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1. Motivation

Why did we do this?
- Mobile programming is rapidly emerging as the major programming standard in the industry.

2. Approach

- Identify and analyze a set of key functionalities and interactions through class diagrams, use-case diagrams, and sequential diagrams.
- Programmed with the Java-based Google SDK for Android operating systems and embedded the source code into a smart phone for testing.

2.1 The Class Diagram

2.2 Use-Cases

Update Opinion Use case:
- How a user interacts with different methods to add or remove opinions.

Distribution Use case:
- How an instructor interacts with different methods to produce a distribution Table.

2.3 Sequence Diagrams

Update Opinion sequential diagram:
- A user’s interaction with instances of classes in a sequence for updating opinions.

Distribution sequential diagram:
- An instructor’s interaction with instances of classes in a sequence for the production of the distribution table.

3. Development

4. Functionality

- The VoiceBB aims to provide students with more opportunities to interact with others anytime and anywhere.
- Students can participate in a discussion by either typing text message or recording the voice.

5. Conclusion

We envision that the flexible communication and collaboration provided by VoiceBB will play an important role in mobile learning.

- The Log-in Page
- Add User Page
- Topics Page
- Course Page
- Add Opinion