**Using Sentiment Analysis to determine state of mental health**

Preferred Guide:

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Project group members:

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Project Definition:-

1. **(Primary)** To develop an application to determine the user's’ mental state based on the individuals’ interactions on social media. It will track the users’ mental health over a period of time provide statistical information on it. Appropriate suggestions would be provided to the users based on the gathered statistics.
2. **(Optional)** It could also provide information on depression by providing access to mental health information based on its diagnoses and recommend a course of action.
3. **(Optional)** It could provide therapeutic relief by means of sharing media, and event locations based on popular peer reviews and recommendations as part of user rehabilitation.

Technologies/Toolkits: NLTK v3.0.2 (python), OpenNLP v1.5.3 (Java)

Software: Android SDK (Android 4.0.4 or higher), JDK (1.7 or higher), Python, Twitter API (v1.1), Facebook API (Graph API v2.3).

Hardware: Android smartphones running 4.0.4 or higher. (2 GB RAM, 1.5 GHz, 500 MB Storage space).