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# Team 119 Sprint 2 Presentation: Codebook

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# Codebook : An Overview

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- All-inclusive, go-to source for anyone looking to learn a new programming language
- Users register through GitHub
- Will bring together a collection of files and repositories from GitHub, based on a user's preferred language and level of experience
- Series of search parameters, including language, difficulty, API, etc.
- Users will have the ability to comment on, favorite, and rate these suggested projects based on how well documented they are and how useful they were in aiding their learning process



# Sprint 2 Goals (and reflections)

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Product Owner: Alimpon

- File & Repository Integration into Templates (did not finish)
- Ajax / JQuery for user-actions
  - Commenting
  - Liking
- Watching Repositories
- Starring Repositories
- My Languages Stream (did not finish)
- View User Profiles
- First iteration of Search Algorithm (did not finish Code search)
- First iteration of User Ratings Algorithm



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# CODEBOOK DEMO



# Problems We Encountered

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- GitHub API Rate Limit
- Speed of Github API Calls
- Integration of Different Pieces of Code
- Conflicting views on models and organization
- How to store data efficiently
- Complexity of folder structure integration
- Inconsistent run conditions for different machines



# Sprint 3 Goals

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Product Owner: Nora

- Complete Search Functionality
- User Ranking
- Being able to view code from repository files
- Users Can Rate Repositories for Difficulty and Documentation
- Complete User Profile
- Be able to tag files
- Test
- Deploy

