

HW2 - Requirements

Agile

- **Theme:** Get GiggleGit demo into a stable enough alpha to start onboarding some adventurous clients
- **Goal:** Onboarding experience
- **User story 1:** As a vanilla Git power-user who has never seen GiggleGit before, I want a quick understanding of how to use it so I can start working without needing much training.
- **User story 2:** As a team lead onboarding an experienced GiggleGit user, I want to ensure my team has a simple onboarding process for using GiggleGit, so they can start using it easily and without much effort.
- **User story 3:** As a user, I want to create my first repository in GiggleGit easily, without struggling with setup.
 - **Task:** Simplify repository setup instructions.
 - **Ticket 1: First-time Repository Setup Guide**
 - Create a simple, easy-to-follow guide for first-time users to set up a repository using GiggleGit.
 - **Ticket 2: Command-line Setup Instructions**
 - Provide command-line examples to guide users through the setup process

The statement "**As a user I want to be able to authenticate on a new machine**" is not a complete user story because it lacks context and purpose. A user story should clearly describe who the user is, what they want to achieve, and why it's important. In this case, the story would be more effective if phrased as: "As a user who switches to a new machine, I want to authenticate seamlessly so that I can resume my work without interruptions." This version provides context (new machine) and the reasoning behind the user's need (to resume work without delays), making it a complete user story.

Project Requirements

- **Goal:** Create a user-friendly diff tool that allows users to sync repositories with a snicker for seamless integration with GiggleGit
- **Non-Goal:** Automatic generation of user interfaces for non-supported Git repositories or packages outside of the GiggleGit ecosystem.
- **Non-Functional Requirement 1: Security**
 - **Functional requirements:**
 - OAuth must be used for authentication before the syncing process begins.
 - Sessions must expire after 15 minutes of inactivity

- **Non-Functional Requirement 2: Performance**
 - **Functional requirements:**
 - The system should monitor sync times and log any instance where syncing exceeds 3 seconds.
 - The user should be notified with a warning message if a sync takes more than the expected time.