# Team 18

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# Scenario 1

Translate standard Chinese to dialect.

**Before:**

I am an exchange student from America to Shanghai. I will live in the host family in Shanghai. I want to say hello to the family members in Shanghainese. So I use my smartphone to learn Shanghainese.

**During:**

I open the app (we developed) and put my question on the app.

**After:**

After 2 hours, my smartphone get notification from the app that someone has answered the question. I can click the audio button and hear the “hello” in Shanghainese.

## Use case 1 - Release the question to the server

**Precondition:**

The user has logged in.

**Description:**

The user chooses his location and types in his question he want to ask, such as “I love you”. Then press the button “publish” to release the question to the server.

**Post condition:**

The question is submitted and stored in the server, waiting to be answered.

**Exception**:

The user fails to enter an answer, a dialog box prompts the user to enter.

## Use case 2 - Answer the questions

**Precondition**:

The user has logged in and there are answers on the server waiting to be solved;

The region selection function can be used.

**Description**:

The user screens questions according to the regional. He can choose one question and click the audio button, then he will hear the utterance. If he knows the meaning, he can answer the question.

**Post condition**:

The answer is submitted to server and stored in the server, which can be seen by the other caring about this problem.

**Exception**:

The same to use case 1.

## Use case 3 - Evaluate the answer

**Precondition**:

The user has logged in and the answer has already been adopted by the questioner

**Description**:

The questioner have met a satisfactory answer and make sure it is useful for the user, he can rang the answer by selecting the number of star using the rang bar beside the answer.

**Post condition**:

The rang is submitted to web and stored in the web server, which can be seen by the other caring about this problem.

**Exception**:

The same to use case 1.

# Scenario 2:

Finding a song which you like but forget its name

**Before:**

I’m walking in the campus with my roommate. The campus radio is playing a nice song I have heard, but I forget its name. I ask to my roommate,” Have you ever heard this song? What’s its name?”

**During:**

My roommate shakes his head, turn on the phone and open an app. Then he clicks some buttons and asks me to hum the song as much as possible. I only remember the melody and very few lyrics of the song, so I hum the song with memory.

**After:**

some hours later, my roommate tell me the song’s name is Call Me Maybe.

## Use Case 1 – View the questions

**Precondition**

Questions have been stored on the server.

**Description**

When the app layout is refreshed, some questions appear in the question view.

**Post condition**

Question queries show in time order in the question area.

## Use Case 2 – Release the question to server

**Precondition**

The user has logged in.

**Description**

The user press the “record” button and record some melody or lyrics of a song, presses the “submit” button.

**Post condition**

the question is stored on the server and will be displayed on the app’s home page.

**Exception**

The user fails to record some voice for a question. A dialog box prompts the user to record again.

## Use Case 3 - Answer the questions

**Precondition:**

Stored questions exist. The user has logged in.

**Description:**

The user enters the answer of the question, presses the “submit” button.

**Post condition:**

The answer is stored on the server and will be displayed below the question.

**Exception:**

The user fails to enter an answer. A dialog box prompts the user to enter again.

## Use Case 4 - Evaluate the answer

**Precondition:**

More than one answer of the question exists.

**Description:**

The user selects an answer, presses “accept” button.

**Post condition:**

The selected answer will be signed as accepted answer.

**Exception:**

The user fails to select an answer and presses “accept” button. A dialog box prompts the user to select.

# Scenario 3

Translate dialect in to standard Chinese

**Before**：

In the summer travel, I heard a word of dialect accidentally and felt very interesting, but I don't know what it means, so I intend to use the software to ask for help from web friend to solve my confusion. I grab my phone and turned on the software.

**During**:

I turned on the software, select the function “ask for help”, touch the button “dialect to Chinese”, press the button “speak” until I speak over the dialect I want to submit to web for help and waiting for the answer. While the notification remind me that there is an answer about my submission, I turn on the software and get the answer.

**After**:

I turn off the software and learn a new dialect, finding of it.

## Use case 1 - Release the question to server

**Precondition:**

The user has logged in.

**Description:**

The user pressed the button ”speak” and speak out loudly the question the user have met. Release the button while the user speak it over. Then press the button “publish”.

**Post condition:**

The question is submitted to server and stored in the server, waiting to be answered.

**Exception**

The user fails to enter an answer, a dialog box prompts the user to enter.

## Use case 2 - Answer the questions

**Precondition**:

The user has logged in and there are answers on the web waiting to be solved;

The region selection function can be used.

**Description**:

The user screens questions according to the regional, if there is a problem he can solve the button “answer” will be used to submit the replier‘s utterance.

**Post condition**:

The answer is submitted to server and stored in the server, which can be seen by the other caring about this problem.

**Exception**:

The same to use case 1.

## Use case 3 - Evaluate the answer

**Precondition**:

The user has logged in and the answer has already been adopted by the questioner

**Description**:

The questioner have met a satisfactory answer and make sure it is useful for the user, he can rang the answer by selecting the number of star using the rang bar beside the answer.

**Post condition**:

The rang is submitted to server and stored in the server, which can be seen by the other caring about this problem.

**Exception**:

The same to use case 1.