

Agile

CodeChuckle is a startup whose product is GiggleGit, a version control system “where merges are managed by memes.” (It saddens me to say that this was a joke written by ChatGPT for 131)

You have just been hired as employee number n for some small number n . They have the dev chops to make a demo, but you are their first serious developer.

Here is a theme and an epic:

- Theme: Get GiggleGit demo into a stable enough alpha to start onboarding some adventurous clients
- Epic: Onboarding experience

Complete the following tasks:

1) Complete these user stories:

- a) As a vanilla Git power-user that has never seen GiggleGit before, I want to quickly understand how the meme merge function works, in a way that's funny and intuitive so that I can enjoy a more fun and engaging merge process without needing large documentation or tutorials.
- b) As a team lead onboarding an experienced GiggleGit user, I want to have an intuitive onboarding process, so the user can confidently start using the features.

2) Create a third user story, one task for this user story, and two associated tickets.

- a) Tasks should be a single phrase. (As should themes and epics. See those provided.)
- b) User stories should be one to three sentences.
- c) Tickets should have a title consisting of a single phrase and details that are long enough to sufficiently describe what needs to be done. You do not need to assign points to the tickets

Third User Story:

As a user who loves meme's, I want to customize the meme themes within GiggleGit so that I can personalize my own workspace instead of ones that are premade by the startup.

Task 1: Create a community memes section:

Design a community memes section where users can upload their own memes for the features and you can download them specifically for this product. Include a search feature and likes and dislikes, and a report feature for offensive memes.

Task 2: In GiggleGit, make the memes changeable.

Design gigglegit meme feature in a way where users can upload their own memes or choose to use one from a community section and make it have a trial run where users can see what it looks like beforehand.

3) This is not a user story. Why not? What is it?

a) As a user I want to be able to authenticate on a new machine

This is not a user story because it does not specify who the user is and why the user would want this feature. This sentence is more of just a request.

Formal Requirements

CodeChuckle is introducing a new diff tool: SnickerSync—why merge in silence when you can sync with a snicker? The PMs have a solid understanding of what it means to "sync with a snicker" and now they want to run some user studies. Your team has already created a vanilla interface capable of syncing with the base GiggleGit packages.

Complete the following tasks:

1. List one goal and one non-goal

Goal: Create an easy to use diff tool, SnickerSync, that effectively implements the "syncing with a snicker" concept, ensuring seamless integration with the base GiggleGit packages

Non-Goal: SnickerSync will use a predefined set of humorous memes to enhance the user experience.

2. Create two non-functional requirements. Here are suggestions of things to think about:

- Who has access to what
- PMs need to be able to maintain the different snickering concepts
- A user study needs to have random assignments of users between control groups and variants

Non-functional: Access

Non Functional: User Study Randomization

3. For each non-functional requirement, create two functional requirements (for a grand total of four functional requirements).

Access:

Functional Requirements:

- The system should allow administrators to create, modify, and delete user roles
- The system should have an authentication mechanism (e.g., username and password) to verify the identity of users.

User Study Randomization:

Functional requirements:

- The system shall implement a randomization algorithm that automatically assigns users to the groups
- The users should have data logging and tracking to track group distribution.