# B.Sc. Project/Thesis Proposal

Bangladesh Army International

University of Science and technology (BAIUST) Date:

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**Proposed Topic:**

**BAIUST Class Monitoring System**

**Characteristics:**

This project about class monitoring System. Using this app a teacher will get everyday class routine, can take attendance , publish exam marks , can get Recheck Request and also can publish a any notice. A Student can check his/her attendance percentage everyday, can get his/her daily class routine , also will be able to know his/her exam marks ,can check the notice which is only related to his/her can also can request for recheck his/her exam paper. Admin can upload student profile, Teacher profile ,Class Routine, Payment and many more things.

**Project Goal( For Project Only):**

This Project will helpful for teacher and student both.

**Methodology(For both Thesis and Project):**

The methodology should correspond to the hypotheses and the available material specified above. You can briefly describe which theoretical and analytical concepts based on deduction or induction (i.e. on empirical or experimental approaches) you are going to employ.

Use Case Diagram:

Admin

Teacher

Student

**Platform and Tools(Project Only):**

* Android Studio is the official integrated development environment for Google's Android operating system, built on JetBrains' IntelliJ IDEA software and designed specifically for Android development. It is available for download on Windows, macOS and Linux based operating systems.
* Java is a popular programming language, created in 1995. Java is a general-purpose programming language that is class-based, object-oriented, and designed to have as few implementation dependencies as possible. It is owned by Oracle, and more than **3** billion devices run Java.

It is used for:

* + Mobile applications (specially Android apps)
  + Desktop applications
  + Web applications
  + Web servers and application servers
  + Games
  + Database connection
* And much, much more.
* Firebase is a mobile and web application development platform developed by Firebase, Inc. in 2011, then acquired by Google in 2014. As of October 2018, the Firebase platform has 18 products, which are used by 1.5 million apps.Firebase provides a realtime database and backend as a service. The service provides application developers an API that allows application data to be synchronized across clients and stored on Firebase's cloud.

**Outline(For both Thesis and Project):**

The expected structure of your thesis/project.

**References / Bibliography(For both Thesis and Project):**

List the most important papers/books you are going to use (specify at least 5 relevant references).

Supervisor signature