START OF QUIZ
Student ID:
95153730,Ihn,Jae

Question 1

Briefly describe why entity-linking is necessary in any Q/A system. (1)

Question 2

Topic: Lecture 5
Source: Lecture 5

Describe the two ways that we can construct Q/A databases, and how they differ. (2)

Question 3

Topic: Lecture 7
Source: Lecture 7

We discussed slot error rate in class, but it's fully-supervised. Can you think of a distantly-supervised way to calculate essentially the same thing? (1)

Question 4

Topic: Lecture 8
Source: Lecture 8

How are dialogue acts similar to function calls? (1)

Question 5

For the ELQ algorithm, we talked about how the entity encoder typically takes the title and first 128 tokens of an encyclopedia article. Imagine we were building a database from books. What might we use as the input to the entity encoder that would have a similar effect. Explain. (2)

Question 6

Topic: Lecture 7
Source: Lecture 7

Generate a frame for a "recommend a movie" dialogue action. It should have at least 5 slots to fill. (2)

Question 7

Topic: Lecture 5
Source: Lecture 5

Jeopardy divides its questions into categories. Explain how this would help Watson improve the confidence in its answers. (1)

Question 8

Topic: Lecture 8
Source: Lecture 8

Why is it necessary to maintain a conversation history in a dialogue system (beyond just not asking the same question over and over again)? (1)

Question 9

Topic: Coding
Source: Lecture 5

Imagine that we are using a Q/A system for movie recommendation (by asking questions like "What is a good movie like Shawshank Redemption?"). Bert is likely not going to be sufficient to answer this question. Describe how you could modify the Bert Q/A reader to find good answers. (3)

END OF QUIZ