**Project Name: Grade Performance Analyzer**   
**Feasibility Report**

**Objective of the Project:**

The objective of the project is to standalone application which capable of analyzes student’s marks in several weeks or particular time period and compares them with other students and predicts the future result based on previous years.

**The Need for the Project**

At the moment even lectures have their student’s result but they cannot compare it with others and also they cannot analyze them and cannot get idea about successfulness or fail of their studies. By this application since he can get early warning before closer to examination he can upgrade the result of batch by giving early warnings.

**Technical Feasibility**

This project will require a good knowledge on Python in order to implement it. I’m confident I will be able to acquire the required knowledge in the development of the project since there are lot of sources available for study python and these algorithms are already implemented in some already existing open source softwars. Therefore it’s feasible to acquire these necessary documents.

**Budget and Time-Constrains Feasibility**

This project does not needs any extra budget since every frameworks and tools that need can be get free of charge. This is on top of the work that is to be done during the semester. However I believe that enough time is available and can be allocated to complete the project on time and with required functionality.

**System Integration Feasibility**

Since this is a standalone single user system integration of the system would a big issue.

**Risk Feasibility**

This project is carried out separately (just an improvement) from the original product (Nefix API clustering algorithms). Hence if this project is a success the feature can be integrated to the product and even if the project fails in the middle no harm will be done to the existing product. Therefore this project doesn’t seem to involve any risks at all.

**Social/Legal Feasibility**

Since all the resources used are open source, there won’t be any issues raised against the fact that the project using an existing code base. So that copyrights or patents won’t have an effect on this.

**Overall Feasibility**

As detailed above the project is feasible under the terms of the need for the project such as Technical feasibility, Budget ,Risk Feasibility **,** Social/Legal Feasibility**,** Time-Constrains feasibility and the System Integration feasi*b*ility, this system is feasible enough to implement.