Changelog

Project: SUMO Dashboard
Group number: #1
Period: 16 - 26 June

Please describe all changes in your project from 16 to 26 June in this changelog document. Export as PDF and add it to a 'documents' folder in your git project.

Keep it short and concise, but be specific about what changed. Feel free to resize the feedback text areas.

DESIGN

Project Description (project manual 4.1)
Unchanged

HTML/CSS Mockup (project manual 4.2)
Mockup was changed from screenshots to actual files containing the mockup.

Use Case Diagrams (project manual 4.3)
Unchanged

Database Design: Class Diagram and schema.sql (project manual 4.3 and 4.4)
- Class diagram on database has been added - Class diagram on backend has been revised - Added an account table to schema.sql

FUNCTIONAL REQUIREMENTS

Added or revised functionality

- Implementation now supports the use of tags.
    - Tags are loaded when page is loaded
    - Checkboxes of assigned tags get checked when a file is clicked
    - Tags can be assigned to a file and removed from a file
    - New tags can be created
- All requests are protected with tokens. You can send the secret API token, or if a request is sent from the browser, the token from the cookies gets checked.
- More plots/queries implemented
- Pie chart and bar chart implemented
- Favicon implemented
- Multiple plots in one chart (both from different or same simulation)
- Label of plot in legend is changeable
- Fixed the "log out" button
- Added summary statistics

HTML/CSS/JS Frontend

- Javascript methods now use authentication with tokens
- Javascript methods show the user an appropriate error if a request isn't accepted.
- User sees messages when they submit new metadata or upload a new simulation
- General method for requesting and handling data, instead of a separate method for every plot.
- Changed the dashboard layout
- Summary statistics can be shown instead of graph and added to report
- Added buttons to the modification page
    - A button that goes to the database login page
    - A button that can be used to create a new tag
    - A button in the upload files modal that resets the submitted files in the form

Transactions (project manual 5.9)

- Added transactions to some of the more complex DAO methods

JDBC / Prepared Statements (project manual 5.7)

- Schema name added in queries as a variable
- Improved how updating metadata is handled in SimulationDao
- Fixed a bug where simulations without tags weren't returned by SQL in getAllQueries
- Fixed queries to work for different id strings

XML/JSON (project manual 5.5)

- Data is saved using a map structure instead of a custom class 'graph point'

Usage of JSP/REST (project manual 5.5)

- Added tag support to REST
- Added authentication methods to REST (login, logout, create new user)

Testing (project manual 5.2 and 6.2)

- Coded test cases for SimulationResource and SimulationsResource
- Coded test cases for AuthenticationResource

Security (project manual 6.3)

- All REST requests now require you to submit a token, which will be generated for you after submitting a request /auth/login
- When a user logs in a cookie with a JWT is returned
- The JWT is used to authenticate the user with each request to the backend
- When a JWT is invalid the user is redirected to the frontpage

OTHER

Other changes
- Added more comments to the code, both in javascript and java classes   - Removed all useless console.logs from javascript and System.outs from Java   - Removed unused imports from Java   - Fixed the online deployment