Four Seasons of Code
A Student Project Management system

Presented by
Shreyank Gupta
Associate Software Engineer, Red Hat

Licensed under Creative Commons Attribution-ShareAlike
What student project?
I know C/C++/Python and I want to do a project.

I am interested in network programming, please suggest me something cool to work on.

I want to contribute, how do I contribute?
Summer Coding
Mentoring woes
Student Project Management
Existing Solutions

- Wiki
  - Too Much Effort
- Trac
  - Not Student Project Focused
- Melange
  - Tied to the Google App Engine
    - (closed source)
Four Seasons of Code
About FSoC

- Developed as a part of Fedora Summer Coding
- Developed for Fedora Summer Coding
- Written in Ruby on Rails
- Code hosted on Github
- Written by
  - Shreyank Gupta
  - Gaurav Meghnani
Features

- User Management
  - Guest
  - Student
  - Mentor
  - Admin
- Task deadlines
- Automated reminders
- Comments and Journals
Features

- Calendering
- Dashboard
  - User Dashboard
  - Project Dashboard
- Admin Panel
- Link to Code Repository
- Integration with Fedora Account System
Features

- User Profiles
- Modes
  - Summer Coding
  - Year Round
- Generation of Certificates
Workflow

- Project Idea
- Project has Mentor?
  - Students write proposal
  - Mentor accepts - Tasks & Timelines
  - Coding
  - Signed off?
  - Certificate of completion
Organizations

- Fedora Summer Coding
- DGPLUG Summer Training
- Your Organization?
# TODO

- User Experience
- Security Audit
- Customization
- Quality Testing