Project requirements:

- **Goal:** Enable users to see the enjoyment of merging and syncing when using CodeChuckle.
- **Non-goal:** Test the PMs understanding of "sync with a snicker."
- **Non-functional requirement 1:** Access
    - **Functional requirement 1:** Create and test a system that allows PMs access to create, adjust, and delete snickering concepts.
    - **Functional requirement 2:** Assure access control via a secure login feature for PMs.
- **Non-functional requirement 2:** User study randomization
    - **Functional requirement 1:** Create an algorithm that assigns participants randomly to control and variant groups.
    - **Functional requirement 2:** Develop a dashboard that allows study administrators to track participant assignments and participation across groups.

Agile:

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

- **Epic:** Onboarding experience

- **User story 1:** As a vanilla git power-user that has never seen GiggleGit before, I want to be able to understand how GiggleGit enhances the merge process compared to traditional Git, so I can evaluate whether it's worth adopting for my projects.

- **User story 2:** As a team lead onboarding an experienced GiggleGit user, I want to have a streamlined way to transfer an existing user's settings and history, so that they can quickly start working with minimal setup time.

- **User story 3:** As a team lead I want to track my team's merge history visually and easily distinguish between successful and failed merges, so I can identify areas that need attention.
  - **Taks:** Design a visual representation of merge history.
    - **Ticket 1:** Create wireframe that visualizes merge history
      - Details: design a wireframe that visualizes merge history via branches, commits, and merges in a layout that is simple and user-friendly. Elements to consider include branch colors, merge conflict icons, and user interactions.
    - **Ticket 2:** Implementation of interactive timeline
      - Details: develop interactive timeline to compliment wireframe. This timeline should allow users the ability to scroll history, access details on commits, and visualize branching and merging.

- **"As a user I want to be able to authenticate on a new machine"** is not a user story because it does not address the who and why, it is more of a feature.

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