**FEASIBILITY REPORT**

**Project Name –Multiuser Text Editor.**

**Project Members – Sidhant Arora, Soham Ghosh, Soumik Pradhan and Sudhanshu Arora**

**Project Start Date – 8th August, 2016**

**Project End Date – 27th November, 2016**

**Introduction to Project** –

A collaborative editor is a form of software application that allows several people to edit a file on different computers.

It uses real time collaborative editing where users can edit the same file simultaneously.

**Feasibility Analysis** -

1. Economic Feasibility – The project is economically feasible as the cost of developing the project is close to price estimated by the client.
2. Technical Feasibility – The project is technically viable, as the team members have the technical expertise needed for the completion of the project, mainly in the field of Python.
3. Operational Feasibility – The project aims at multiuser text editing facilities in real time environment which can easibly be achieved using python language and sockets.io.Hence, the project is operationally feasible.
4. Cultural Feasibility – The project is culturally feasible as the it requires basic programming language understanding for the development of this project.
5. Schedule Feasibility – The project is fully feasible within the time-frame of four months. The project will easily be finished within the specified end date, with ample time left over for debugging, maintenance, and inculcating extra features.
6. Legal Feasibility – The project does not violate any laws pandering to piracy or cyber-crime, as the API used is open-source under the GNU General Public License v3, 2005.
7. Safety Critical (Yes/No) – No. The project, *if* found to be non-functioning, is not detrimental to the client’s systems, lives, or environment.

**Feasibility Result -**

Feasibility score > 60% (score decreased only due to permanent lack of support for non-English users).