



SENTIMOJI

REAL-TIME SENTIMENT DETECTION SYSTEM

MILESTONE REPORT

Milestones of the project are presented in this document with their statuses and related due dates.

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MILESTONE REPORT

1. Objective

A deliverable is a measurable and verifiable outcome or object that a project team must create and deliver according to schedule.

In below, there can be observed that milestones are composed of some smaller tasks and mark important phases of a project to be completed on time.

2. Deliverables

The deliverables of the system are listed in below. They are organized by weekly deadlines in order to be in line with the schedule every week.

- 2.1. Twitter API Testing, Extracting Data
- 2.2. Listing the Emoticons
- 2.3. Creating Database Structure in NoSQL (Backend)
- 2.4. Creating Database Structure in NoSQL (Frontend)
- 2.5. Data Depiction on Map (Frontend)
- 2.6. Data Depiction on Map (Integration)
- 2.7. Testing (Backend)
- 2.8. Testing (Frontend)

3. Evaluation of Deliverables and Statuses

In this part, deliverables are listed with their respective evaluation steps. Also, they are colored in accordance with their statuses.

Here is the legend of the statuses:

	Completed
	In Progress
	Planning

3.1. Twitter API Testing, Extracting Data [Due: 7 March 2017]

- 3.1.1. Connecting to Twitter Streaming services with Twitter API.
- 3.1.2. After generating a connection extract Tweets that have emoticons.

3.2. Listing the Emoticons [Due: 14 March 2017]

- 3.2.1. Listing the emoticons from the extracted tweets by their location
- 3.2.2. Grouping the emoticons in the text

3.3. Creating Database Structure in NoSQL (Backend) [Due: 21 March 2017]

- 3.3.1. NoSQL database will be used as a database structure.
- 3.3.2. Historical data for each emoticon by country based
- 3.3.3. Country based counter will be added.

3.4. Creating Database Structure in NoSQL (Frontend) [Due: 28 March 2017]

- 3.4.1. For the user interface, REST services will be coded.

3.5. Data Depiction on Map (Frontend) [Due: 4 April 2017]

- 3.5.1. Data that are fed into database will be visualized on the world map by countries.
- 3.5.2. Frontend part will be completed. (HMTL/CSS)

3.6. Data Depiction on Map (Integration) [Due: 11 April 2017]

- 3.6.1. Integration of services part with the map.

3.7. Testing (Backend) [Due: 18 April 2017]

- 3.7.1. Error code testing (HTML related errors will be added)
- 3.7.2. Historically collected data of emoticons will be tested that is kept in the database.

3.8. Testing (Frontend) [Due: 25 April 2017]

- 3.8.1. Testing the system with different devices.
- 3.8.2. Historically collected data will be tested on a separate statistics page.