Report for COM3504 Intelligent Web – Social Tracker

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Introduction (0%)

For this project we created a web application in HTML and Javascript which allows the user to access data streams from services such as Twitter and Foursquare. The project will also provide metadata about the users and topics of discussion, such as user location over time, information posted within a given time period or physical geographic area, or information posted about specific events or to specific hashtags.

Section 1.1: Querying the social Web

1.1.1: Issues

1.1.2: Design Choices

1.1.3: Requirements

1.1.4: Limitations

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Section 1.2: Storing Information

1.2.1: Issues

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Section 1.3: Web Interface

1.3.1: Issues

1.3.2: Design Choices

We decided to use a single page for all of the project's functionality. This provides an intuitive and clean experience for the user, and negating the requirement to learn potentially complex navigation trees. It also speeds up the experience of browsing; since everything is on one page, any functionality is within a click of the mouse. We implemented a tab interface within the page to allow the user to intuitively switch between the major models of functionality - this allows a tidy GUI with simple, fast, and easy navigation.

We implemented a graphical map using the Google Maps API, which provides a quick glance at the information entered into the form, represented in a graphical way which all users are familiar with.

1.3.3: Requirements

1.3.4: Limitations

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Section 1.4: Quality of the Solution

1.4.1: Issues

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Section 1.5: Additional Features

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