1: Goal and non-goal

Goal: Ensure that SnickerSync enhances the merge experience by making it more engaging without adding unnecessary complexity to the user’s workflow

Non-goal: Redesign the entire merge process in GiggleGit. SnickerSync should only add to the existing workflow, and not overcomplicate it.

2: Two non-functional requirements

NFR: Access control for SnickerSync features

only project managers and designated team leads should have the ability to manage and update SnickerSync settings

NFR: Randomized user assignment for user study

Users participating in the user study should be randomly assigned to either the control group of regular merges or the experimental group of merges with SnickerSync to gather unbiased data.

3: Create two functional requirements per non-functional requirement

NFR 1: Access control for SnickerSync features

FR: Create roles for PMs and team leads to control access to SnickerSync settings

Only users with specific roles can modify SnickerSync settings, including the create of new types

FR: Implement audit logs for changes made to SnickerSync settings.

Any changes to the SnickerSync settings should be logged, including who made the changes and when.

NFR 2: Randomized user assignment for user study

FR: Develop an automated system for randomizing user assignments

Upon starting the user study, users will automatically be assigned to either the control or experimental group, ensuring an even and random distribution.

FR: Ensure that all users’ group assignments and interactions with the merge process are tracked in the system to enable data analysis for the user study.