**Introduction:**

Songs is a way to express our emotion and harmony through vocal or instrumental sounds or both. We human beings are sing a song or hear songs when we are happy or sad. Music and songs control our emotion and makes our mind cheerful and joyous and reduce loneliness. Songs are meant to be the way of expressing emotion. Here lyrics plays a major role to make a song cheerful or emotional to the audience. In this project we will analysis emotion from Bengali songs lyrics. Here we will analysis songs lyrics and detect the lyrics as sad song, Romantic song or Patriotic song lyrics etc.

**Motivation:**

Music influences its audiences. It creates emotions- makes us happy, sad, or calms us down. But one of the lesser-known aspects is the role music played in setting the tempo for the War of Liberation of Bangladesh. When we are depressed or sad music reduce it calms us down. Again listening music is benefit for our health also. It contributes to reducing pain and favors the production of endorphins. Lyrics is the key factor to makes song great. Here in our project we will analysis Bengali songs lyrics and analysis the emotion of it. This will help us to hear music according to our moods and emotions.

**Dataset:**

To analysis the emotion from a song we need lyrics. So, we will create a dataset having popular Bengali songs lyrics. Then we manually analysis the lyrics and then leveling the lyrics as sad song, Romantic song or Patriotic song lyrics etc.

**Proposed Approach:**

In order to conduct our lyrics analysis we need to have Bengali songs lyrics dataset. So first of all we collect 500 or more lyrics and then analysis the lyrics manually and leveling them as sad song, Romantic song or Patriotic song lyrics etc. Then we are planning to divide the dataset into different train-test split ratios and cross-validate them. After that we read the lyrics and then preprocess the lyrics such as removing unwanted character and then tokenized the words. After that we will applying emotional analysis for each sentence and using TF-IDF model and Word2vector model to analysis the lyrics. To predict the test dataset we will use Adaptive Boosting algorithm, XG boosting algorithm or Gradient boosting algorithm etc. After predict the emotion analysis of a lyrics we will check our model performance using different performance metrics such as accuracy, precision, recall, F-measure etc.