### Exam System

### Section 006

This project is a complete Exam System. It enables users to set up tests, view and grade results, and analyze performance data.

Users can set up tests with multiple questions, including objective and essay questions. A Timer for each test can be generated and can randomly select questions from a large pool of questions. It also allows users to leave comments on the test results for further analysis. The system also allows the administrator to publish test results and summary.

It records exam answers, multiple choices, and short answer questions, time spent, and marks obtained. With this system, users will be able to take the exams with ease and accuracy.

**INHA UNIVERSITY IN TASHKENT**

School of Computer and Information Engineering

Spring semester 2023

Project- (Students Learning)

**Object Oriented Programming (MSC 1052)**

M.M: 15 marks Submission Date: **10May 2023**

Guidelines

Design an application using C++ which can perform a defined task. Your application should exhibit proper user interface and should shows appropriate menus wherever required. Application should also handle basic validation checks applicable to your application. Your application should incorporate the basic features of object oriented programming (e.g. constructor, overloading, polymorphism, inheritance, static, final, file handling, exceptional handling etc.). Each project can be made in a team of four members of the same group.

Important Note

1. You have to upload the source code along with 3 screen shots of your application on eclass
2. You have to give short presentation of approx. 7-10 min to explain and demonstrate your work.

Project Evaluation

Your work will be evaluated on following parameters

1. Problem Understanding (Clarity of your problem undertaken)
2. Usability ( design of user interfaces)
3. Scope (features/functions covered in your application)
4. Course Usage ( number of C++ features used in an application)
5. Validations handled.