

411 Assignment #1

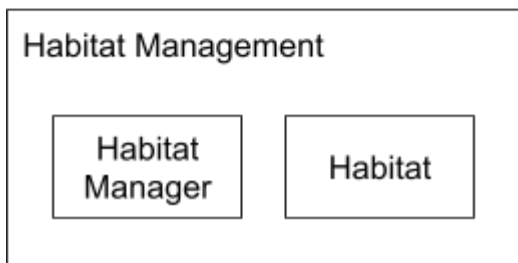
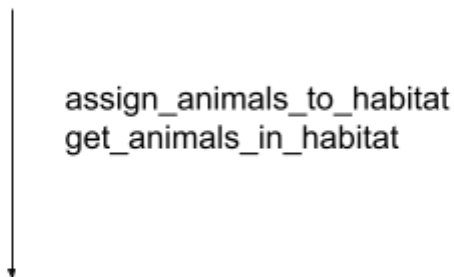
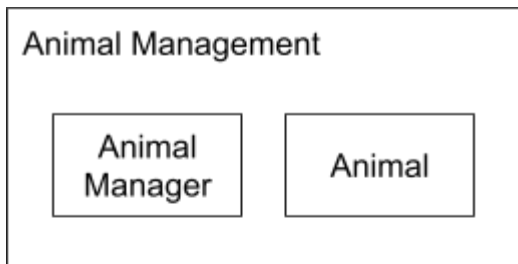
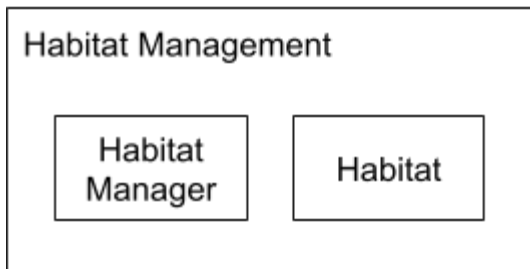
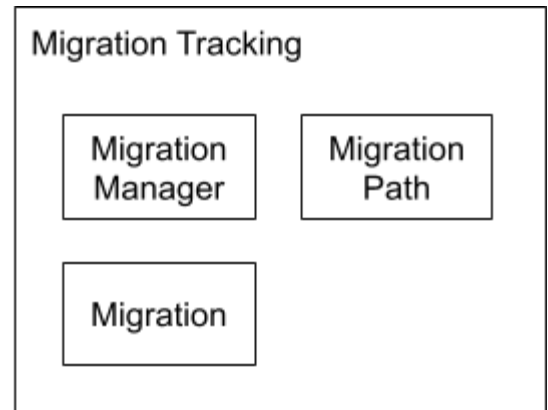
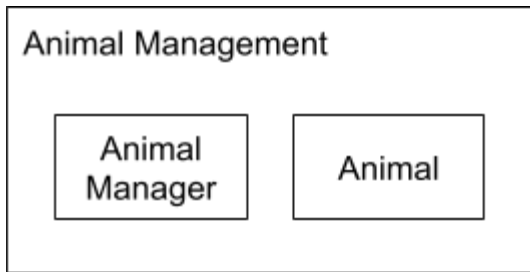
User Stories:

1. As a vanilla git power-user that has never seen GiggleGit before, I want to easily implement GiggleGit on any project I am working on and preserve my git histories.
2. As a team lead onboarding an experienced GiggleGit user, I want to quickly set up projects, add team members, and manage permissions so our team can focus on writing code.
3. As a developer who loves internet memes, I want to easily upload my own memes to use on GiggleGit so my team can have fun with more personalized memes.
 - a. **Task:** Make an upload meme option.
 - i. **Ticket 1:** Design and create a database for storing uploaded memes.
 - ii. **Ticket 2:** Create an “upload image” button that allows users to select their computer’s images to upload.

“As a user I want to be able to authenticate on a new machine.” This is not a user story because there is no purpose or goal or benefit, and it does not include a need from the user that it fulfills. This is a functional requirement / a feature, not a user story.

Formal Requirements:

- Goal: Make sure that users understand what SnickerSync does and are able to use it to merge branches using memes.
- Non-goal: Use AI to give suggestions on how to resolve merge conflicts.
- Non-functional requirement: Performance
 - Functional Requirement: Limit the size of provided and user uploaded memes / images to 3 MB.
 - Functional Requirement: Make sure that SnickerSync does not take more than 5% longer to execute than merging with git, as it also has to display a meme.
- Non-functional requirement: Cross-platform use
 - Functional Requirement: Make sure users can upload images from Mac, Windows, and Linux to SnickerSync without errors.
 - Functional Requirement: Make sure our UI for SnickerSync works on all screen sizes and is responsive so SnickerSync can be used easily no matter the window size, screen resolution, or device used.



Habitat Management

Habitat
Manager

Habitat

get_migration_paths_by_destination
create_migration_path
get_migration_paths_by_start_location

Migration Tracking

Migration
Manager

Migration
Path

Migration