We are doing the work about natural language understanding (in Hausa language) in AI domain. Well plenty of sentence data should be used to train our model so as to realize the function of identifying the intents of user ordered to mobile phone under different sentence expressions. Therefore, we need to do sentence data collection through linguistic generalizations for the sentence on the basis of basic annotation. So we need linguist’s help.

So firstly, we would like to have a test about the linguistic generalizations. The requirements are as follows:

1. Please use English and Hausa language to make 20 sentences according to the intent and slot we provided. 10 sentences for English and 10 sentences for Hausa.
2. Please difference the sentence structure among the 10 sentences
3. Rich each sentence’s content as much as ppssible and make it conform with daily oral expression habits.

The intent is “Greeting-asking about the weather”.

The slots are “Weather.Location” and “Weather.Date”.

“Weather.Location” such as Beijing, Shanghai, etc.

“Weather.Date” such as today，tomorrow，The day after tomorrow, etc.

Here we will give you an example, “What’s the weather like in Beijing today?”

1. Please make sentences according to the intent and slots.
2. Please review the 10 sentences you have done, are there any common patterns among these sentences in the view of linguistics? Please tell us one or two common patterns.
3. After doing this test, what do you think the difference between English and Hausa language on oral expressions?

Weather.Location

槽位描述：省，城市等

槽值示例：Beijing，California，New York，London等

Weather.Date

槽位描述：今天，明天，后天等

槽值示例：today，tomorrow，The day after tomorrow等