



User manual eVoterMobile 1.0

Bui Thi Diem

Nguyen Van Luong

Nguyen Thi Mai

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1.0 General information

eVoterMobile is an Android application which support for teacher and student in classroom.

Student can user eVoterMobile to join a session, vote for session and answer the question which teacher has asked them during the session running time.

Teacher can user eVoterMobile to create new session, edit a his session, create question and send question to student during the session running time.

2.0 System summary

2.1 System configuration

Devices support: Android 2.3 to Android 4.4

The application requires connection to internet in order to connect to server, and get and save data to database.

2.2 User access level

The functionality of eVoterMobile depend on type of user. A teacher user has more functionality than a student user.

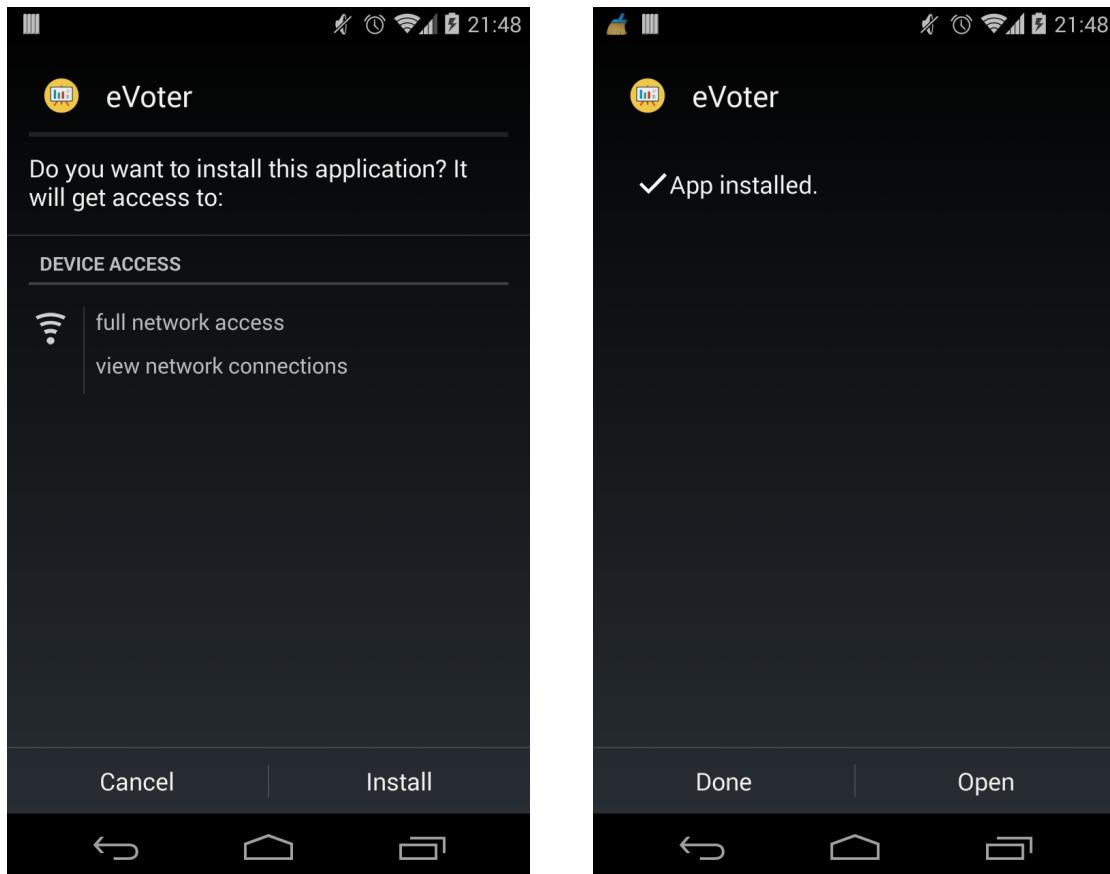
2.3 Contingencies

In case there is Internet connection, user cannot login and use system.

