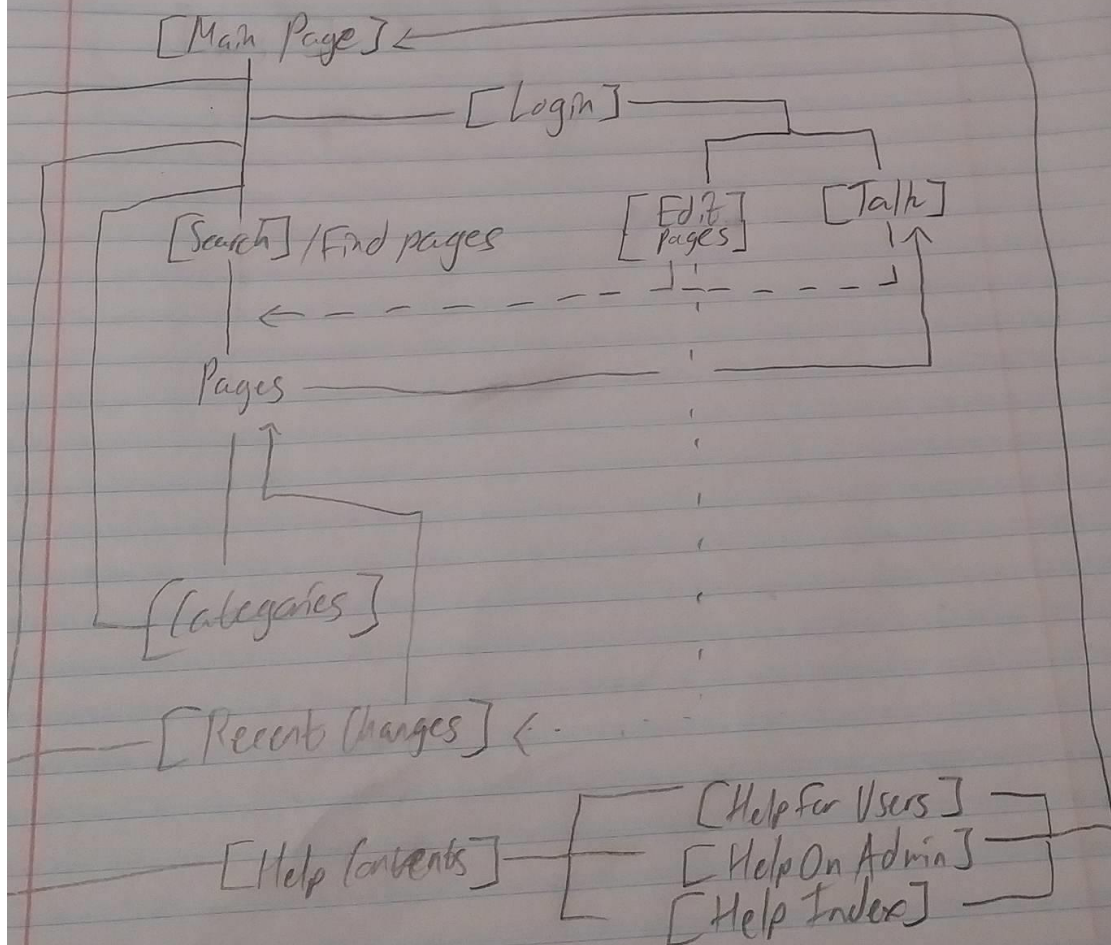


For my final project, I'd like to implement a python-based wiki on a droplet of Ubuntu 14.04 with LAMP about some yet-to-be-determined subject. The software I would like to implement on my DigitalOcean Droplet is Moinmoin, a highly customizable wiki system based on Python that I should be able to tweak to fit my own image. I'd like for it to be a user-friendly yet secure purveyor of information on my subject that would be open to editing and discussion by multiple users that could be kept track of through logins and whatnot.

As far as security goes, I believe targeting the editing capabilities would be paramount in ensuring the safety of users with and without accounts. If a search function is applied, it would be useful to protect against improper sending of information to the server so that my entire DigitalOcean droplet might not be tanked should the wrong user get any bright ideas. I believe this will be a useful experience for me as I have been interested in web application security during this class. Learning to balance user experience and security will no doubt be one of the more important things I come to grips with as not only a web developer but as someone who works in computing and who may be pursuing additional education in the future in this field.

As far as the stretch goals go, I will have to look more deeply into other apps I can combine with it. Since it is a Python application, I think something like Mailman or Trac would suit the wiki site, since mailing lists regarding updates sound appropriate for dedicated wiki users and bugfixing is one of the biggest aspects of this area of development. Since neither of these seem like they would greatly impact the user experience, I believe that I would be able to spend the most time working on MoinMoin itself and then incorporate the services once things look nice enough.

3030 Final: Information Architecture



LOGO + SITENAME

Search

Titles

Text

FrontPageRecentChangesFindPageHelpContentsloginCurrent Page

Color scheme/button visuals open to change

Immutable PageInfoAttachmentsMore Actions:

T

Title

Summary

Contents

asdasdasdasdasdasdasdasdas

Header

Content

Header

Content

Moinmoin Powered

Python Powered

GPL Licensed

Valid HTML5