 **CSE 471: System Analysis & Design**

**Session: Spring ‘19**

**Section:** **02**

**Group No:**

**05**

**Project Title: Online Tuition System**

*Group members:*

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**Functional Requirements:**

1. User can login using the Login page.
2. Signing up in the Sign Up page if not a member.
3. User can put up a “Need for a teacher post” with further details in the news feed page
4. Using the dedicated search bar to find both teachers and students as per the searcher’s requirement.
5. If the normal search facilities don’t suffice for users, then advance search options will be available to narrow down results.
6. Commenting is enabled for both teachers’ and students’ posts alike.
7. User can print out a teacher’s or a student’s information.
8. User can edit profile details when needed.
9. User can do their payments using Bkash, Rocket and Paypal.
10. Users can give feedback, and rate the teachers in our system.
11. Users can see teachers’ and students’ basic profiles.

**Non-Functional Requirements:**

1. **Operational Requirements:**

* The system will operate in Windows, Linux, Android OS and Macintosh environments.
* The system will be able to support logins using Facebook and Gmail.
* The system will be very responsive.
* The system will be able to import jpg and png files.

1. **Performance Requirements:**

* Response time must be less than 10 seconds.
* The membership database must be updated in real time.

1. **Security Requirements:**

* Security protocol are heavily implemented in the system to avoid system breach.
* Teachers in our site are all verified and heavily background checked to avoid any reliability issues.

1. **Cultural and Political Requirements:**

* No special cultural and political requirements are anticipated