



A Project Proposal on Software Development

Course Title : Software Development Project – 1

Course No. : CSE 2100

Submitted by

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Project Name

Development of the software named “CGPA Calculator”.

Abstract

Calculation is one of the most frequent daily task that we do in every aspect of our life. There are many types of calculation and there exists many reasons behind all those calculations. In student life, calculation is a part and parcel for every single student. From the primary school to the higher level study, calculation can be seen everywhere. In university student life “CGPA” is one the most common term that we all are concerned of. CGPA stands for “Cumulative Grade Point Average”. Eventually CGPA is the cumulative sum of GPAs. Usually CGPA is the measuring scale of a student’s academic progress. To measure CGPA, a term named “Weighted Average” needs to be known. In this type of average calculation a weight for each item is present which comes to the calculation.

Motive of the Project

The main motive or objective of the project is to calculate the CGPA of a students semester. This project’s CGPA calculator software will be provided with the facility of determining the semester result of a student in the form of CGPA.

Project Requirements

- Operating System (Windows 10)
- Codeblocks IDE / MS Visual Studio ,
- C++ as the programming language for Coding

Desired Impact or Outcome of the project

This project is all about developing a software “CGPA Calculator” which will be able to take some inputs from the user about Course name, Credit, acquired GPA of that corresponding course and finally it will be ended up publishing the result which is the calculated CGPA of the user. Thus this is a simple windows32 GUI Project , it will show all its functions in a window.