Topic: AIUB Student Project Management System.

The main purpose of this application is to easily construct groups among all the students in a section for doing project. In brief, the application will help students as well as respected faculties to form and manage project groups.

In projects, Faculties have to maintain many hard copies regarding group members, their names, IDs, project titles, as well as mark distribution which takes a lot of time and effort to manage. Through this application faculties can easily make and edit groups anytime. They can distribute the contributing-part of a project to each student. Faculty can also show all the groups in a semester and their full details. In this application all the students of a section will upload their group status and their own status (if single) and every student can see and construct groups among them by avoiding all the harassments.

Faculty can also use this application to judge each student. Faculty can give them marks according to their contribution and VIVA. While taking VIVA faculty can identify which part student was able to answer and give mark according to that.

Through this application, faculty can also know every group’s project topic and project details by watching it there. He will also be able to distribute everyone’s part. So, there won’t be needed any hard copy for this activity.

Main Features:

1. Faculty can create Project Groups by importing excel Files.
2. Faculty can Create Groups Manually.
3. Faculty can add or remove or edit group members anytime.
4. Faculty can view all the groups in any semester.
5. Faculty can judge students in VIVA with the help of this software.

\*\* More features will be added later \*\*

**OOP2 PROJECT**

Topic:

**AIUB Student Project Management System**

**Group Number:**

**Group Members:**

**NAME ID SECTION**

1. **ZAMAN, F. M. ASIF-UZ- 15-30593-3 A**
2. **MD. RAFIQUE-UN NABI 15-30515-3 A**
3. **HOSSAIN, SAKAWAT 15-30571-3 A**
4. **SARKER, KARNO 15-30587-3 A**

Table Name: Verification

Columns:

|  |  |  |  |
| --- | --- | --- | --- |
| NAME | EMAIL | USERNAME | PASSWORD |
| String | String | String | String |

Primary Key: Username

Table Name: All\_Groups

Columns:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GROUP NAME | GROUP NUMBER | PROJECT TITLE | TOTAL MEMBER | SEMESTER |
| String | Integer | String | Integer | String |

Primary Key: Group Number Foreign Key: Group Number

Table Name: Individual\_Group

Columns:

|  |  |  |  |
| --- | --- | --- | --- |
| STUDENT NAME | STUDENT ID | STUDENT SECTION | PROJECT PART |
| String | String | String | String |

|  |  |  |  |
| --- | --- | --- | --- |
| STUDENT SERIAL | STUDENT MARK | GROUP NUMBER | SEMESTER |
| String | Integer | Integer | String |

Primary Key: Student ID Foreign Key: Semester, Group Number

Table Name: ALL\_SECTION

Columns:

|  |  |  |  |
| --- | --- | --- | --- |
| SECTION NAME | SEMESTER | STUDENT NAME | STUDENT ID |
| String | String | String | String |

Primary Key: Student ID Foreign Key: Semester