GITA AUTOMATION TESTING PROJECT

MAIAS OMAR

ABOUT ME

My name is Maias omar , and I'm 24 years old I am from Deir Hanna

I hold a bachelor's degree in Computer Science and Mathematics.

I thrive in collaborative environments and love contributing to meaningful projects.

Fun fact: I'm always eager to learn and grow in the tech world!

OVERVIEW OF TESTING ACTIVITIES

Purpose of Testing: "We test to make sure everything works well, doesn't break, and feels easy for people to use."

What We Test: "We check the login page and we also test adding new projects in Gitea."

How We Test: "We use a smart tool called Selenium to automatically test how things work."

SYSTEM ARCHITECTURE OF GITEA
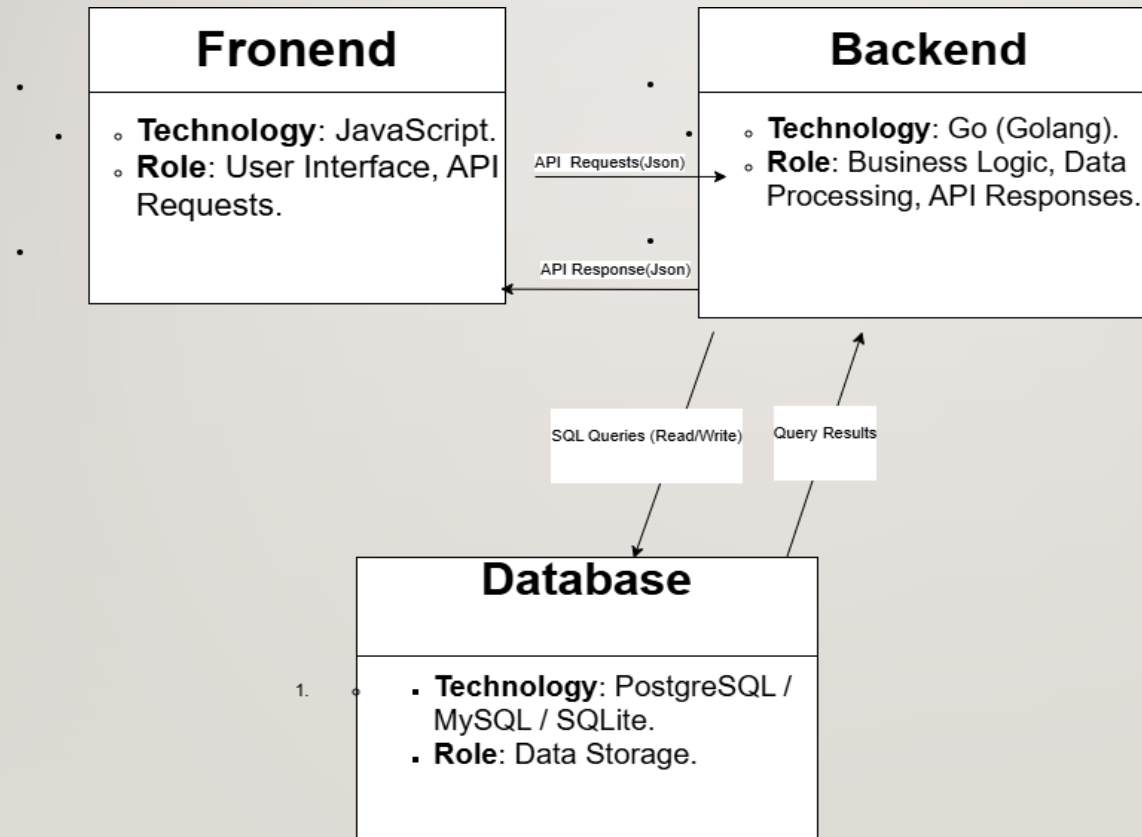
TEST PLAN

FEATURES TO BE TESTED:

1.Sign-In Functionality

Why this feature?

- The sign-in feature is very important because it allows users to access their accounts securely. If this feature doesn't work, users can't use the rest of the application.

How it fits the application:

- The sign-in ensures that only the right people can access their accounts and projects, keeping their data safe.

What could go wrong?

The page might not load properly.

2. Project Creation

- **Why this feature?**
  - *Creating a new project is one of the main things users do   in Gitea. If it doesn't work, users can't manage their work effectively.*
- **How it fits the application:**
  - *Gitea is designed for managing projects and repositories. This feature is a big part of how users interact with the application.*
- **What could go wrong?**
- *The form might not work if required fields, like the project title, are left empty..*

Your ROOT_URL in app.ini is "http://localhost:3000/", it's unlikely matching the site you are visiting.
Mismatched ROOT_URL config causes wrong URL links for web UI/mail content/webhook notification/OAuth2 sign-in.

Sign In

Username or Email Address *

maias

Password *   Forgot password?

••••••••

☐ Remember This Device

Sign In

or

◉ Sign in with OpenID

Sign in with a passkey
Need an account? Register now.

maias

Signed in as maias

Profile

Repository   Organization

Starred

Repositories 0

Subscriptions

Settings

Search repos...

