

Bi-week report # 1

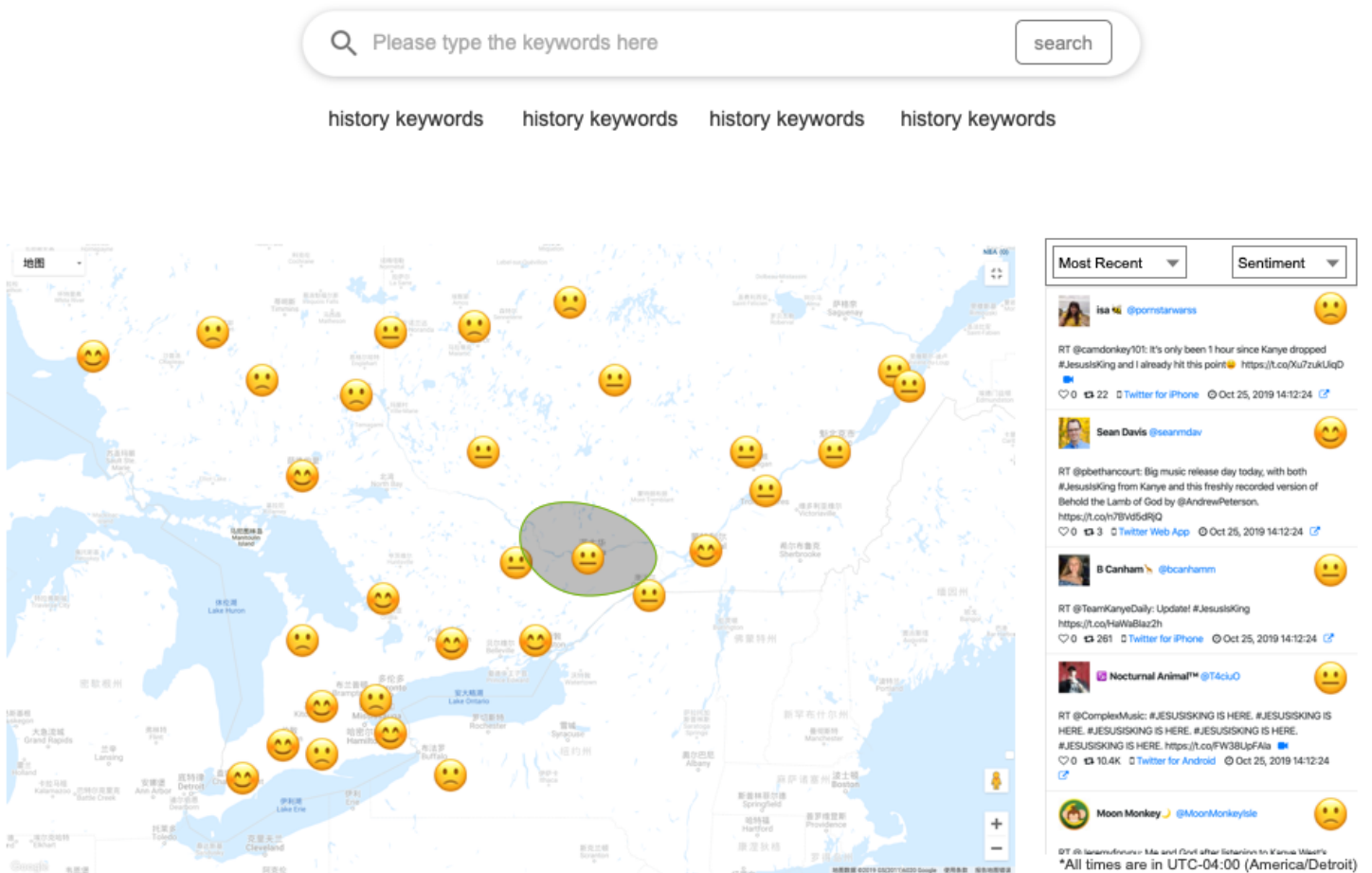
(Initial construction and planing)