3.0 Getting started

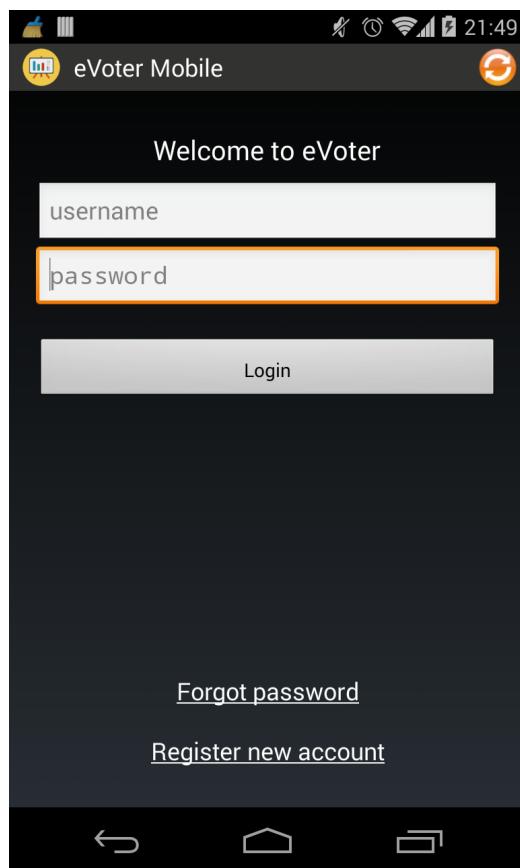
3.0 Install

Download link: <https://www.dropbox.com/s/s6z0s55t6h5oz6n/eVoterMobile.apk>



Download and install eVoterMobile

3.1 Login



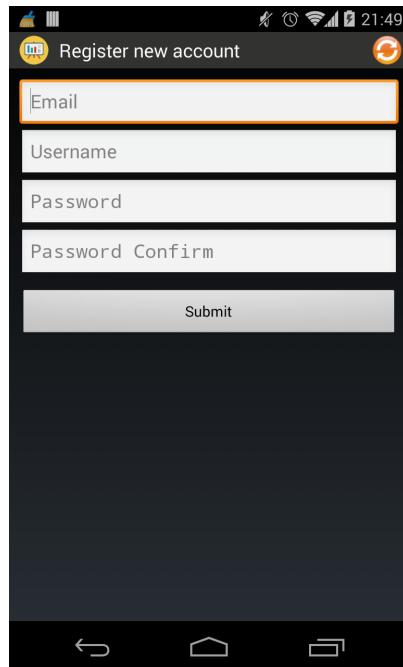
Login eVoterMobile

To Login eVoterMobile, user have to have an account in eVoter System.

If user already login in eVoterMobile before, eVoterMobile will skip this screen and move on to list subject screen

3.2 Register

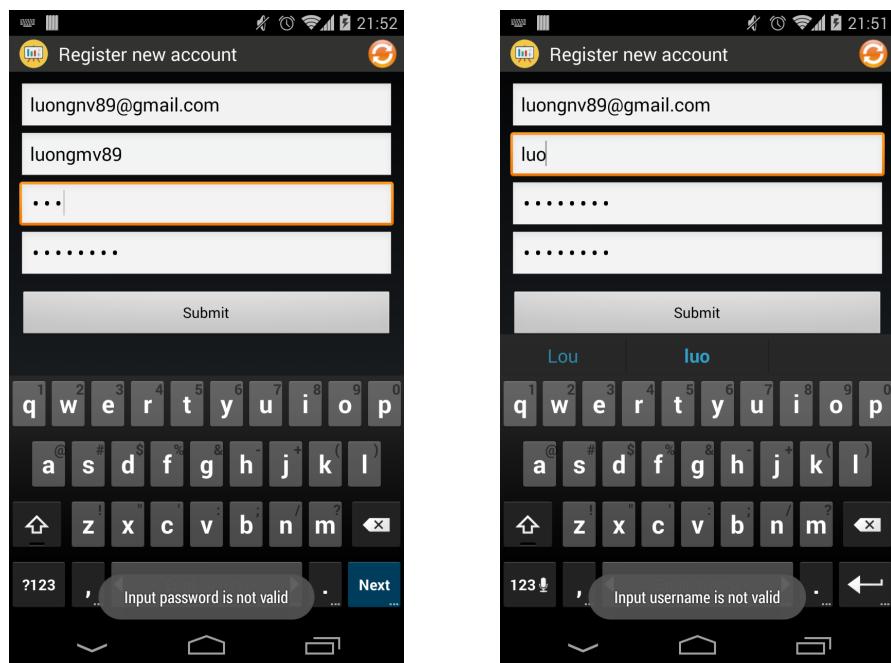
User only can register a student account from eVoterMobile.

