Assignment 5
Aaron Weiss
TCNJ-Speaks https://github.com/weissa7/TCNJ-Speaks

Use Case Template for Reporting

Use Case:
Report social injustice that was experienced.

Iteration:
1, last modification: October 21, 2017 by Aaron Weiss.

Primary actor:
Community member.

Goal in context:
To raise awareness of actions affecting community at large through data logging.

Preconditions:
User must have access to computer or mobile device with internet connection.

Trigger:
The community member experiences an issue they feel is worth reporting.

Scenario:
1. Community member loads the TCNJ speaks website.
2. Community member selects "Report Your Experience" button along top navbar.
3. The system displays a form asking for details of report: title, & description.
4. The community member fills out the form and presses the submit button.
5. Report information is sent into the system and processed for analysis.
6. The system returns the user to the main page, thanking them for the report.

Exceptions:
1. Title or description of report not filled – see use case **Validate Form**.

Priority:
High Priority; main use case of system.

When available:
First prototype (no functionality).

Frequency of use:
Frequent.

Channel to actor:
 PC/mobile platform with internet capabilities.

Secondary Actors:
System administrator.

Channels to secondary actors:
PC/mobile platform with internet capabilities.

Open Issues:
1. What will prevent the spamming of system given no authentication?
2. How can anonymity be protected? User input fields available for display allow for identities to be compromised.
3. Will system update in real-time under the current framework?

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Use Case Template for Validate Form

Use Case:
Fix incorrect user input.

Iteration:
1, last modification: October 21, 2017 by Aaron
Weiss.

Primary actor:
Community member.

Goal in context:
Guide the user in fixing input mistake.

Preconditions:
User must be submitting a report.

Trigger:
Title or topic of user report not correctly
entered.

Scenario:
1. Community member leaves at least one
   input form blank.
2. System will highlight offending fields in
   red and give a notice to the user that
   the report was not sent.
3. Community member fills out missing
   information and presses the submit
   button.
4. Report information is sent into the
   system.
5. The system returns the user to the main
   page, thanking them for the report.

Exceptions:
1. Title or topic of report not filled – see
   use case **Validate Form**.

Priority:
High Priority; most common exception of the
main use case of system.

When available:
Second prototype.

Frequency of use:
Frequent.

Channel to actor:
PC/mobile platform with internet capabilities.

Secondary Actors:
System administrator.

Channels to secondary actors:
PC/mobile platform with internet capabilities.

Open Issues:
None.

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Use Case Template for Topic Voting

Use Case:
Increase or decrease social justice issue topic visibility.

Iteration:
1, last modification: November 10th, 2017 by Aaron Weiss.

Primary actor:
Community member.

Goal in context:
Users filter out irrelevant postings while making more relevant topics more visible.

Preconditions:
User must have access to computer or mobile device with internet connection.

Trigger:
Community member presses '+' or '-' buttons shown alongside report report.

Scenario:
1. User views a report that is relevant/irrelevant.
2. Community member presses the '+' or '-' button.
3. System adjusts weight of report.
4. System removes report when below a set threshold.

Priority:
Moderate Priority; need filtering for reports.

When available:
Second prototype.

Frequency of use:
Frequent.

Channel to actor:
PC/mobile platform with internet capabilities.

Secondary Actors:
System administrator.

Channels to secondary actors:
PC/mobile platform with internet capabilities.

Open Issues:
1. Users can 'spam' to boost self posts or remove others posts.
2. Bots can 'spam' this portion of the system.

Use Case Template for Data Analysis

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Use Case:
View data and analysis of said data within the system.

Iteration:
1, last modification: October 21, 2017 by Aaron Weiss.

Primary actor:
Community member.

Goal in context:
Provide insight to recent and overarching trends of social injustice data.

Preconditions:
User must have access to computer or mobile device with internet connection.

Trigger:
The community member wishes to view gathered information the system has collected.

Scenario:
1. Community member loads the TCNJ speaks website.
2. Community member selects "View Analysis" button along top navbar.
3. The system displays informational graphs showing trends of past reports.
4. Community member can change parameters of reports for further analysis.

Exceptions:
1. Parameter input incorrect – see use case **Validate Form**.

Priority:
High Priority; analysis helps bring awareness.

When available:
Later in project.

Frequency of use:
Frequent.

Channel to actor:
PC/mobile platform with internet capabilities.

Secondary Actors:
System administrator.

Channels to secondary actors:
PC/mobile platform with internet capabilities.

Open Issues:
1. Will individual data allowed to be displayed? Can this be used to identify a member reporting?
2. Data can be useless if false reports are sent in.