

# Progress Report 3

## Achieved Milestones

1. Home page layed out
2. One page scroll implemented
3. 2 Template Resources Created
  - a. 1 resource in center
  - b. 2 resources on left and right
4. Image uploading through S3
5. Sign in through GitHub
6. Create and upload gists through GitHub API

## Missed Milestones

None

## Difficulties

1. We had to figure out how to implement the generalization for resources that we had in our data model in rails. We decided to use polymorphic associations as opposed to STI or the other solutions suggested in class because it made for much simpler code.
2. Implementing a good user interface for creating new blocks in our timeline that still looked reasonable was a challenge as well. The wireframes called for an interface which would have required a lot of javascript and new code, so we decided to instead create a new page in our flow for block creation and use modals which loaded in the new.html.erb files that we had created for debugging in the resource views.

## Changes to problem analysis and design

The main changes to our design center around UI changes. We have decided to go with medium style on page editing. A prominent issue in our critique was the bad user flow when creating a new block and not knowing how it will look until you return back to the project page. With inline text editing and drag and drop image uploading we think we can create a much better user experience. We also will be merging the add block page back into the main project edit page as it was in the initial design for this phase which should help alleviate this issue as well.

Our main goals and understanding of the problem have remained mostly on the same course. We still are aiming for a clean and professional interface that is easy to use and hard to mess up and think we made good progress along those goals.