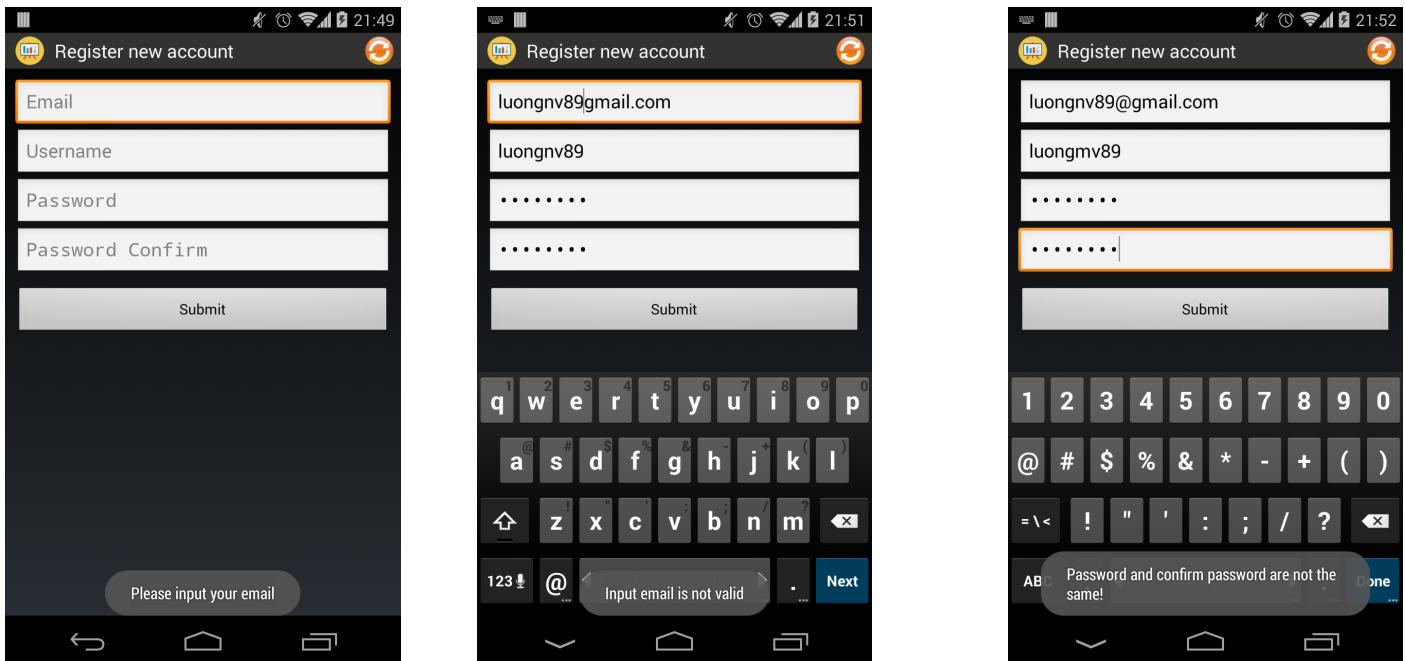


Register new account

3.2.1 Valid input data

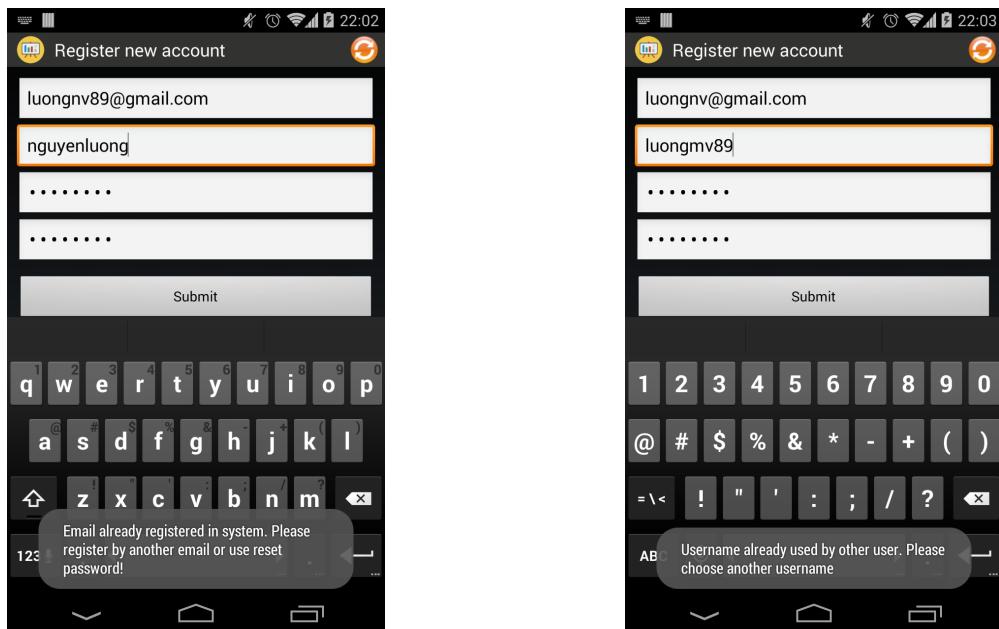
Before send request to server, eVoter will check validation of input data.



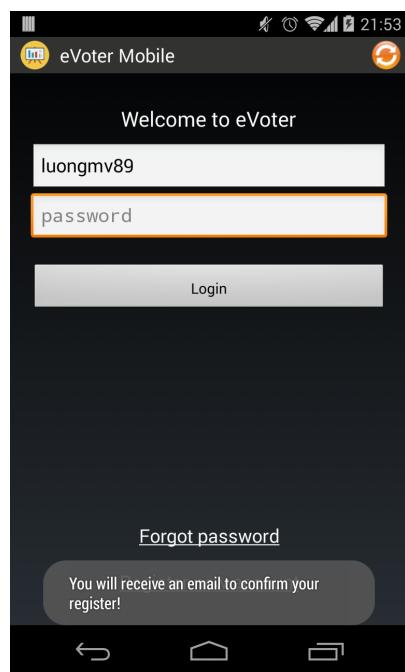


3.2.2 User exists

Each user has email and username is specify. User cannot use an email or an username to register two different account.



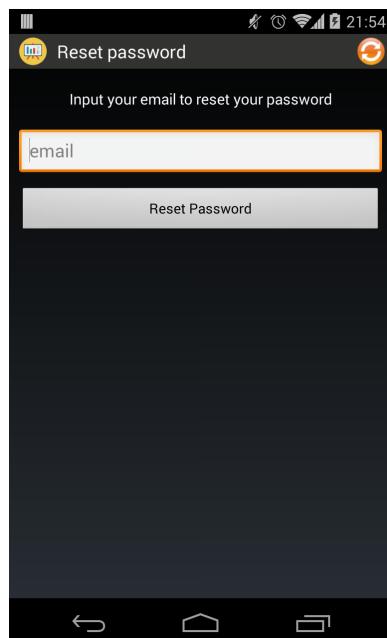
3.2.3 Register successfully



After register successfully, the username of user will be filled in username of login screen.

