**CHAPTER 1**

**INTRODUCTION**

● BACKGROUND OF THE PROJECT

● OBJECTIVE OF THE PROJECT

● SCOPE OF THE PROJECT

BACKGROUND OF THE ORGANIZATION

IUB is a well-recognized private university in Bangladesh. It is located in Bashundhara Residential Area of Dhaka, Bangladesh. It was established in 1993 under the Private University Act, 1992.[1][2] with an explicit focus on Research and Global partnerships. IUB has an enrollment of 7,378 students, 11,556 alumni and 401 faculty members (of which 38% have PhD's mostly from North America). IUB is the only university in Bangladesh that was shortlisted in the Times Higher Education (THE) Awards 2020 for student recruitment campaign of the year. IUB's position is at the top in the whole of Asia. According to world university rankings of Times Higher Education (THE) IUB stands within 400th universities globally in terms of various aspects of impact analysis.

BACKGROUND OF THE PROJECT

The aim of our project is to build a system that will improve our current system of grading our students, tracking students PLO and Co’s as well as generating reports. The main goal was to improve current PLO and CO tracking system to reduce time in between process of different departments and also to Visualize our system data so that it can be easier to understand our flaws and where we need more improvement.  The visualization of data will help higher authorities to take better decision for our institution. Our fellow students will be able to track progress of their university life throughout the system. In addition, our software hopes to benefit the institutional bodies as well as faculty members, administrative bodies and departmental bodies as well throughout the system it’ll be more easy to map PLO’s and CO’s with different courses and faculty member will be able to upload CO’s  directly to the system .

OBJECTIVE OF THE PROJECT

Our project intends to create an interactive, user-friendly software that will act as a platform for students, faculties and other members of the university to help improve the quality of education and

revolutionize the way we integrate technology into our education. We believe the data we have

collected, evaluated and arranged will unlock opportunities for massive advancements in our

educational sector and will also contribute significantly to the field of Computer Science. Such being

the case, The system will enhance the project scope so that it will bring about benefits to all of the

Departments.

SCOPE OF THE PROJECT

The scope is to assist in the efficient and effective implementation of the project through the following tasks:

➔ Doing research about the university and its current system

➔ Collecting data of current system

➔ Finding out flaws and scope of improvements

➔ System Designing

➔ Data modeling

➔ System Modeling

➔ Program Analysis

➔ Reporting

➔ Project management

➔Time management