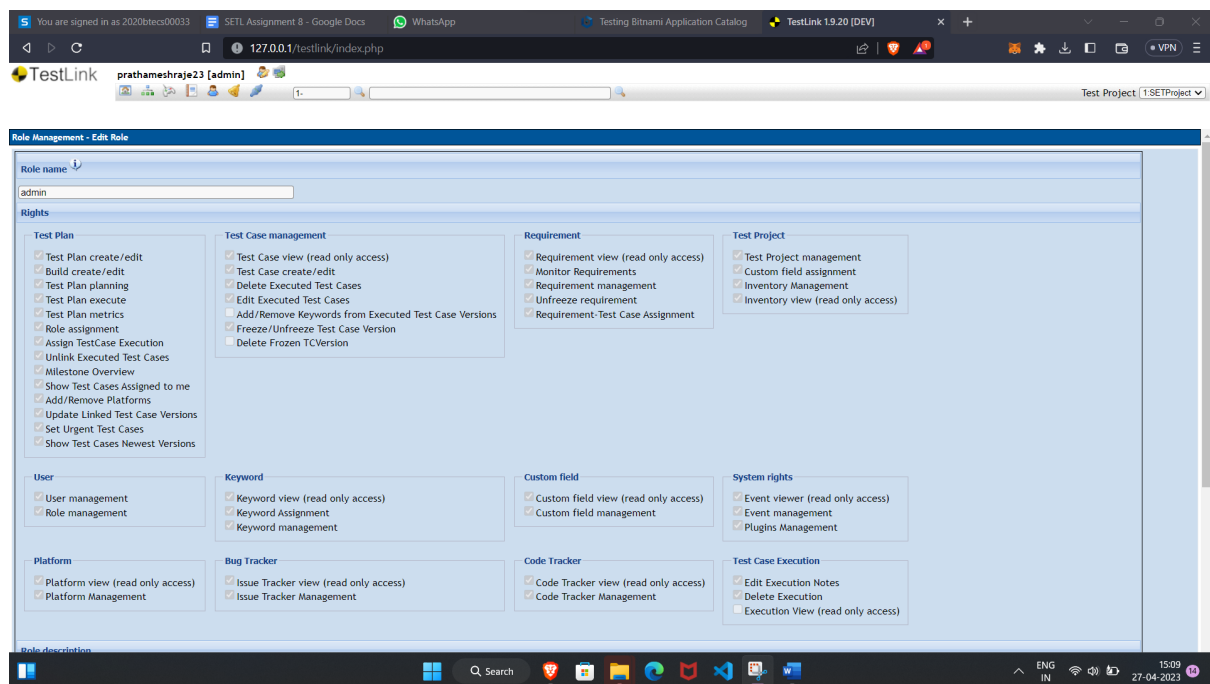
## Senior Tester:



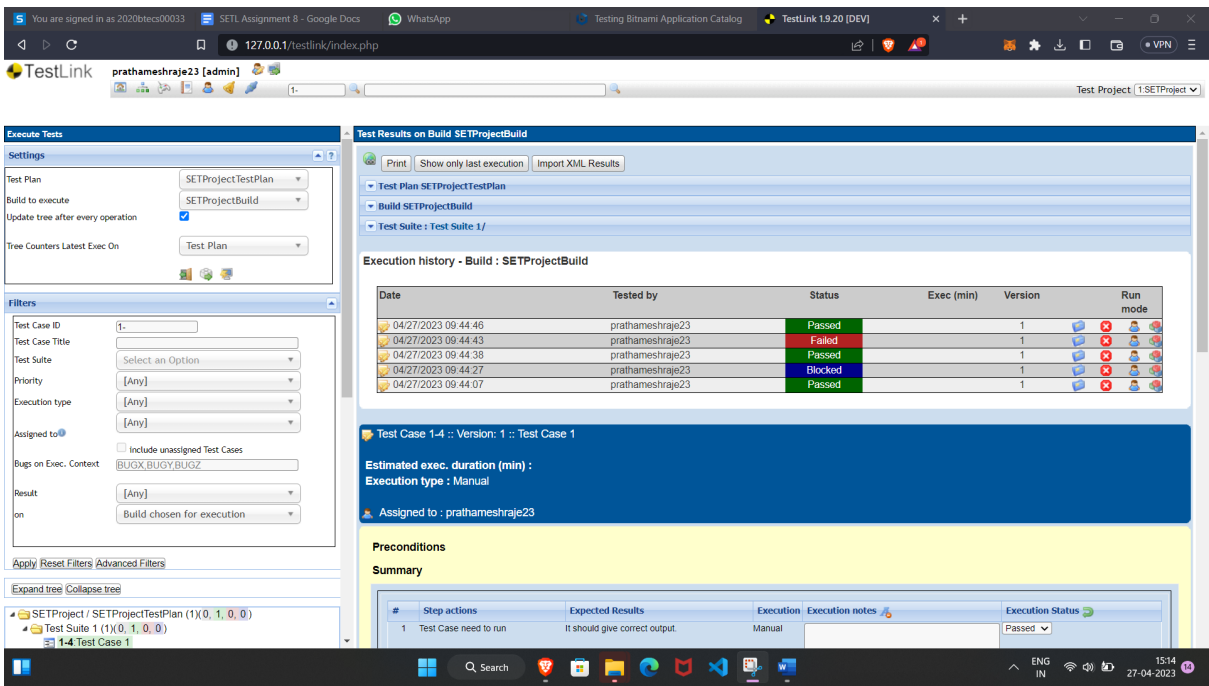
## Leader:



## Admin:



Execute test cases:



Generate a test report in excel format

