**Republic of the Philippines**

**BICOL UNIVERSITY**

College Of Science

**BACHELOR OF SCIENCE in INFORMATION TECHNOLOGY**

**Legazpi City**

**BSIT 3A**

**MODULE:** Scheduling System

**MEMBERS:**

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**General Objectives:**

* Provides a conflict-free schedule for the teacher and students. Also generate printouts for easy distribution.

**Specific Objectives:**

**1:** Design scheduling system/schedule of classes and room utilization

**2:** Conflict checker

**3:** Generate summary of teaching schedule

**Scope:**

**SO1:** Design scheduling system that can save your time, day, and week for scheduling the time. To control and set a specific number of students in a classroom. To identify the number of enrolled students and number of seats available.

**SO2:** In creating the schedule, the system will be able to check for possible conflicts made in the schedule. If there is a conflict in the schedule, the system will inform the user/admin of the conflicts and it will not be stored in the database.

This includes the checking of conflicts upon the registration of every student in there suggested section and grade level based on desired maximum number of student allowed.

**SO3:** Generate a printouts timetable. The program automatically creates timetables for each personnel and classroom. It creates summary timetables of personnel or classrooms for the entire school. Once printed it helps to easily assign substituting personnel when necessary.

**Delimitation:**

\*Only registrar is authorized to check and update teacher’s time schedule, room, days, section, and year to be handled.

\*Personnels can see their schedule.