



**American International University-Bangladesh (AIUB)**

**Department of Computer Science**

**Faculty of Science & Technology (FST)**

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**CSC 2210 Object Oriented Analysis and Design (OOAD)**

**Section: D**

**Group No: 05**

**ONLINE COURSE RESERVATION SYSTEM**

An Object-Oriented Analysis and Design (OOAD) project submitted  
By

SL No	Student Name	Student ID	Contribution
01	Khan, Abrar Ahmed	19-41427-3	25%
02	Fahim, Junayed Kabir	19-40171-1	25%
03	Tasnim, Nishat	19-41720-3	25%
04	Islam, Nawrin	19-39339-1	25%

# Online Course Reservation System

## Motivation & Background Study:

**Online Course Reservation System** is way for students as well as faculties to reserve their preferred courses online without the hassle of being present physically. Through this system the administrator in charge has to first login. Then he/she may set the available courses, set their details (schedule, section, credits, prerequisites etc.). After offering the courses, students can login to the system and search for courses that are available for them particularly. They can check the details and reserve the courses. After administrator offers courses to the faculties, they can view the courses as well as fill up the forms for their preferred course. Faculty can also suggest a course convenor whom is then selected by the administrator. If the students cannot get a course, they can request one or more. These are checked by the administrator and if verified, the available course is assigned to the requested student.

## Requirement Analysis:

### 1. User Category:

There are 3-types of Users here. They are:

- Student
- Faculty
- Administrator

### 2. Feature List:

In this project the “Student” has the following features:

- Login
- Search for available courses
- View course details
- Reserve courses
- Confirm reservation
- Request courses

In this project the “Faculty” has the following features:

- Login
- View course details
- Fill ups the form
- Choose courses
- Suggest a course convener

In this project the “Administrator” has the following features:

- Login
- Set available courses for students
- Set available courses for faculties



- Set course details
- Offer courses to faculties
- View faculty and student details
- View request forms
- Assign faculties to sections
- Select a course convener
- Assign courses to students

