

SnapBoard

Load Specifications

System for Real Time Presentation

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1. Overview

This document is a response to a project idea proposed by professor Tareq Al-Naffouri at KAUST and professor Georges Kaddoum at ETS. The project itself will be named “SnapBoard” and will resolve some common problems at seminars, conferences, ... The document will describe in more details the purpose of the project, the solution that will be implemented and the infrastructure we are going to build.

2. Understanding the problem

When attending seminars, conferences, lectures, ... there is usually a PowerPoint or any form of slide presentation. We commonly see participants taking photos of slides that attract their attention and recording parts of the event they like. They will often end up with long videos, bad pictures and a lot of disorganization in their phone. Also, many participants want additional information about the presentation or don't understand some slides and would like more explanation. Of course, having a private conversation with the speaker is not always obvious for many reasons. At the other side, the event organizer can't really improve his presentation with only general feedback. It will be useful to know exactly what slides need work and what parts caught the attention of the attendees.

3. Solution

The system must conveniently allow participants to track in real time the presentation, capture slides that caught their attention and leave feedback at any moment to the speaker. The presentation provided will be more valuable for the participants and will allow the speaker to improve his slides if needed. The speaker will also have good analytics about the attendees' interests, questioning, ...

3.1. SnapBoard objective

The objective of SnapBoard is to provide a mobile application to the attendees so they could have a real time connection and interaction with the presentation slides. The slides will be hosted on a desktop interface called (SnapBoard Admin) and a server will be responsible for all the back and forth communication through WIFI. The speaker will have access to an analytic interface so he can see the user's actions (like, comment, capture, ...)

3.2. Requirement Matrix

The following section qualify the correspondence between what is requested by KAUST and what is proposed by our team.

Requested
The attendees can capture and caption slides from the presentation. They can customize or choose from a list of captions.
The attendees can save a particular slide on there phone and can share it across social medias.
The attendees can save the audio/video of the speaker for any slide anytime during the presentation.
The attendees can leave feedback on any slide and the speaker will get notified.

Proposed
The attendees can track in real time the presentation on there phone/tablet/laptop.
The attendees can capture any slide from the presentation at any time.
The attendees can save a particular slide on there device.
The attendees can leave a like on any slide and the speaker will be notified.
The attendees can leave a comment on any slide and the speaker will be notified.
The speaker can see analytics from the attendees and is able to save it in Excel.
The speaker can enable or disable the presentation broadcasting in real time.