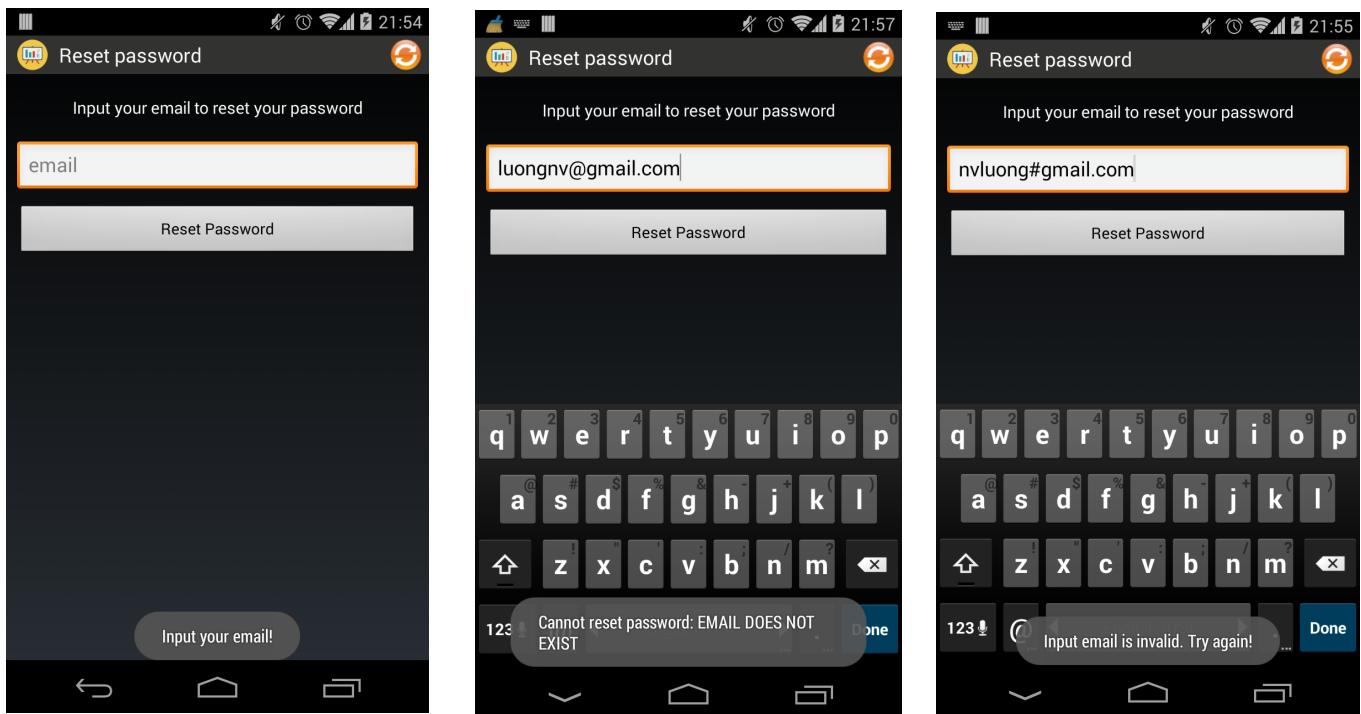
3.3. Reset password

If user forgot password, user can reset their password from eVoterMobile.



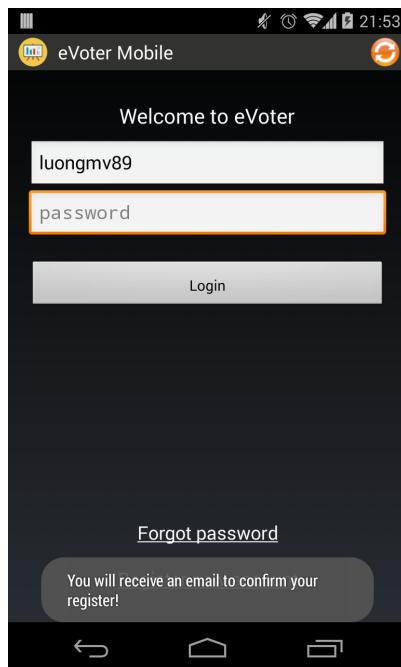
3.3.1 Request reset password

User has to give correct format of email and the email has to exists in eVoterSystem



3.3.2 Reset password successful

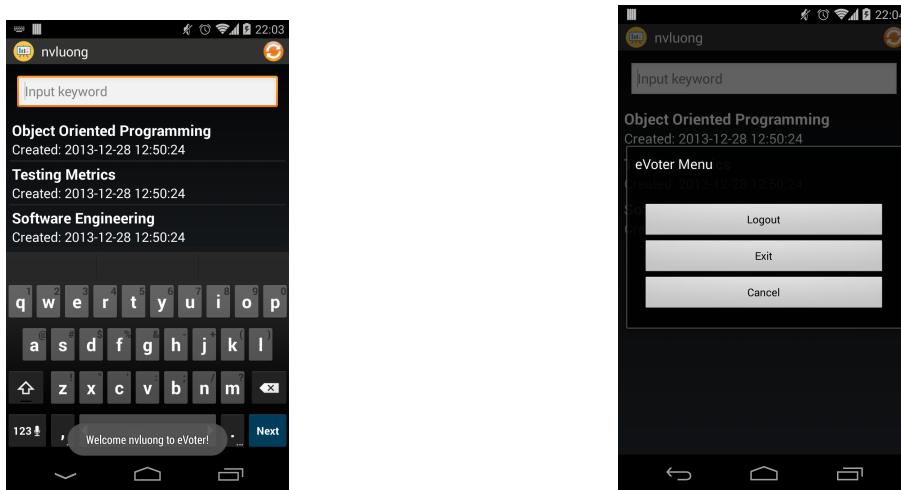
If user reset password successfully, eVoterMobile will redirect to Login screen.



