

# Lecture Comprehension Indication System 3

David Kenyon

# Aim:

- Problem:
  - Lack of student engagement
  - Feedback questionnaires at the end
- Solution:
  - Lecture comprehension system
  - Live
  - Lecture specific
  - Mobile phone based

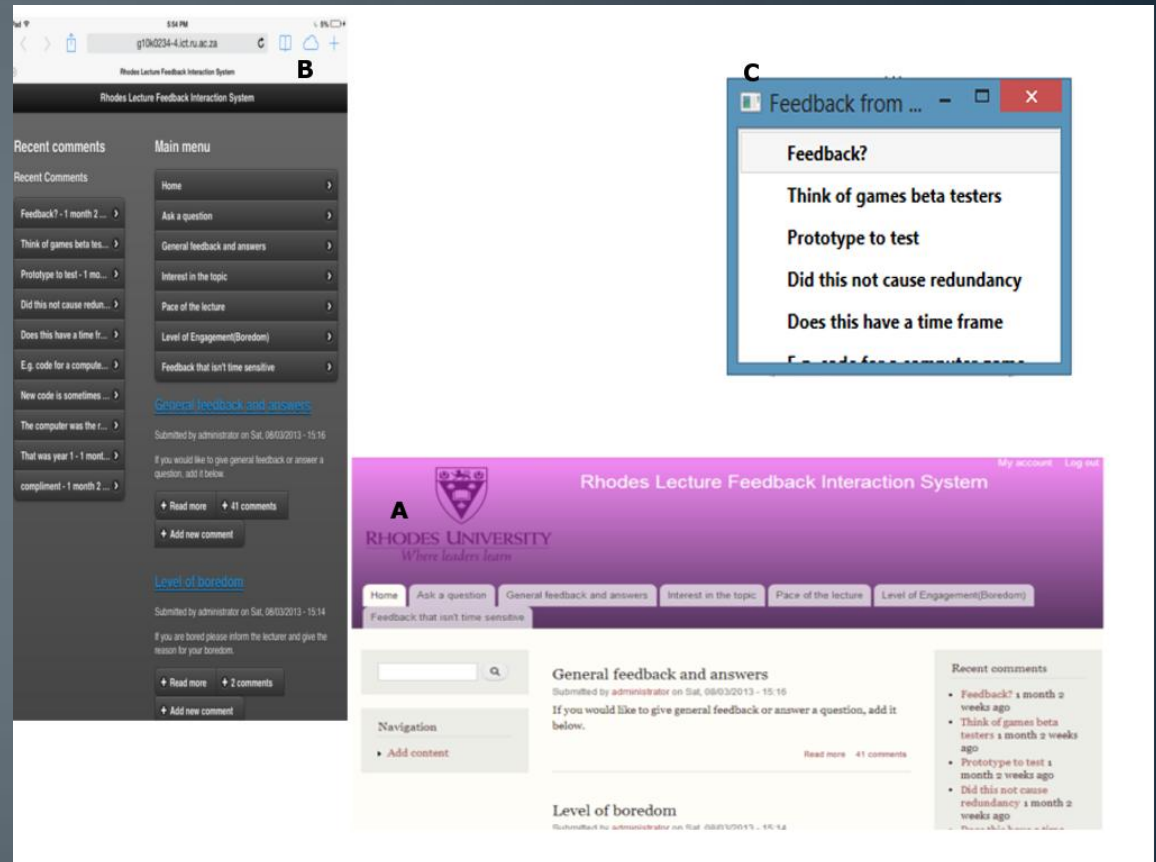


# Design:

a) Lecture  
Interaction  
System  
Website

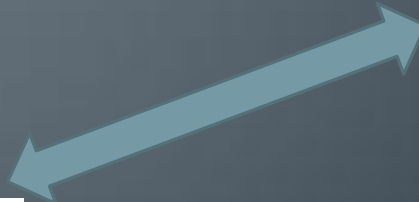
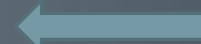
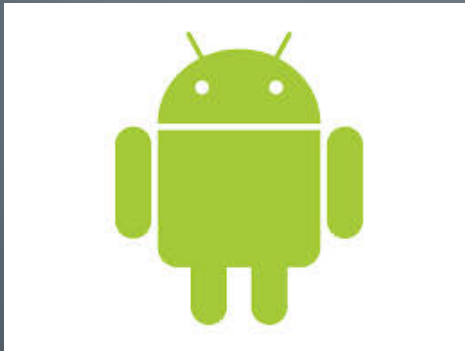
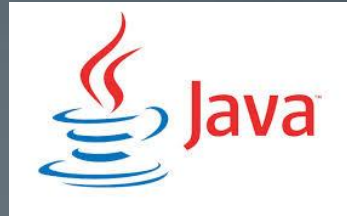
b) Mobile  
Website and  
Android App

