# SOFTWARE ENGINEERING PROJECT PROPOSAL

|  |  |  |  |
| --- | --- | --- | --- |
| Project Title | **Web-Based Sentiment Analysis** | | |
| **Abstract** | The project will be a web-based deployable “Sentiment Analysis” which will have a simple user text input. The given text data will be analyzed by a Deep Learning Model which will be trained on the data scraped from the internet specifically from social sites and search engines. It will provide the type of text i.e essay, paragraph, letter, or something else. It will also tell the mood of the writer i.e whether the text gives joy, excitement, sorrow or information, etc. It will also provide an overall score which will be based on everything that it will be given individually. | | |
|  | **Roll No.** | **Name** | **Signature** |
| **Group Members** |  | Syed Muhammad Umer (CS-18076) |  |
|  |  | Huzaifa Ahmed (CS-18078) |  |
|  |  | Tooba Aamir (CS-18094) |  |
|  |  | Hoor Khalid Soomro (CS-18110) |  |
| **Tools1 to be used** | **Front End:** HTML, CSS, bootstrap, JavaScript  **Back End:** Flask(Python), PyTorch(DL Framework)  **Database:** Postgresql or .txt(due to storage of words)  **Code Editor:** Atom or PyCharm  **Designing Tool:** StarUML  **Testing Tool:** PyTest (Python Framework)  **Version Control:** Git | | |

**Date of submission:** 13-November-2020

|  |  |
| --- | --- |
|  | Approved by  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Course Instructor** |