**DOCUMENT NAME**

The bug document name format: BugFix-*Name of Application*-*Date-BugNum*.doc

* BugFix - the prefix to the bug document name.
* *Name of Application* – acronym for the application (e.g., “GALE”).
* *Date* – The date of the bug fix.
* *BugNum* – The number of the fix for that date (numeric, e.g., 013117-1)

**Application / Version / Build Number**

Gale

**Submitter**

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**Date Seen**

2/12/2017

**Date Fixed**

2/12/2017

**Versions**

Operating system version: Win 10

**Bug Description**

In the interviewing procession, any Yes/No question, if you want to reply as Yes, you must input as “YES”, or the program will recognize it as “NO”

**Severity**

Major

**Steps to Reproduce**

1. Start the program, click “Gale” and “Start Gale”
2. Input “Family Interview” to start the interview, then input “Yes” or “yes”, check it in the database, you will see that the data will be stored as “NO”

**Actual Behavior**

The program can only recognize the “YES” type, so it will see “yes” or “Yes” as “NO”

**Expected Behavior**

This time, as long as you input the “Yes” in any format, the program will run successfully and store the information correctly.

**Workaround**

Not yet.

**CODE FIX**

1. Go to GaleAII -> Reactive-> FamilyInterview, change the original code to the following code in “convertNodeAnswer” function:

private Byte convertNodeAnswer() {

byte liveWith;

switch (nodeAnswer.toUpperCase()) {

case "YES":

liveWith = 1;

break;

default:

liveWith = 0;

break;

}

return liveWith;

}

1. Go to GaleAII-> Reactive -> Reactive, Add a “toUpperCase()” to ignore all the spelling mistakes about upper and lower character in runCurrentNode() function, the codes are showed as following:

public void runCurrentNode() {

String listeningType = currentNode.getListeningFor();

Sentence userResponse = gale.getListen().convertStringToSentence(

(gale.askQuestion(currentNode.getQuestion())));

switch (listeningType) {

case "BINARY":

if (userResponse.getFullSentence().toUpperCase().equals("YES")) {

nodeAnswer = "YES";

decesionAnswer = "YES";

} else {

nodeAnswer = "NO";

decesionAnswer = "NO";

}

break;

case "BOOLEAN":

if (userResponse.getFullSentence().toUpperCase().equals("YES")) {

nodeAnswer = "YES";

decesionAnswer = "FOUND";

} else {

nodeAnswer = "NO";

decesionAnswer = "FOUND";

}

break;

case "ANSWER":

nodeAnswer="";

nodeAnswer = userResponse.getFullSentence();

decesionAnswer = userResponse.getFullSentence();

break;

default:

try {

nodeAnswer = userResponse.mentions(listeningType).get(0);

} catch (Exception e) {

}

found = (nodeAnswer != null);

if (found) {

decesionAnswer = "FOUND";

} else {

runCurrentNode();

}

break;

}

runEvent(currentNode.getEvent());

}