c) Windows  
Palette  
Application

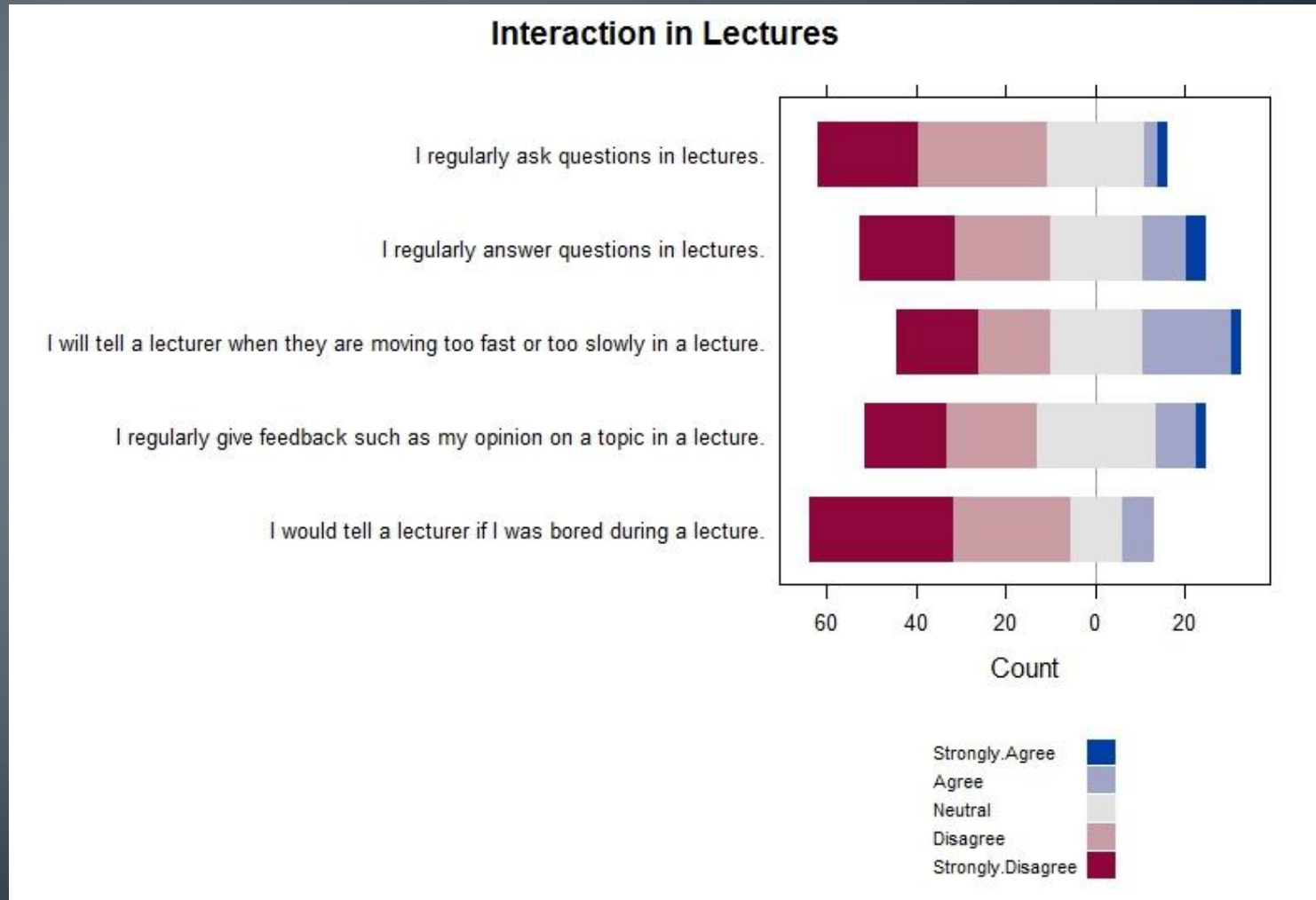


# Implementation