Help

All 0   Sources   Forks   Mirrors

Site Administration

Sign Out
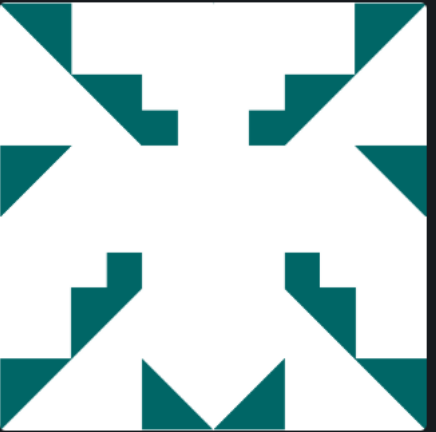
Repositories   Projects 2   Packages   Public Activity   Starred Repositories

Search repos...

Filter   Sort

No matching results found.

maias ⚙

0 Followers · 0 Following

maias9018@gmail.com

Joined on Jan 17, 2025

Repositories   Projects **2**   Packages   Public Activity   Starred Repositories

2 Open   0 Closed

New Project

Search projects...

Sort

Test6 Project
⊙ 0 Open ✓ 0 Closed

This is a test description.

✎ Edit ⊘ Close 🗑 Delete

Test 3 Project
⊙ 0 Open ✓ 0 Closed

✎ Edit ⊘ Close 🗑 Delete

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📅 Joined on Jan 17, 2025

New Project

Coordinate, track, and update your work in one place, so projects stay transparent and on schedule.

Title

Title

Description (optional)

Write   Preview

H₁ H₂ H₃   B I

Description

Template

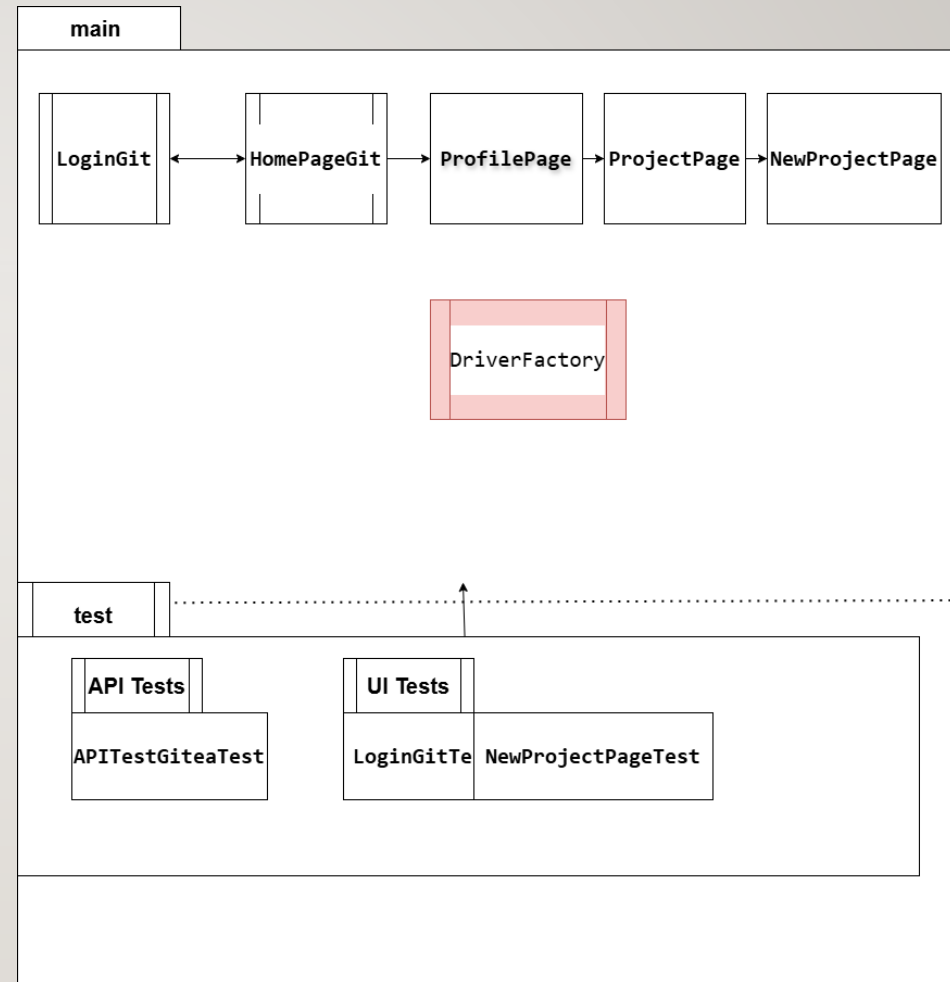Select a project template to get started

Card Previews

Images and Text

Cancel   Create Project

POM DESIGN GO TO INTELLIJ

TESTING METHODOLOGY:

Black-box Testing: We will focus on the functional aspects of the UI and API without looking at the internal code.

Regression Testing: Ensure that changes made to the sign-in or project creation process do not break other parts of the application.

Smoke Testing: Perform quick tests to ensure that the core functionality (sign-in, project creation) is working.

THANK YOU!!