

Functional:

- The system/girlfriend must be able to respond to you the user.
- Must “understand” responses from user
 - take in a variety of possible answers and branch and respond based on users answers.
- A+: The system must display different moods: Happy, mildly mad, mad, accusing, unimpressed
 - System must analyze girlfriends responses to decide how happy you can keep your girlfriend
 - System must keep track of girlfriends responses, so when she becomes Angry, at the end of the conversation the system can give you an output of what you said vs. what you were supposed to say
 - The system must be able to detect when the girlfriend is getting more Angry so trust/cheating issues can be brought up in the conversation

Non-functional:

- The system/girlfriend should be able to respond in a manner that makes sense to the user
- The system should be able to understand typos/slang/ungrammatical English
- The system should have a flowing, consistent conversation that makes sense in the context of the conversation
- The system should respond in a believable amount of time (not too short, not too long)
- A+: have girlfriend change moods appropriately
 - Must be able to accuse boyfriend of cheating with reasoning
 - System must correctly reason why she became angry when the user said what he/she did

Environmental Constraints:

- Only coded in java, only edited in java
- Time constraints- due on Dec. 3
- The program must be run on a machine with java

