Department of Computer Science

Mid Term Project Proposal, Summer 18-19

Course Title	Advanced Programming in Web Technology	Section	A

Group Members:

Student ID	Name	Signature
17-34168-1	Islam, Raiyan	
17-34197-1	Abedin, MD Asif Bin	
17-34208-1	Islam, MD. Shariful	
17-34216-1	Uddin Shihab	

Project Title:

School Management System

Short Description:

A management platform for schools where all types of users can login to their separate accounts and conduct action according to the given list of features.

Five type of user: 1. Super Admin 2. School Admin 3. Teacher 4. Student 5. Parent

Common Features for all users:

1. All users can login/logout to the system.
2. All users can check their profile and change their password.

Super Admin functionality:

1. Maintain modularity of features across all roles.
2. Can add new school admin and update information.
3. Can provide live support to school admin through video call and screen sharing.
4. Generate information of students/teachers in particular class.
5. Override Password of any account.
6. Restrict sign-in for any group of user-accounts.

School Admin functionality:

1. Can add new student and update information.
2. Can add new teacher and update information.
3. Can add new staff and update information.
4. Can manage information regarding subjects or courses.
5. Can allocate new section and update related information.
6. Can make class schedule and update them.
7. Can view students' result.
8. Can manage Library information.
9. Can manage exam schedule and other related information.
10. Can manage admission related information.
11. Can manage notices.
12. Can manage events or programs.
13. Can view attendance.
14. Can view any information related to students or teachers or any other staffs.
15. Can create any role of user in the system.
16. Can update own information.

Student functionality:

1. Can check teacher's name, Department and Designation

2. Can check routine

3. Can check grade

4. Can check general notice

5. Can check assignment

6. Can download notes

7. Can submit assignment

8. Can check item in lost and found

9. Can generate pdf from mid and final

11.Can check medical information

12. Can check all subject's name

13. Can check calendar

14. Can check attendance.

15. Can conduct Live class.

Teacher functionality :

1. Teacher can upload notes.

2. Teacher can upload notice.

3. Teacher can update consulting hour

4. Teacher can check 'lost & found'

5. Teacher can notify parents/admin about student status

6. Teacher can check his/her routine.

7. Teacher can check academic calendar.

8. Teacher can upload assignment.

9. Teacher can generate student's mark sheet

10. Teacher can check individual student's academic information.

11. Teacher can check student's grade.

12. Teacher can give input of student's marks.

13. Teacher can check medical information

14. Teacher can give attendance.

15. Teacher can conduct live class.

Parent Functionality:

1. Request live online meeting with teacher/school admin.

2. Check student grades.

3. Check Notices.

4. Check academic calendar.

5. Submit Application for various purposes.

6. Check student Attendance.

7. Generate student grade for term exam.

8. Receive message from teacher regarding students.

9. Notification of any updates.