

1. scholarSheep.com
2. scholarsheep.herokuapp.com

Our site looks best in Firefox.

3. Our project members are:
 - Alexander J. Lin, Freshman, Undeclared, 0 years of experience.
 - Felix Sung, Sophomore, Course 6-7, 0 years of experience.
4. There are two problems students face that we attempt to address: First, it is hard for groups of students to study together when everyone has their own schedule. Second, students enjoy procrastination, wasting time on sites that are barely even amusing (see boringrpg.com for an extreme example).
5. We address the first problem by providing a setup where projects called “Flocks” can be created. Groups of friends (or perhaps an entire class) can submit questions to the Flock and answer their peers’ questions, at their own pace and fitting their own schedules. Each question has a discussion page showing the answers that have been submitted to the question, and a place to submit their comments and discuss the question with each other. We envision Flocks to be useful as a review tool before exams for students to test each other’s knowledge, though it could certainly be useful at any other time to ask general questions about material.

In the hopes of encouraging students to visit our website instead of checking up on Farmville, we introduced the idea of Familiars, which are pets the user can pick from when they sign up. Familiars can be customized with a variety of backgrounds, foregrounds, and accessories, the selection of which will increase over time. To buy these customizations, users earn coins by participating in Flocks, which entails submitting and answering

questions, and participating in discussions. The largest rewards can be earned by having discussion comments “up”-ed by peers, which incentivizes thoughtful contributions.

6. Ruby on Rails and PostgreSQL were used in the backend.

7. HTML/CSS and Javascript (jQuery) were used in the frontend.

8. Features:

- A login system (and admin accounts)
- Creating projects
- Creating, editing, and removing questions from projects
- Adding answers to questions
- Displaying a user’s past answers
- Displaying graphically all participants’ past answers
- Searching and sorting for users and projects
- Easy creation of questions and comments to provide means for discussion
- Ability to delete own questions and comments to correct mistakes
- Button to get random question in the Flock the user has not answered yet
- Selecting familiars
- Purchasing items
- Equipping items onto familiars, creating new images
- And more! But these are the main features :) (unless we forgot something big)

9. The most important capabilities of our website are:

- Smooth creation of questions in projects
- Graphically rendering past answers to questions
- Smooth discussion of questions
- Purchasing and equipping items onto user-selected familiars

10. The most awesome features are probably:

- Our chameleon familiar, which always blends perfectly into the background.
- Our mimic octopus familiar, which may or may not actually be a cat.
- Our “Flock Overview” and “Discuss Card” pages, which I personally think are gorgeous
- Our punny site name
- Our equipped items actually show up on your familiar!
- Our site looks very nice on an iPad.

11. We used the DataTables plugin for JQuery and consulted various references for sample code and debugging.

The references that we used most heavily are:

- The Ruby on Rails API / Apidock
- The JQuery API
- Various Stack Overflow threads
- RailsCasts and AsciiCasts
- Online gradient generators and color pickers
- GitHub and Heroku, although they’re more like services than references

Additionally, some friends drew sample images of animals that we used to create our familiar pictures.

12. Yes, this site fits the MIT Utility category.

13. Philanthropy? Probably not, though aiding students is a good cause.

14. Yes, we are both able to attend on Wednesday and Thursday.