Group Member Names:

* Nahom Tesfatsion
* Felipe Linares
* John Wescott

Link to deployed app: <https://cmsc388-final-project.herokuapp.com/>

Description of fulfilled requirements:

Registration and Login

* We have login and registration pages, requiring users to login before they can create a todo list
* Locations:
* CMSC388J\barbarianApple\flask\_app\users\forms.py
* CMSC388J\barbarianApple\flask\_app\users\routes.py
* Password requirements use WTForms and hashed using bcrypt
* Location: CMSC388J\barbarianApple\flask\_app\users\forms.py
* Implemented 2 factor authentication
* Location: CMSC388J\barbarianApple\flask\_app\main\routes.py

Forms

* We made forms for login, registration, updating username, updating user profile picture, creating a todo, updating a todo, and sharing todo
* Locations:
* CMSC388J\barbarianApple\flask\_app\users\forms.py
* CMSC388J\barbarianApple\flask\_app\main\forms.py

Database

* Use MongoDB hosted on mlab.com free tier via heroku
* Location:
* \_\_init\_\_.py (in the app setup user environment variables)

Security

* Allow CSS & JS from our trusted sources only (self, jquery, and bootstrap)
* All forms use CSRF through WTForms and SECRET\_KEY stored in env
* Talisman enforced
* Location:
* \_\_init\_\_.py (all in the app setup)

Blueprints

* Used blueprints to separate files into user functions and main functions
* User blueprint views: Login, Registration, Account
* Main blueprint views: Index, Home, Todo
* About page in main blueprint
* Locations:
* \_\_init\_\_.py
* CMSC388J\barbarianApple\flask\_app\users\routes.py
* CMSC388J\barbarianApple\flask\_app\main\routes.py

Presentable

* Used bootstrap and CSS to make the website look pretty
* Location:
* CMSC388J\barbarianApple\flask\_app\static\custom.css

Use of New Package

* Used Flask\_Mail to share todos to other people if, for example, it is a todo that needs two people so the other person can take note of it.
* Location:
* \_\_init\_\_.py
* CMSC388J\barbarianApple\flask\_app\main\routes.py

Evidence of Usage

* Home page contains leaderboard of users with most todos
* Can visit /user/<username> to visit another user's page

Changes from proposal:

None