AHSANULLAH UNIVERSITY of SCIENCE AND TECHNOLOGY
Department of Computer Science and Enineering

CSE3200: Software Development-V

Spring 2021

PROJECT PROPOSAL

UTest

Lab Section: A

Group: A1

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1   Introduction

In Bangladesh, the timeline of HSC and Admission test is the peak time for the students. They need proper guideline according to their intellect. To judge their talent, they have to sit in exam. They can do their exam online without going outside utilizing their time properly. UTest is an online-based exam system where HSC and Admission candidates can perform exams according to their need. Students will have accounts, and rankings, based on their scores. They can tune exam duration, allow negative marking, select number of questions and related topics. The topics will cover the subjects like Bangla, English, Physics, Chemistry, Math etc.

2   Proposed Features

The main features of UTest are –

- ✓ Students will -

  - ➢ Have personal account, Rankings and Category(Gold/Silver/Bronze)

  - ➢ Get reward points on their score

- ✓ Students can –

  - ➢ Login by their email and password

  - ➢ Select question topics and number of questions

  - ➢ Allow minus marking

  - ➢ Tune exam duration

  - ➢ See correct answers, wrong answers and explanation of correct answer if provided

- ✓ Result Performance

- ✓ Questions can hold scientific and mathematical equations

- ✓ Each question will have 4 options and one of them is correct

- ✓ Students can re-exam on their mistakes

3 Entity-Relationship Diagram