

# Project Charter

*Team Number: 11*

*Team Leader: Zhuo Chen*

*Team members: Peng Liang, Wenting Shi, Yik Fei Wong, Hon Kwan Wu, Tianyi Zhang*

*Project Name: What Does the Board Say?*

## 1. Problem statement:

When people are doing remote meetings, they usually need to use several tools in order to achieve a simple goal, like teaching. For example, we may need to use Skype to have video chat and at the same time type in the Google Docs. Also, People who can't reach PCs and laptops are unable to join the meeting. Our application aims to provide a one-stop solution for image, text and voice transfer on mobile platform for users.

## 2. Objectives:

This application combines the functionalities of whiteboard and voice chat together. All participants can discuss freely and update the whiteboard simultaneously.

More specifically:

- Users can write on the mobile device and the content will be synchronized and displayed on other users' whiteboard
- Users can also speak to other users while they are writing
- It enables more interaction between each user.

For example, a teacher can "write" on the mobile device and at the same time speak to their students through voice chatting. What the teacher wrote will be synchronized and displayed on the students' mobile device in real-time. Students can also ask questions at anytime they want.

## 3. Stakeholders:

Education institutions - Remote Education

Business companies - Business conferences/meetings, Brainstorming

Friends - Vacation planning

Artists - Cooperating creation

## 4. Deliverables:

Front end - It will provide GUI which displays a white board with a collapsible toolbar and allows the users to draw and add text/image on it. Any changes made on the whiteboard will be simultaneously updated to other users' whiteboard. Also, a chatting room will be created for group members and they can discuss freely by pressing buttons in the toolbar.

Back end - All participants will use p2p to communicate with each other. All

the communication processes will be synchronized.

Platform - The primary platform will be Android tablet, the iOS platform will be also considered if time available.