4.0 Using the eVoterMobile

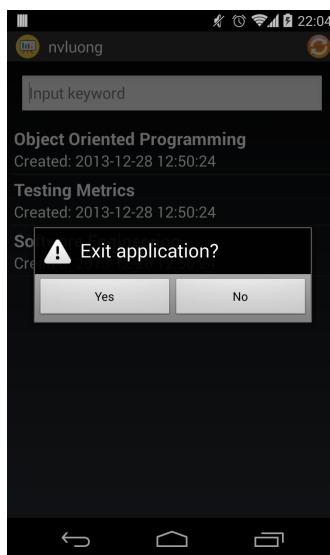
4.1 List subject

After login successfully, eVoterMobile will show all subjects of user. The tile bar of application is the username of user.



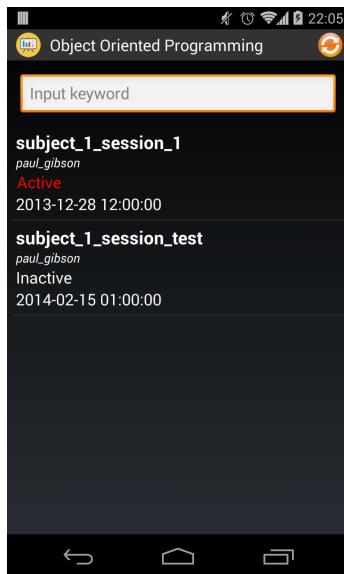
In this screen, user can:

- Find subject by put some keyword in search box
- Refresh list subject by click on icon which is in top-left of application.
- Show main menu by click on icon which is in top-right of application.
- Logout from main menu
- Go inside a subject by click on a subject item.
- Exit from main menu



4.2 List session

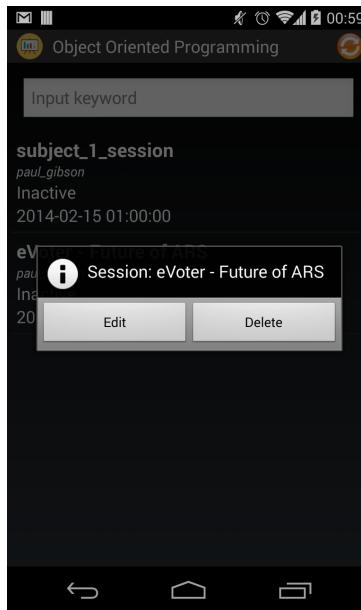
When user click on a subject item in List Subject screen, eVoterMobile will show all session of subject.



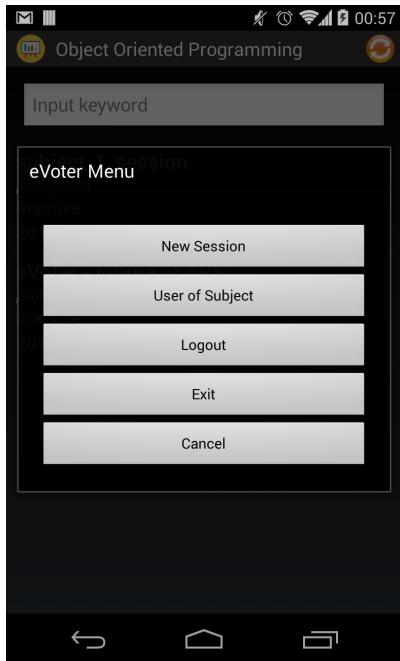
There are two kinds of status of session:

- active: with the status text is red. An active session is a session which is running.
- inactive: with the status text is white. An inactive session is a session which is finished or not started yet.

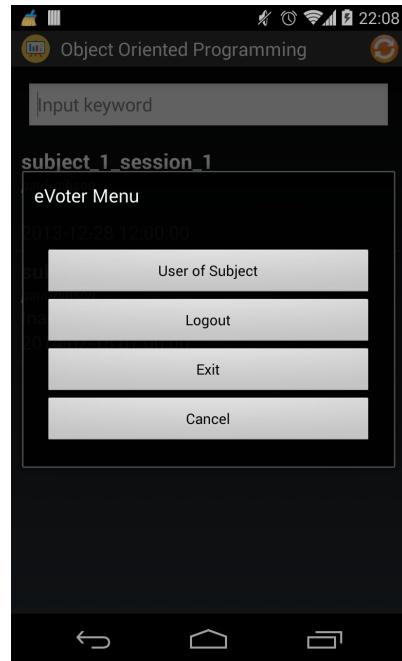
User can delete or edit (only teacher can edit session) a session by long click on a session item:



In this screen, there are some different functionality between teacher user and student user:



Teacher main menu



Student main menu

Teacher user has one more option “New Session” from main menu for creating new session.

Both teacher and student can see who in current subject.

4.2 List User of Subject

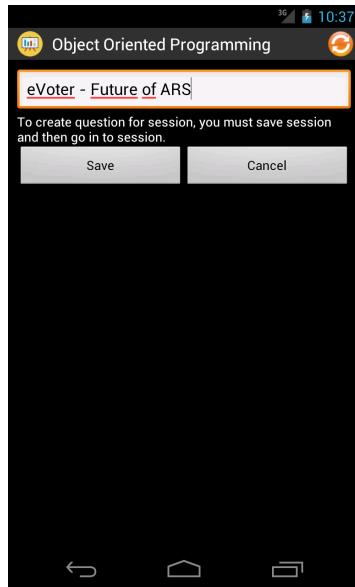
User click on “User of Subject” option from main menu

Show all teacher and student who is in current subject:



4.3. New Session/ Edit Session

- Only teacher can create new session or edit a session
- When teacher click on “New Session” from main menu or “Edit” from long click session item menu

