**ABSTRACT**

This project has been submitted in the fulfillment of the requirements for the Bachelor’s of Computer Application (BCA). We the team members of this project, take pleasure in presenting the detail project report that reflects our efforts in academic year 2020-2021.

Our project involves designing a Grid framework for executing complex applications where the process is divided into threads and accordingly the threads are executed by the executors. The outputs generated by the executors are given back to the manager which in turn gives the results to the owner. This is a dedicated in which the manager can select particular executors to run the application.

Initially manager is started by connecting it to a storage application. The executors are connected to the manager by providing the required credentials. Once the executors get connected to the manager the execution of the required can be started.

Additionally, there is a Grid console which keeps track of the executors connected and the applications running. A record of all the operations performed by either of the logger is maintained in a log file.

**ACKNOWLEDGEMENT**

We have immense pleasure in presenting the report for our project entitled “Online Exam System”.

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1. Introduction

2. Objectives

**1. Introduction**

For accomplishing big projects, the number of developers work collectively on different modules. Their efforts when combined together gives the final outcome. However, a member working on one module may encounter the need to understand other modules. Hence, he may feel the need of telling the concerned member to explain his module. It may be time consuming and troublesome for the concerned member to explain the entire code of the module. Therefore, there arises a need for a tool like CLASS BROWSER which gives the class diagram of the entire module(project). It is quite reliable and easy to understand. It also helps in debugging large projects.

The traditional view of software development takes an algorithmic perspective. In this approach, the main building block of all software is the procedure or function. This view leads developers to focus on issues of control and the decomposition of larger algorithms into smaller ones. There is nothing inherently evil about such a point of view except that it tends to yield brittle systems. As requirements change and the system grows, systems built on algorithmic focus turn out to be very hard to maintain.

The contemporary view of software development takes an object-oriented perspective.In this approach , the main building block of all software systems is the object or class.Simply put, an object is a thing, generally drawn from the vocabulary of the problem space or the solution space ; a class is a description of a set of common objects. Every object has identity, state ,and behavior.