

Agile

User Story 1:

As a vanilla git power-user that has never seen GiggleGit before, I want to...

- Title: Onboarding Git Power-User
- Acceptance: onboardGitPwrUser
- Priority: 2
 - This is a lower tier of priority because the onboarding process for an experienced user is less rigorous and less common compared to users with little to no experience with Git.
- Story Points: 5
 - Creating an onboarding process specific to someone who has a lot of experience in Git can be a large undertaking, so a higher number of story points is appropriate
- Description: As a vanilla git power-user that has never seen GiggleGit before, I want to quickly understand what makes GiggleGit different and what features it offers so I start using it immediately.

User Story 2:

As a team lead onboarding an experienced GiggleGit user, I want to...

- Title: Team Lead Onboarding Experienced GiggleGit User
- Acceptance: onboardExpGigGitUser
- Priority: 1
 - This is a high priority since we are onboarding a team member.
- Story Points: 3
 - This has a medium amount of work because the user is experienced, but there is a many team-specific things this user needs to learn.
- Description: As a team lead onboarding an experienced GiggleGit user, I want to ensure they are quickly integrated into the team so they can start to contribute as soon as possible.

User Story 3:

- Title: Team Lead Viewing Team Commit Activity
- Priority: 1
 - Important for this to be done as soon as possible to support continual monitoring activities for the team lead.
- Story Points: 2
 - It is a relatively simple feature to implement since it is just pulling existing data.
- Acceptance: viewTeamCommits
- Description: As a team lead I want to see an overview of my team's commit activity in GiggleGit so I can easily track contributions and monitor progress without having to open everyone's repositories and manually searching.
- Task: Create a component on the team dashboard that displays the commit data.
 - Ticket 1: Create Component on Dashboard

- Utilize front-end technologies to create a user friendly table and graph view of the data.
- Ticket 2: Add Data to Component on Dashboard
 - Integrate commit data into the component through the back-end.

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

- This is not a user story because there is no benefit. User stories must have a benefit.

Formal Requirements

- Goal: Create a user-friendly interface for SnickerSynce that allows users to easily merge changes with a snicker.
- Non-goal: Allow users to utilize snickers in other parts of GiggieGit outside of merges.
- **Non-functional requirements:**
 1. Access Control
 - The system shall utilize role-based access control to ensure only certain people can maintain the different snickering concepts.
 - **Functional:**
 - The system shall allow PMs to log in with elevated privileges to edit snickering concepts.
 - The system shall track all actions taken by PMs regarding creation, editing, or deletion of snickering concepts.
 2. User Study Assignment
 - The system shall ensure participants are randomly assigned to control groups and variants to guarantee unbiased results of the user study.
 - **Functional:**
 - The system shall implement a random algorithm to assign participants to control and variant groups.
 - The system shall provide researchers with an interface showing the assignments and groups.