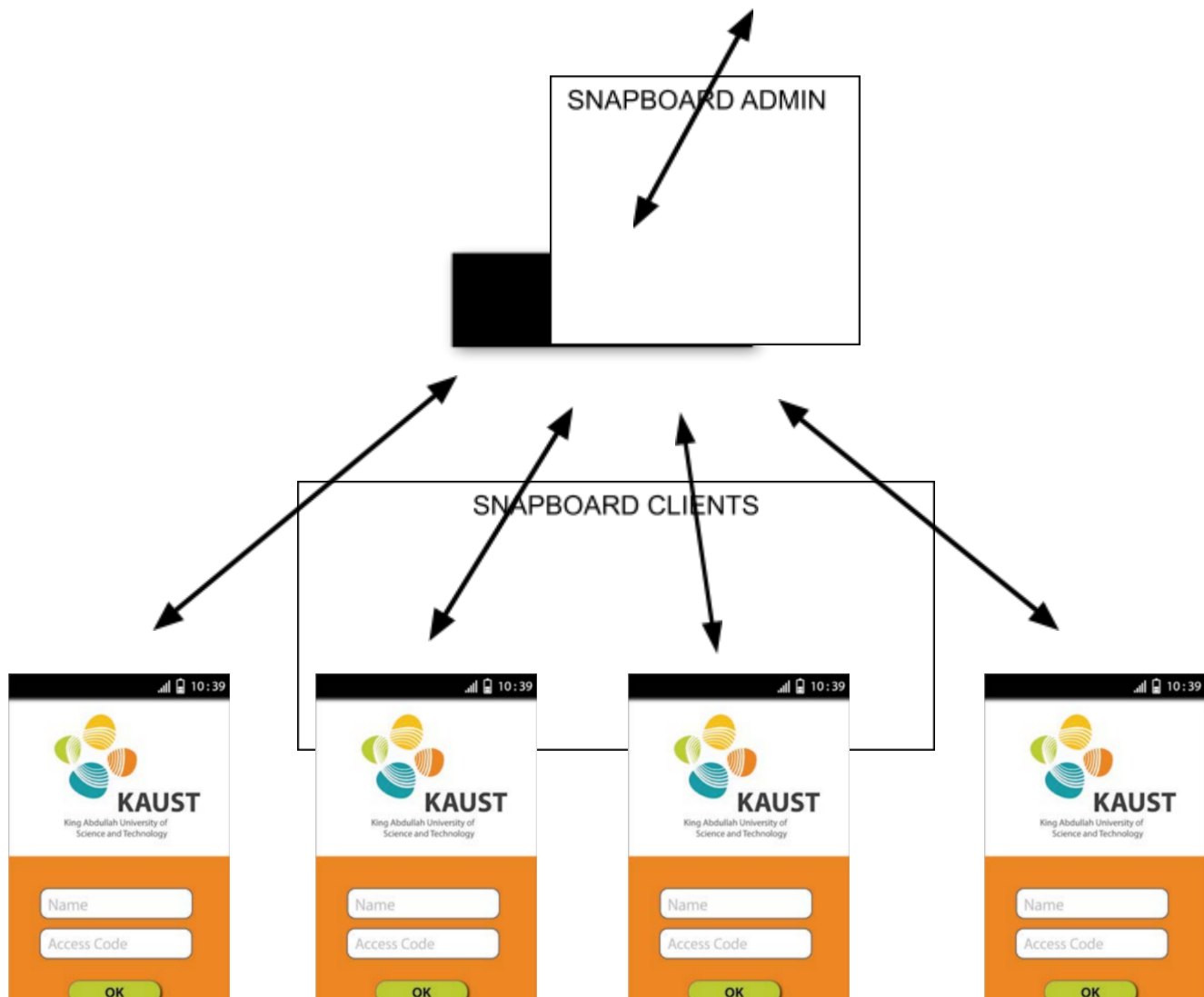
4. High level workflow

The purpose of the project is to build a mobile application, a desktop application and a server for a real time interaction between the attendees and a presentation. This is how the flow will look like:

- The speaker opens his PowerPoint, PDF, ... with the desktop application (SnapBoard Admin).
- The speaker will then provide an access key to all the attendees.
- The attendees start their mobile application (SnapBoard Client).

- The attendees log in with their email and the access key given by the speaker.
- The attendees can now like, comment, capture and track in real time the presentation slides.
- The speaker can see the attendees interactions in the analytics section.
- The speaker can save the analytic report in Excel format.

5. Architecture overview



6. SnapBoard Admin Mockup

6.1 Presentation Interface

Description: The PDF to present in real time to students.



6.2 Broadcast Interface

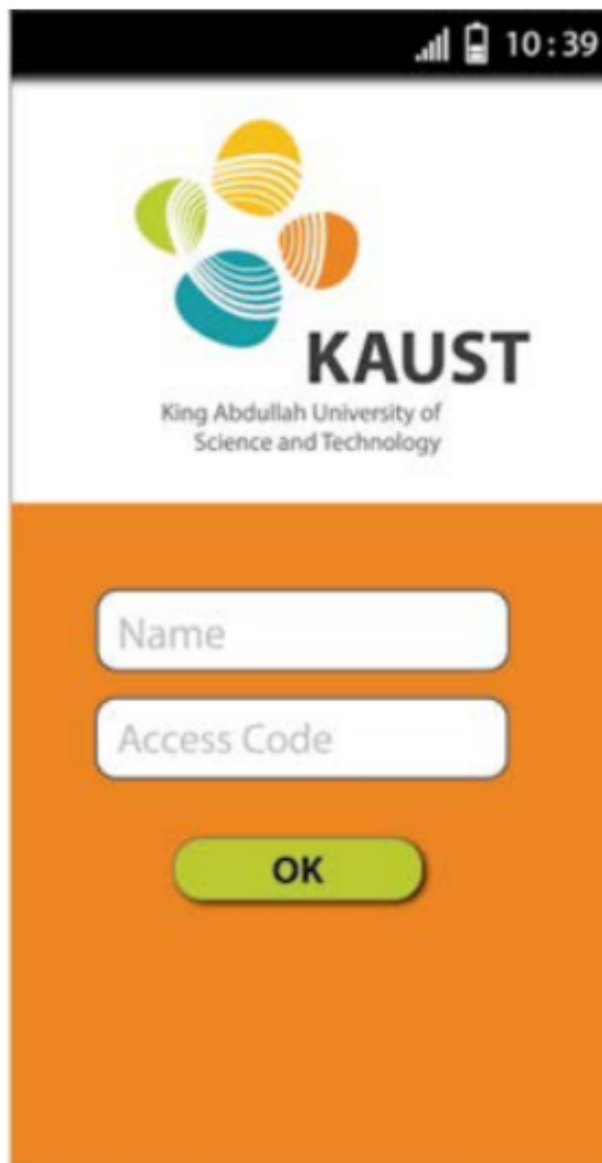
Description: Enable /Disable broadcasting. Access Code to viewers.