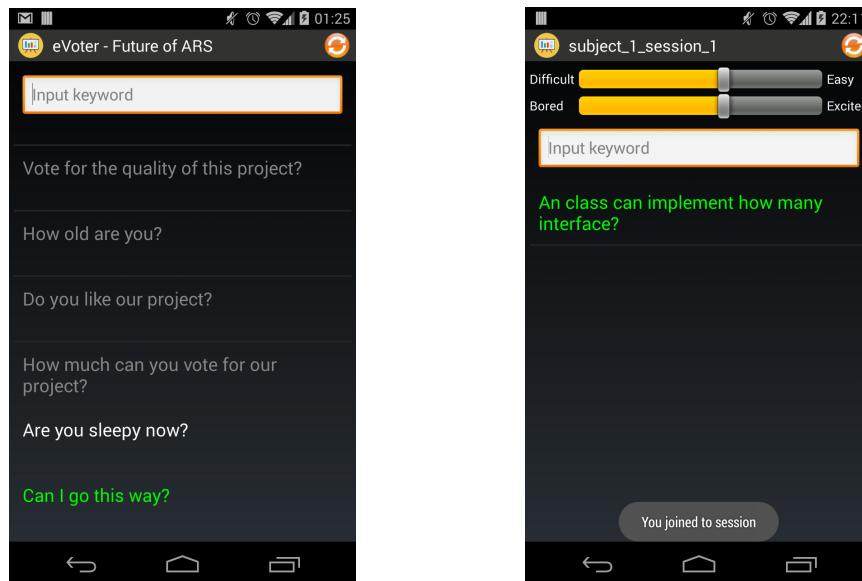


Only title of session is created/edited. To create question of session, teacher has to go into session.

After new session is created, all user of current subject can join to session.

4.4 List question

When user click on a session item, eVoterMobile will show list all question of session:



- Active session
- Teacher
- Active session
- Student

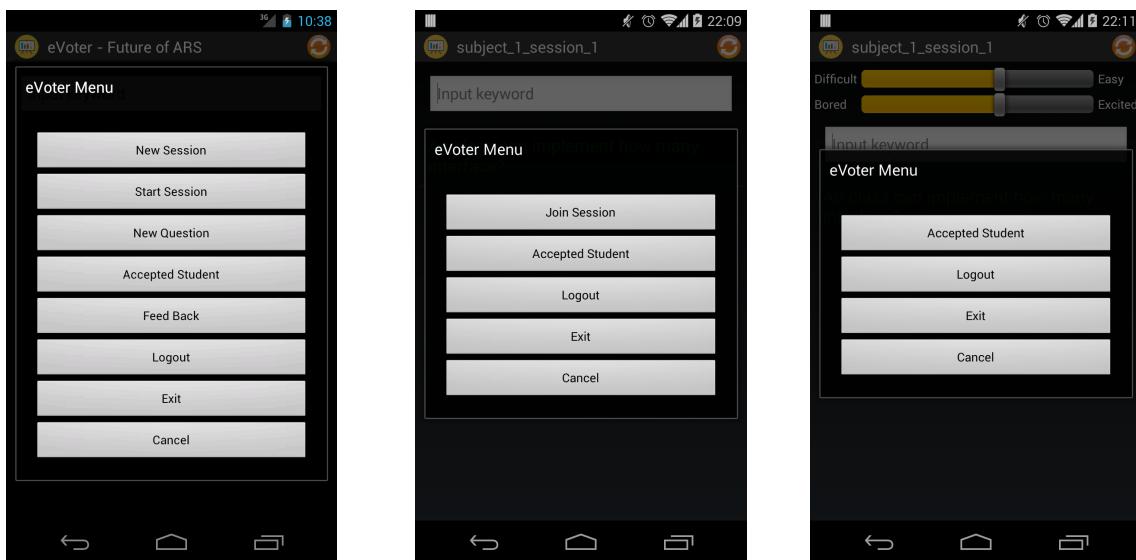
There are three kinds of status of a question in an active session:

- Question not sent yet: white colour, only show on teacher list.
- Question waiting for answer: green colour: student can answer this question
- Question has finished: gray colour. The question has finished.

When session is active, on student screen will show two seek bar which are used for student vote for current session. Maximum value is 5 and minimum value is 0. Student can vote for session many times while the session is still running.

- Exciting bar: vote for exciting level of session.
- Difficult bar: vote for difficult level of session.

Teacher can see feedback of student about exciting level and difficult level of session by show “FeedBack screen”.



- In-active session
- Teacher
- Not joined yet
- Student
- Active session
- Joined
- Student

In the main menu from this screen, both student and teacher has one more option is “Accepted Student”, which will show list student who has accepted to join session.

If student has not joined session yet, the main menu will show one more option: “Join session”

Student has to join session to see more detail of question or vote for session.

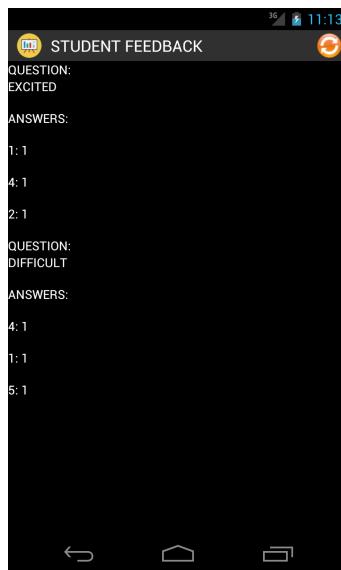
Teacher has many options from main menu to manage the session:

- New Session: create new session
- Start/Stop session: Change the status of session. It is impossible to has two different session running at the same time.
- New Question: Create new question.
- Feed Back: see student feedback about current session.