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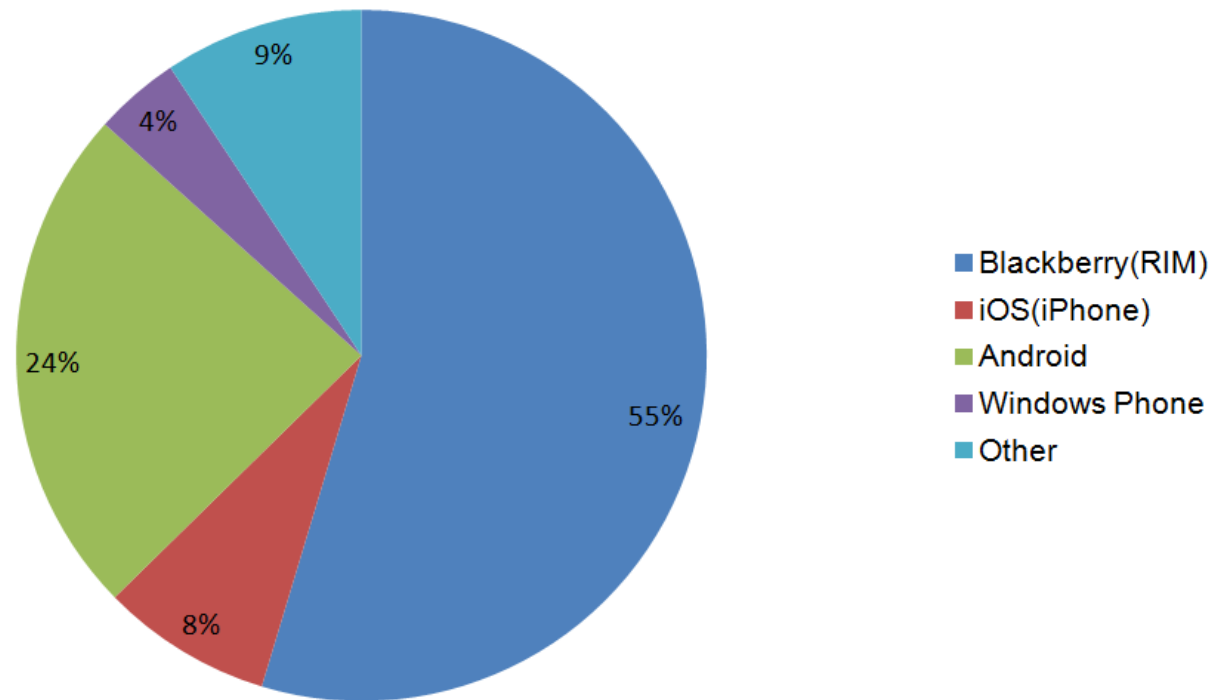


