Outline

- Overview
- Work Completed
- Challenges Faced
- Future Plans
Project Overview

- Third team to work on this website used in Professionalism in Computing
- Deliverables
  - Cleanup
  - Authentication
  - Frontend and Metadata
Timeline and Milestones:

February
- Github migration
- Planning
- Logout
- Redeploy
- Use cases

March
- Project launch
- AWS and Case Study Library Credentials obtained
- Meet with client
- Base requirements set and approval obtained from Dr. Dunlap

April
- Like button completed
- Metadata tagging completed
- Edit functionality progress

Completion
- Case Study library up and running
Work Completed: Cleanup

- Personal GitHub repo -> GitHub org
- Redeploy with CloudFormation
  - Fix issues from manual intervention
- Better documentation
- Backup and restore tested
Work Completed: Authentication

- Poor docs for Cognito
- Original: CAS
  - Required contacting people
  - Redirect URI must be vt.edu
  - Documented process
- New: Google
  - Better documentation
  - App setup
Work Completed: Frontend

- Edit and Like buttons
  - Like value is currently hard-coded
- Hard-coded dropdown for case study tags
Challenges

- Acquainting with the current system
- Migrating on github
- Redeploying AWS (down time)
- OIDC vs. Google Auth
- Resilience upgrades
- Reformatting goals due to the large amount of problems we found
Future Work

- Finalization of edit page
- Connecting front and back ends via metadata
- Store which user likes what
- Include tags as filter option
- Display tags on archive page
Future Work

- Use like number to calculate and display recommendations
- Extend tag options to be a living list
  - Students can create new ‘Hashtags’
- Add ability to comment
Acknowledgments

- Previous groups
- Dr. Dunlap and Dr. Chen
- Dr. Fox (and the TAs)
References

● https://casestudies.cs.vt.edu/
● https://vtechworks.lib.vt.edu/handle/10919/112915
● http://hdl.handle.net/10919/109970