4.5 Feed Back

Only teacher can see feed back of student about session.

Choose “Feed Back” from main menu:



4.6 New Question/ Edit Question

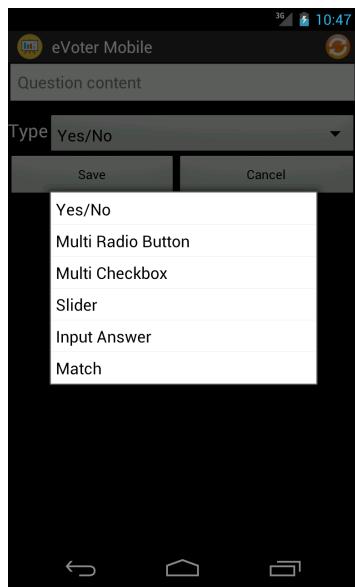
Only teacher can create new question by click “New Question” from main menu or “Edit Question” from long click question item.

There are six types of question:

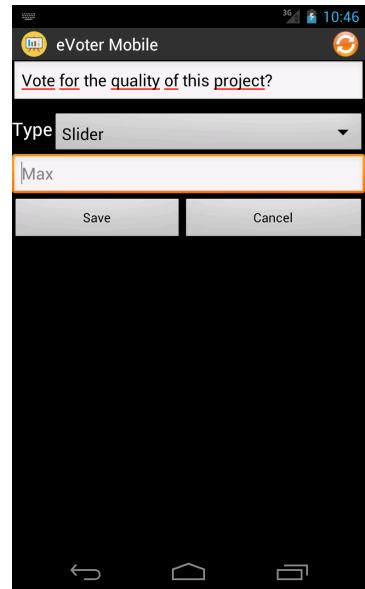
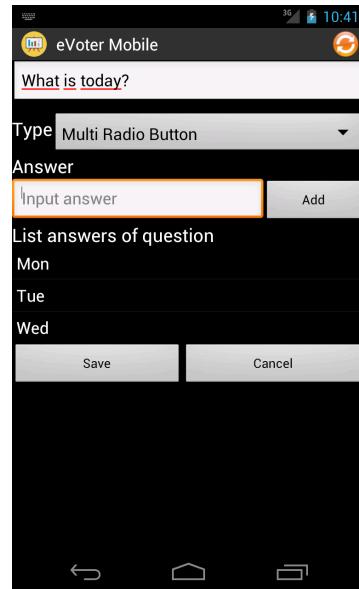
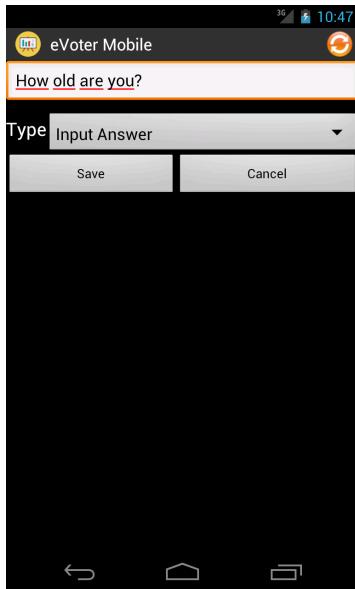
- Yes/No question
- Multi Choice (Radio) : can choose only one answer
- Multi Choice (CheckBox): can choose many answer
- Slider: Vote from minimum value to maximum value
- Input answer: User send answer by text (number, name,)
- Match : not implemented yes.

The type of question cannot be edited.

Teacher can choose type of question by click on dropdown list:



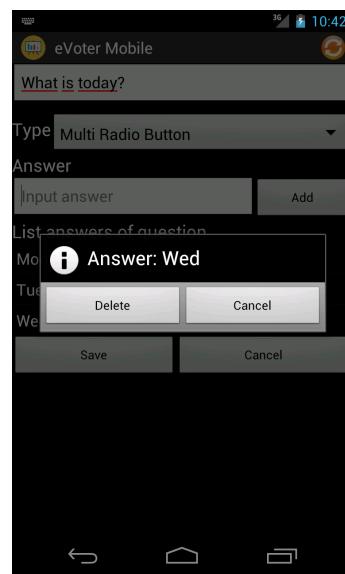
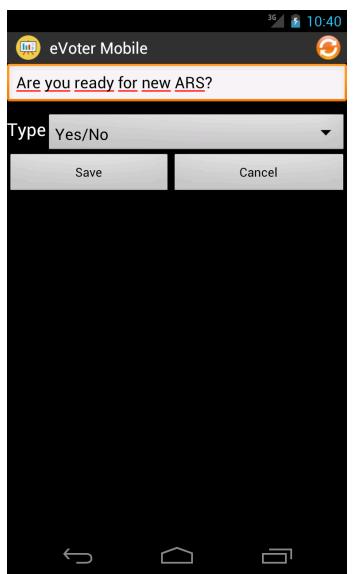
The answer area of question will depend on type of question.



