

University of Barisal



Project Proposal

COURSE TITLE: *Operating System Lab.*

COURSE CODE: *CSE-3106.*

TOPIC: *Android Apps: World of GRE.*

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Introduction:

World of GRE, An android apps named represent the overall description about the project. Already there are many Android apps on GRE. But most of them are in English language and some Bangla language apps also present where those apps are only provide vocabulary or less information about GRE. So in this apps showing the details process of GRE examination and also provide famous books pdf download link which is very popular for GRE. Also user can take offline examination to improve their knowledge. Hence, this apps improve user GRE preparation and provide a clear concept about GRE examination without any confusion.

Objective:

The purpose of the project is to increase user knowledge about GRE which is written in Bangla language for easy to understand. This apps contains the examination structure of GRE and the three section of GRE examination. There are Verbal section, Quantitative section and Analytical writing section. In this section, the details are provided in those section and provides section books pdf link for easy to download. This apps gives user a clear concept about GRE examination structure and score details about every section. This apps also show the GRE score v/s USA University available within the range on score. User can participate offline examination on Verbal section or Quantitative section to increase their knowledge. For higher study in USA and Canada, GRE is must needed. For Bangladeshi student, they are very friendly with Bangla language rather than English. So, New candidate of GRE are found this apps very helpful.

Feasibility Study:

Using Android Studio, I can build a basic structure of apps. The basic information needed like GRE examination formation, Details information of Verbal section, Quantitative section and Analytical writing section will be collected from many blog which is blogging about GRE. All the important book pdf file will be managed from Google. Information also collected from Facebook GRE group for better purpose. Also needed GRE real Question so that I can set examination

Question properly. All the information will be in Bangla language. So needed some Bangla site about GRE examination information. That's all of my feasibility study for build my 'World of GRE' apps.

Requirement Specification:

There are two types for requirements named Functional requirements and Non-functional requirements for this apps. Here is some details about requirements specification:

❖ Functional requirements:

- ✓ Details knowledge about GRE examination structure is needed and where the examination occurs, when the examination held, the registration fees for the examination etc. is also needed.
- ✓ Three section details description is required.
- ✓ All section book pdf is required for download that book by just one click.
- ✓ Total GRE score is 340. So a list of table will be created which contains the University minimum require GRE score needed to admit those University.
- ✓ Model test examination question set is required.

❖ Non-functional requirements:

- ✓ Usability: This apps will be easy to use and user will clearly understand every sector in this apps.
- ✓ Maintainability: This apps will be modify or updates easily by the developers.
- ✓ Portability: This apps will be install any Android phone with minimum API 17.
- ✓ Reliability: This apps will not contains any ads or virus to make the phone slow or create disturbing situation of user.

Technology Used:

- i. Android Studio.
- ii. SQLite.
- iii. Android Phone with minimum API 17.

Timeline Design:

Date	Details	Total Days
15.05.2018 - 20.05.2018	All Resource collection about GRE examination.	6 days
21.05.2018 - 25.05.2018	Apps logo and structure created with Android Studio.	5 days
26.05.2018 - 31.05.2018	All Details Information add to the respective button.	6 days
01.06.2018 - 05.06.2018	Work with database for offline examination.	5 days
06.06.2018 - 07.06.2018	Build apk and install it on Android phone for testing. Also check all the information provide in this apps.	2 days

Conclusion:

The GRE (Graduate Record Exam) Test is the standardized test used to get admissions in various graduate schools or business graduate schools in various English speaking countries, especially the United States. More than 100,000 graduate school applicants from approximately 160 countries take the GRE General Test at 700 test centers. So for Bangladeshi student, this apps provides all information needed for GRE examination and also improved their GRE preparation by taking examination on verbal and Quantitative section without using any internet access.