# Results: Interaction in Lectures



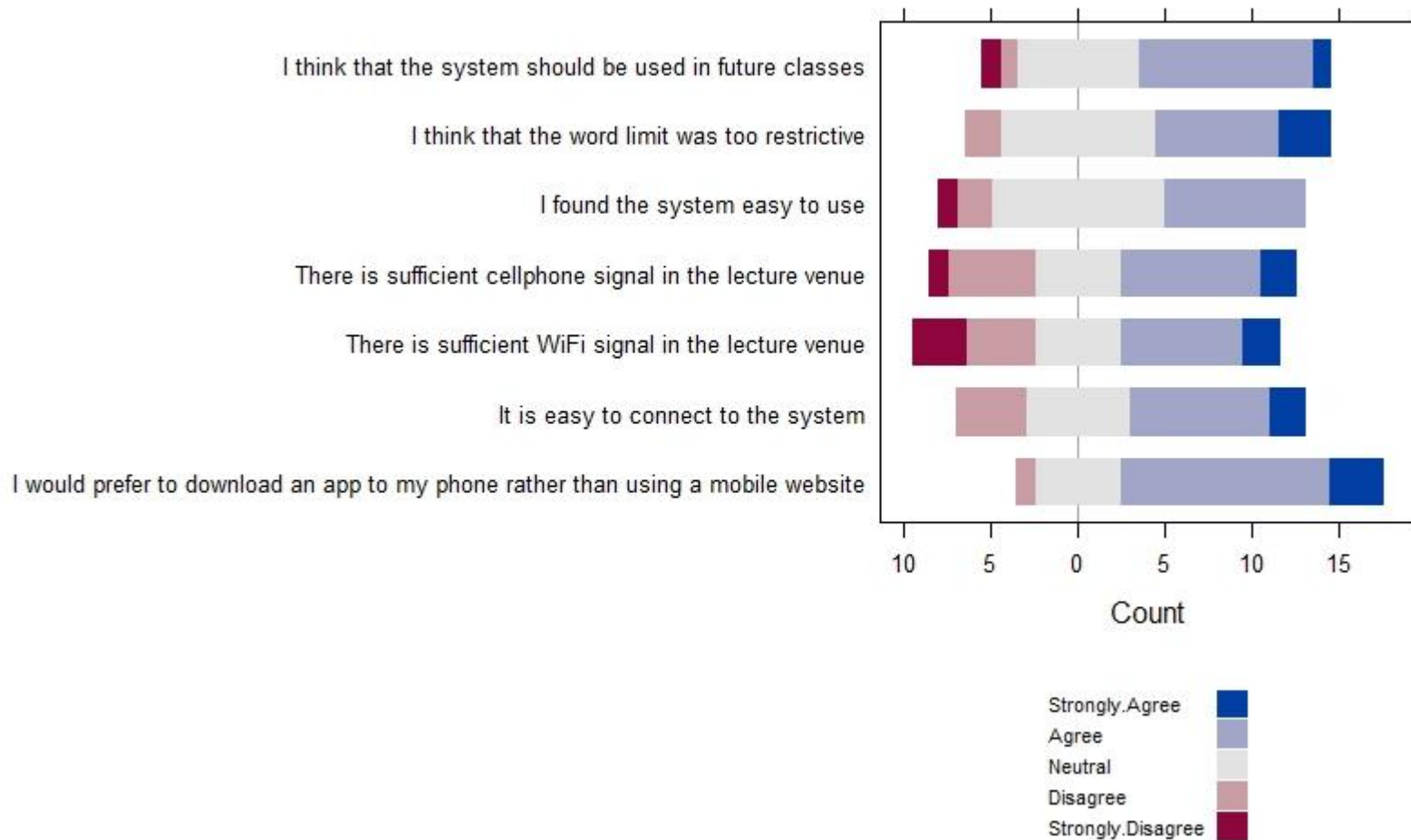
# Results: Cell phone usage share

**Pie chart showing the class sample usage share of mobile operating systems**



# Results: Lecture Interaction System

## Lecture Interaction System



# Results: Advantages

- “The system gives easier interaction between the lecturer and the students.”
- “It is very helpful in the way that we can communicate with the lecturer and provide helpful hints to improve the lecture.”
- “It makes student- lecturer interaction easier as students remain anonymous.”
- “it was easy to communicate a question without your identity being known as some people may be too shy or think their question is silly, therefore made it easier to ask questions.”



# Results: Disadvantages

- “Questions are not filtered for relevance to the lecture material. It distracts the lecturers.”
- “Typing out a message is distracting, ie I miss what the lecturer is saying while my head is down and I'm texting.”
- “The anonymity of the messages allows people to post unproductive things on the message board which is really irritating.”
- “It was easy to communicate a question without your identity being known as some people may be too shy or think their question is silly, therefore made it easier to ask questions.”
- “It works using the internet and reception isn't always good in certain venues.”

# Implementation improvements and future work

- Introduce a moderator
- Only allow the lecturer to view posts
- Add Visual Indicators To The System

# Questions