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Date: 25th.Oct
To: Dr.Pooya

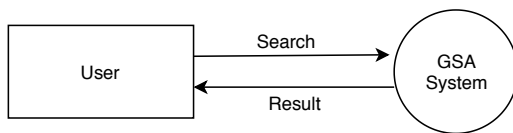
I. Prototype & Description

Geospatial sentiment analysis using social media hashtags

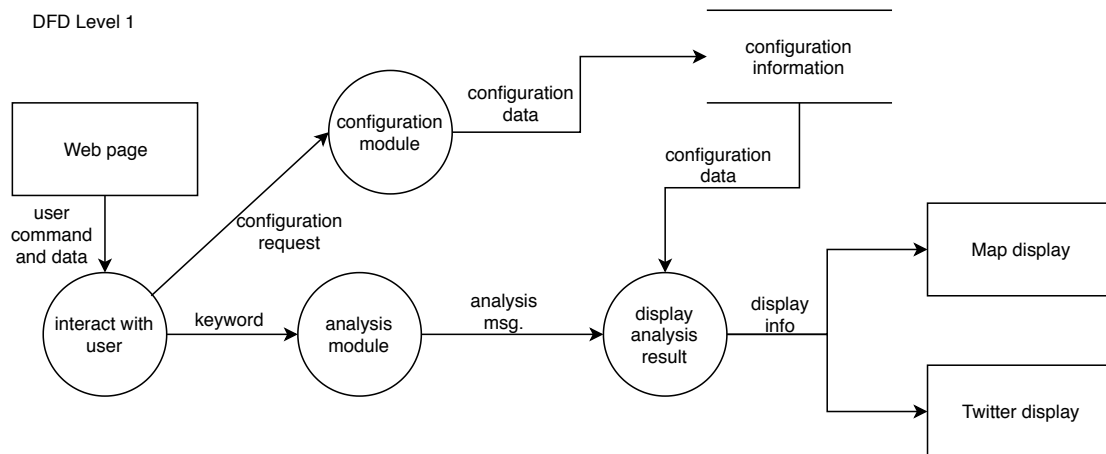


II. DFD

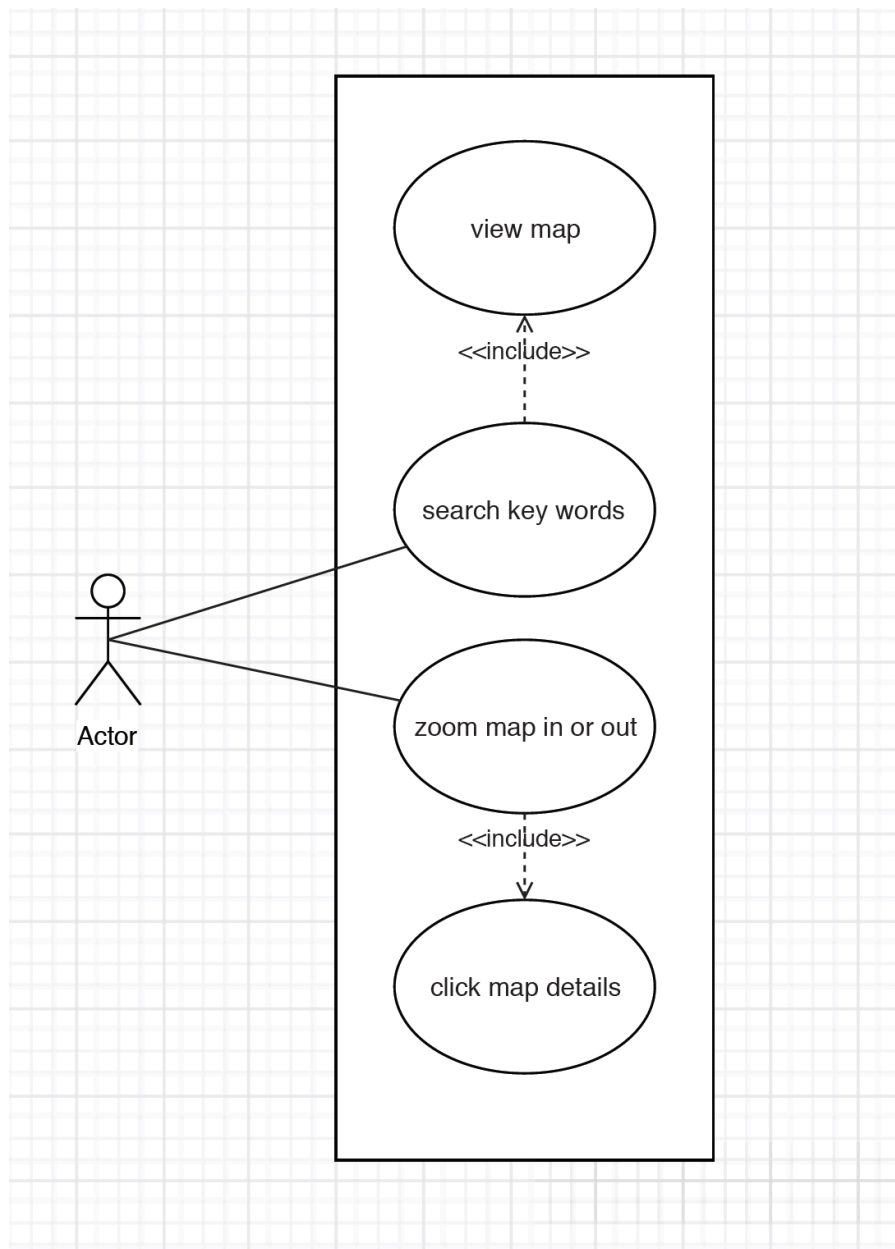
DFD Level 0



DFD Level 1



III. User Sceneries



IV. Feature List

1. User inputting module

- a. Inputting the information into the search box

2. Searching and filtrating module

- a. Grabbing related texts from social media
- b. Storing all the related tweets in the database

3. Sentiment analysis module

- a. Analyzing and evaluating all the tweets in the database
- b. Summarizing and categorizing all tweets based on attitudes, location and other related information

4. Map structuring module

- a. Presenting the country region at default state
- b. Zooming map supported

5. Result visualization module

- a. Displaying the conclusion on the map

V. Appendix — Team discussion records