- Input answer

- Multi choice

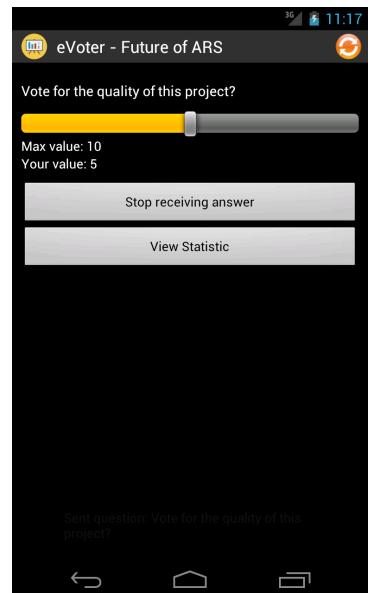
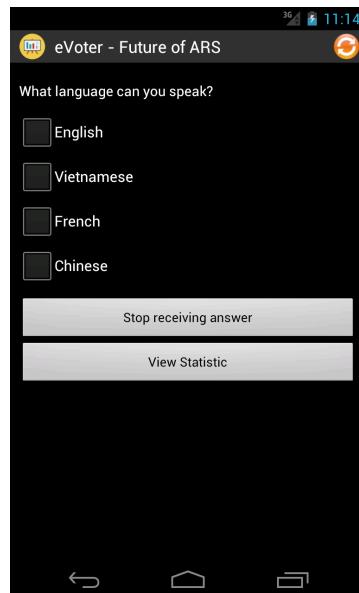
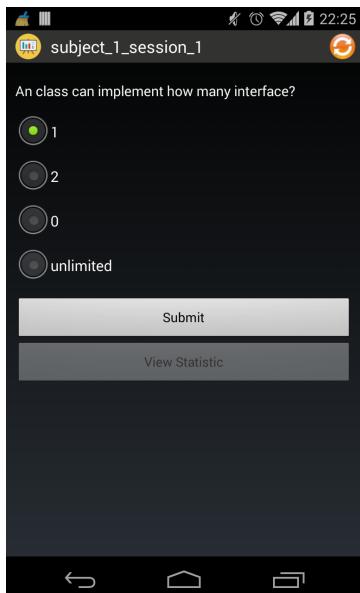
- Slider



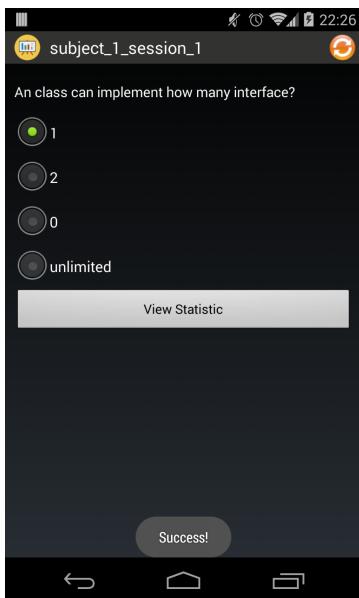
- Yes/No
- Delete an answer of multi choice question

4.7 Question detail

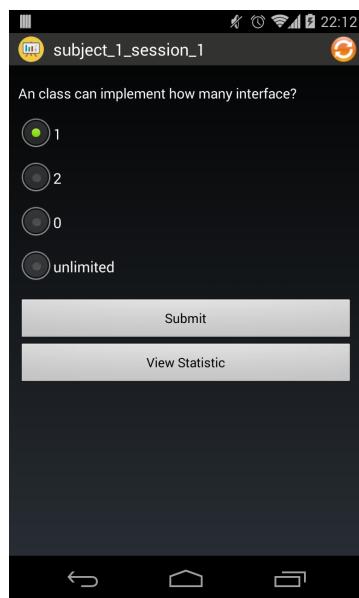
Show detail question and allow user send question to student, allow student can submit answer and both student and teacher can view statistic of question. Teacher can view statistic of a question anytime, but student has to submit their answer to see the statistic of question (avoid student vote by population of answer).



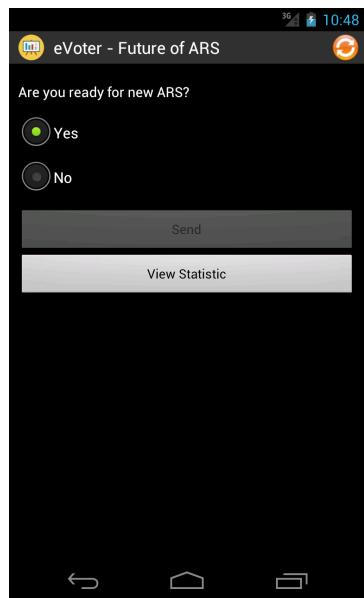
- Student cannot view statistic
- Multi-checkbox
- Slider



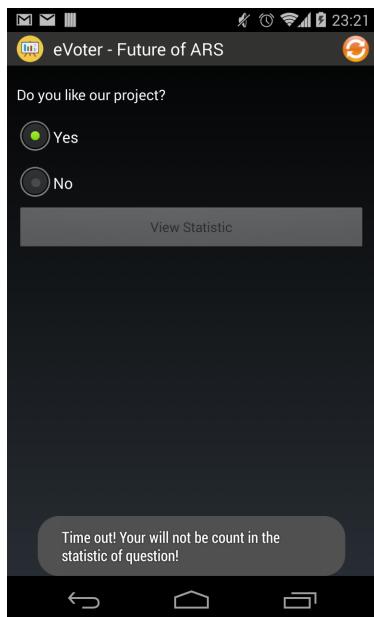
- Student submitted answer



- Student not submit answer



- Teacher cannot send question because the current session is inactive



- Student cannot submit answer because teacher has “Stop received answer” of this question or current session has stopped.

4.8 View Statistic

Show statistic of question.

Student only can view statistic of question after submit answer.

Teacher can view statistic of question any time

