

MIT DormPoll: Project Plan

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Milestones

Proof of Concept (11/20)

- Users can log in using MIT Username/Password and Kerberos
- Users can select a Poll to fill out
- Users can fill out and submit answers to a Poll
- The Poll may need to be somewhat hard-coded into the website
- The results may need to be downloaded from PHP Admin

Minimum Viable Product (12/3, 12/5)

- Admin Portal now exists
- Polls can now be created on-site (dorm-wide)
- Results can now be seen on-site

Finished Product (12/10)

- UI is fleshed out and finalized
- Polls can now be floor specific
- Polls can be saved, loaded, and edited

Backup plans

In general, the worst case scenario results in our MVP becoming our final project. There are some hard requirements our system simply has to meet to function: users log in with MIT Open ID and being able to respond to Polls. Beyond that, most of the other functionalities are ideas to make the system a good, user and admin friendly system. The main functionality we can cut back from is the amount of freedom we give the admin when creating Polls. Creating a Poll that is always Dorm wide is easier than one that is specific to each Floor. A Poll with all the same answer-type is easier than one with all different. Requiring Admin to download results from PHPAdmin would require less functionality from our Admin Portal.

One large concern is figuring out OpenID. It seems like an extremely involved task that pushes us to use pretty unfamiliar technologies that doesn't have helpful documentation. It may be a bit of a stretch to get the whole login system working within the first week. Our goal is to be able to complete this task by the Proof of Concept deadline, but we do recognize potential for failure here and will allow this task to bleed into the second working week.

Deadlines will be due by 11:59 PM that date

Bold Assignee's are head developer, with non bold being helpers

Task	Assignee	Deadline	Difficulty	Milestone
Begin Project File (Structure said file)	Nick , Darius	Thurs 11/15	Easy	PoC
Set up DB Schemas (Some may need dummy data)	Ron , Claudia	Fri 11/16	Medium	PoC
Figure out how to use OpenID	Nick , Darius	Fri 11/16	Hard	PoC
Set up a log in system with OpenID	Nick , Darius	Sat 11/17	Hard	PoC
?UI for OpenID?	Darius , Nick	Sun 11/18	Medium?	PoC
Ability to hard code Polls / UI for Poll	Claudia , Ron	Sun 11/18	Easy	PoC
UI/Functionality to choose a Poll to answer	Claudia , Ron	Mon 11/19	Easy	PoC
API to answer Poll	Ron , Nick	Mon 11/19	Medium	PoC
UI to answer Poll	Darius , Claudia	Mon 11/19	Medium	PoC
API to create/delete Polls	Darius , Ron	Sun 11/25	Medium	MVP
UI to create Poll	Nick , Claudia	Sun 11/25	Hard	MVP
API to get results	Claudia , Nick	Thurs 11/29	Easy	MVP
UI to get results	Ron , Darius	Sat 12/1	Easy	MVP
Complete Admin Portal UI	Claudia , Darius	Sun 12/2	Medium	MVP
UI cleanup / finalization	Claudia , All	Sun 12/9	Medium	Final
Add more question types	Darius , Ron	Thurs 12/6	Medium	Final
API to save, load, edit Polls	Nick , Claudia	Fri 12/7	Hard	Final
UI to save, load, edit Polls	Ron , Nick	Sat 12/8	Medium	Final
Floor Specific Polls	Darius , All	Sun 12/9	Hard	Final