**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**

02/17/2017

**Date Fixed**

03/27/2017

**Versions**

Operating system version: Win 10

**Bug Description**

If we input the relationship without the first letter capitalize, the interview will stop without and suggestion, and the previous information will lost, too.

**Severity**

Major

**Steps to Reproduce**

1. Start the program, click “Gale” and “Start Gale”
2. Input wrong relationship (e.g. Dad) or without capitalize (e.g. mother), then the interview will stop.

**Actual Behavior**

The reason is when we input some words or sentences, the program will catch them and associate them with some tags. The family relationships are stored with capitalize, so if we do not do that, the program will not associate the word we input with “FAMILY” tag, which will result to interview stop.

**Expected Behavior**

Either the word is capitalized or not, the program should identify it correctly.

**Workaround**

No

**CODE FIX**

1. Go to GaleAII-> Reactive -> Reactive, add following code in the “runCurrentNode” function

String question=currentNode.getQuestion();

String answer=gale.askQuestion(question);

1. Still in “runCurrentNode” function, change

Sentence userResponse = gale.getListen().convertStringToSentence(

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

to

Sentence userResponse = gale.getListen().convertStringToSentence(

answer.substring(0,1).toUpperCase()+answer.substring(1));

**PS**

Actually, this is not the perfect solution, because the perfect one should identify the words in the database as long as they are spelled correctly. But the function that identify the words is kind of too complex to make changes. So changing the spell by ourselves is the most suitable solution temporary.