**Dhaka University Calendar Management Application**

**Intended Users:** First year students of Dhaka University.

**Vision of the project:**

1.Provide information regarding Dhaka university, such as – glorious history, faculties, departments, institutes, offices, halls etc.

2.Academic plan of the departments and institutes.

3.University calendar in the application.

4.University transport information.

5.University map.

6.University hall, club achievement information.

7.Provide group to communicate within the batch of his/her department/institute for one year.

8.Provide a chat bot for searching answers.

**Project parts:**

1. Account management.

2. Communication management.

3. Chat bot management.

4. Dhaka university transport schedule management.

5. Calendar management.

6. Static parts – universityhistory, faculties, departments, institutes, offices, halls etc**.**

**Account Management:**

User: First year students.

Account creation:

Provide necessary information , like – name, email, age, gender, phone number, registration number, department name.

Account removal:

After one year the accounts will be deleted automatically and the users will be notified through email.

**Communication Management:**

User: First year students.

Group creation:

Group will be created when someone clicks on the option to join the group.

Enrollment in group:

Every registered user can join the group of their department.

Group termination:

After one year group will be terminated.

**Chat bot management:**

User: First year students.

Activities:

Users both registered and unregistered can ask relevant question to the bot.

Bot will be trained using sample data set created by the developer.

Bot will learn using machine learning as users may provide some feed backs.

**Transport management:**

User: First year students.

Activities:

Schedules for every bus of every route will be shown.

Alarm for the next bus can be created or deleted by user.

Database will be updated from DU central database.

**Calendar Management:**

User: First year students.

Activities:

Calendar will be shown as month and the vacations will also be added according to department.

**Static part:**

User: Students, teachers or employees.

Activities:

Users will be able to learn about the history, faculties, departments, libraries, halls and institutes,