7. SnapBoard Client Mockup

7.1 Login Page

Description: Login page for accessing the real time presentation.



The image shows a mobile application mockup for the SnapBoard Client. The screen is divided into two main sections. The top section has a white background and features the KAUST logo, which consists of four overlapping circles in green, yellow, orange, and blue, each with horizontal lines. Below the logo, the text "KAUST" is displayed in a large, bold, black font, followed by "King Abdullah University of Science and Technology" in a smaller, black font. The bottom section has an orange background and contains three input fields: a white rounded rectangle labeled "Name", another white rounded rectangle labeled "Access Code", and a green rounded rectangle labeled "OK". The status bar at the top of the screen shows signal strength, battery level, and the time 10:39.

7.2 Main Page

Description: Real time presentation. The user can do the following:

1. Enable /Disable the presentation tracking
2. Like a page
3. Comment a page
4. Take a photo from a page
5. Exit presentation

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Overview

The GRE® General Test measures verbal reasoning, quantitative reasoning, critical thinking and analytical writing skills—skills that have been developed over a long period of time and are not related to a specific field of study, but are important for all. The test features question types that address the level of thinking you will do and the skills you need to succeed in graduate and business school.

This publication provides an overview of each of the three sections of the test to help you get ready for test day. It is designed to help you:

- Understand what is being tested
- Gain familiarity with the question types
- Review test-taking strategies
- Become familiar with the calculator that will be distributed on test day
- Review several Analytical Writing essay responses and reader comments
- Understand scoring
- Practice taking the test

If you are planning to take the computer-delivered GRE General Test, visit www.ets.org/grepage for test preparation materials for the computer-delivered test.

Test Structure

The paper-delivered GRE General Test consists of Analytical Writing sections, two Verbal Reasoning sections and two Quantitative Reasoning sections. Total testing time is approximately 165 minutes and 10 minutes. The directions at the beginning of each section specify the total number of questions in the section and the time allowed for the section. The Analytical Writing sections are always presented first.

Typical Paper-delivered GRE General Test

Section	Number of Questions	Time
Analytical Writing (1 section)	Section 1: Analyze an Issue Section 2: Analyze an Argument	45 minutes 45 minutes
Verbal Reasoning (2 sections)	25 questions per section	30 minutes 30 minutes
Quantitative Reasoning (2 sections)	25 questions per section	45 minutes 45 minutes

You will receive all questions for the Analytical Writing section and the Verbal Reasoning and Quantitative Reasoning questions on the test book itself. Also, you are allowed to use a basic hand-held calculator on the Quantitative Reasoning sections. The calculator will be provided to you on the test day; you may not use your own calculator. Information about using the calculator to help you answer questions appears on page 10.

Preparing for the GRE General Test

Before taking the practice General Test, it is important to become familiar with the content of each of the sections. In this publication, you will find substantive guides to each section of the test. You can use the information to understand the type of material on which you will be tested and the question types within each section. Discover which strategies work best for you. Remember— you can do very well on the test without answering every question in each section correctly.

Test-taking Strategies

Analytical Writing Sections

Remember— even the most practical and confident of writers— should spend some time preparing for the Analytical Writing sections before arriving at the test center. It is important to understand the skills measured and how the tasks are scored. It is also useful to review the scoring guides, sample responses, and sample essay responses and reader comments for each task.

The tasks in the Analytical Writing sections relate to a broad range of subjects— from the fine arts and humanities to the social and physical sciences— but no task requires specific content knowledge. In fact, each task has been tested by several GRE test

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7.3 Other Components

Description: Comment area / Loading screen





Loading...