**1.**

**User Stories**

1. As a vanilla git power-user that has never seen GiggleGit before, I want to have a quick-start guide that explains how GiggleGit differs from traditional git workflows so that I can easily get started.

2. As a team lead onboarding an experienced GiggleGit user, I want to have access to an advanced configuration guide so that I can set up GiggleGit to align with my team’s workflow.

3. As a new developer exploring GiggleGit, I want to see example repositories with pre-configured meme-based merge workflows so that I can quickly understand how to use the core features.

**Tasks and Tickets for User Story 3**

**Task:** Create example repositories for demonstrating meme-based merges.

**Ticket 1:**

**Title:** Build example repository for individual workflows

**Details:** Create an example repository showing how individual users can manage their personal branches with meme-based merge conflict resolution. Include clear instructions in the README.

**Ticket 2:**

**Title:** Build example repository for team workflows

**Details:** Create an example repository demonstrating how teams can collaborate using GiggleGit’s meme-based merge functionality. Include examples of common use cases, such as feature branch integration and resolving merge conflicts with meme suggestions.

“As a user, I want to be able to authenticate on a new machine” is not a valid user story because it lacks context and a goal. A proper user story explains why the user wants that feature. It is instead a functional requirement.

**2.**

**Goal:** Ensure SnickerSync’s user studies can randomly assign users to control and variant groups for data collection and analysis.

**Non-Goal:** Develop a fully automated user study analysis dashboard within this phase.

**Non-Functional Requirement 1: User Access Control**

Access to user study management features must be restricted to authorized PMs and administrators.

**Functional Requirements:**

1. Only users with the role of PM or Admin can create, edit, and delete user study configurations.

2. All unauthorized access attempts to the user study management interface must be logged for audit purposes.

**Non-Functional Requirement 2: Randomized User Assignment**

Users participating in the study must be randomly assigned to either a control or a variant group.

**Functional Requirements:**

1. The system must use a randomization algorithm to assign each participant to a group upon registration.

2. Each group must maintain an even distribution of participants to ensure valid study results.