

Max Objects Database

During A term 2021, the team focused on adding features and fleshing out the current features rather than redesign anything. The UI stayed mostly the same except for a few pages being added. A few dependencies were also added:

1. **aws-sdk** - AWS SDK for JavaScript will allow us to access S3 through a JavaScript API.
2. **multer** - Multer is middleware that will handle file uploads.
3. **multer-s3** - Multer S3 extends file uploads to S3 object storage, and in our case, DigitalOcean Spaces.
4. **sendGrid** - Scalable Business Email Service
5. **json-web-tokens** - Security tokens for email service, can be expanded into other features

Using the dependencies listed above, the team implemented an email reset password feature and connected Digital Ocean, allowing users to upload and download files, as well as view them on the site. Additionally, a superuser table was added to the database and an account settings page. The account settings page contains a change password feature, along with an add superuser function. The intended idea is for the add superuser box to only show up if the logged-in user is a superuser, but that functionality hasn't been implemented yet.

Next Steps

The next term project group can continue working on the roadmap to enhance the security features of the site, which in the current team's eyes is the major roadblock to launching the site to the public. The rest of the pages should be fleshed out as well to improve functionality. Admin accounts should also be given more things to do on the site.