

A deadline management tool

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Introduction

This is a deadline collaboration tool. Users tell us their projects, deadlines, or anything matters. The dashboard shows these events in calendar style (or tickets). We keep these events for our users. When deadlines come close, we send email to remind users. Users may also find people who have the same deadline and discuss with them.

What user can do: 1 - 5 key features

1. Register
2. Fill in his/her project deadline
3. Set up email notification
4. edit deadline, mark as done or delete
5. Display existing deadline
6. Find people/groups with the same deadline
7. Send messages
8. Comment under a deadline/event
9. "Like" the events/comments
10. Check friends' deadlines, so you can laugh at them and encourage them to use grace days

What the app do: 1 - 3 key features

1. Keep user's events
2. Send notification to users reminding upcoming deadline
3. Categorize the deadline by school, course, assignment
4. Match user to users
5. Recommend groups to join

Development:

1. Based on Django
2. Responsive web design
 - Mainly Bootstrap, JavaScript and LESS if necessary
3. Adopt modern practices
 - Test cases/Unit testing
 - Version control with Git (branch/pull request)
4. Environments:
Experience the cycles of web app development
 - Dev on local
 - Use Vagrant or Docker to unify environments among members
 - 'Production' environment on cloud services(AWS)
 - Shared Dev database instead of database on each member's local machine
 - MySQL on AWS