

# **KSDA Web-Application**

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# Background

- Kappa Sigma Fraternity brother website
  - Portal for us to organize and communicate
- Current version is outdated
  - Ruby on Rails
  - No access to source code
- Our goal: create new, improve web application
  - Anyone who takes 15-437 should be able to maintain

# Background cont.

- Provide added functionality over existing web application
- Application should be in production by end of the semester
  - Fraternity will begin using it in F15

# Core Functionalities

- Forum
- Document Repository
- Calendar
- Fines
- Waitsession/Worksession

# Original Goals

- **Calendar Page**
  - Integrate fraternity Google calendar into the web application
- **Registration**
  - Requires admin approval and email verification
- **Forum Page**
  - Allow for posts, comments on posts, and moderation capabilities

# Problems Encountered

- Forum Page
  - Import open source software
  - Django forum software is outdated and no longer managed
  - Additional issues with integration

# Goals for Sprint #2

- Fines page
  - Integrate Venmo
- Document Repository
  - Utilize S3 and Adobe Viewer
- Worksession/Waitsession Assignment Script
  - Use Heroku built-in scheduler to run
- Forum

# Post Sprint #2 Goals

- Testing
  - Utilize brothers and TAs as beta users
- Deployment to Heroku
  - Will not be in development mode, app will be live



**DEMO.**

**QUESTIONS?**