Execution of task 6

Tse Ching (SID:20598883)

Task Description

Develop and implement an online service using empirical data to help make informed decisions on predicting scores for compatible pairs. Sample Scenario of Application: (i) A person seeking advices on the chance of engaging in love affairs with someone of a different gender; (ii) A person seeking advices on the chance of engaging in love affairs with someone of the same gender.

Error Messages

If there is some invalid input, the system will show an error message and the corresponding field about the first invalid input it found on the console. For example,

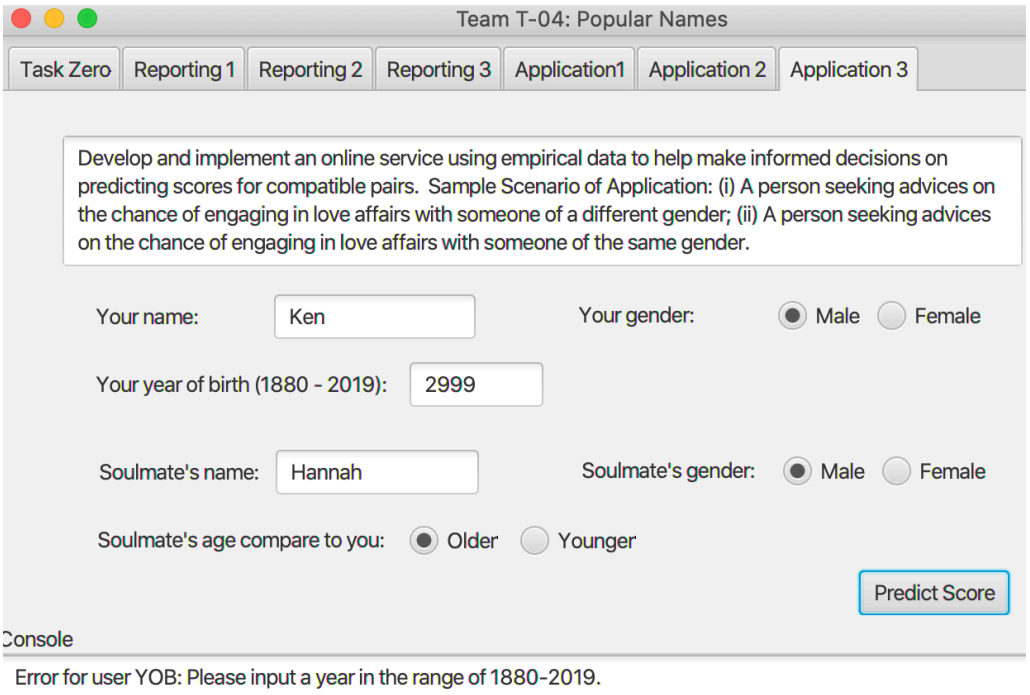

Fig 6.1 The output if user input a year out of range for the year of birth

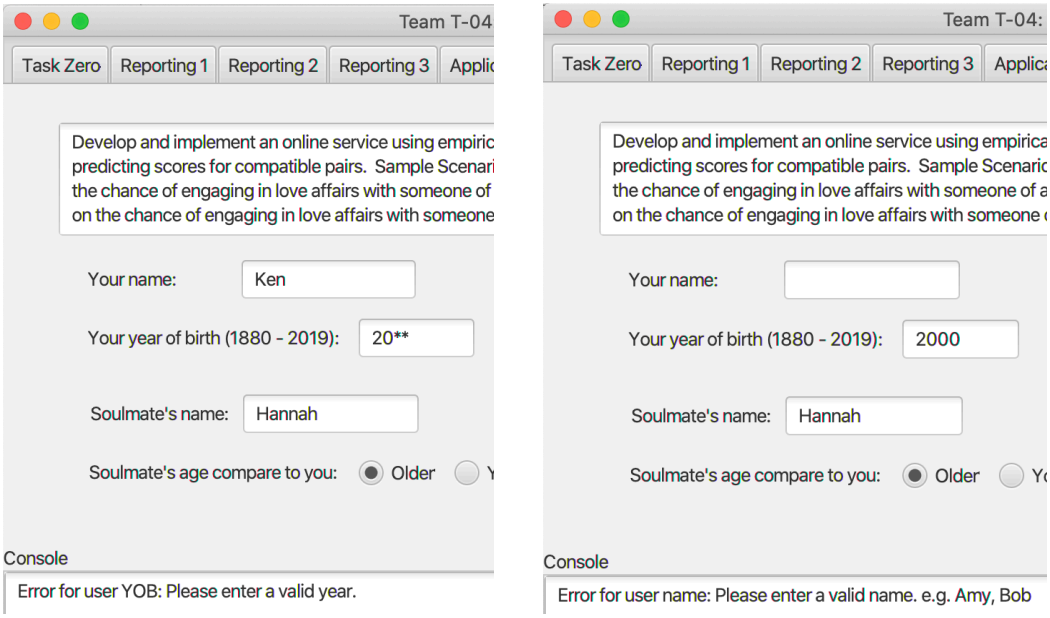

Fig 6.2(a)(b) The output if user input some invalid symbol/ null string

Accept "Semi-valid" Input

The system would accept input that is very close to valid input. In this task, it accepts input with extract spaces after of before the valid component and string with all character (case insensitive) for name.

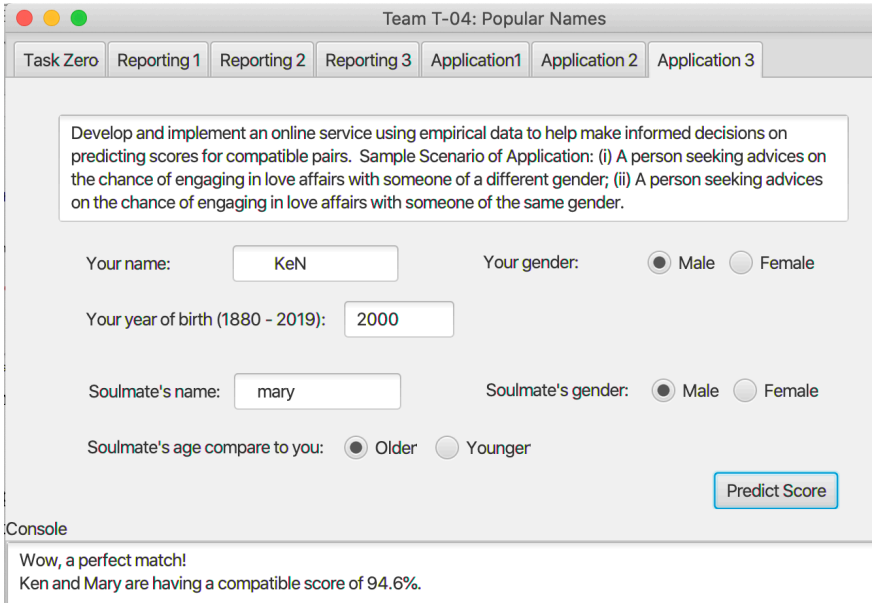

Fig 6.3 The output if user input " KeN " (include spaces and messy use of upper and lower case) for user name

Valid Input

Different message would be showed for different level of compatible score.

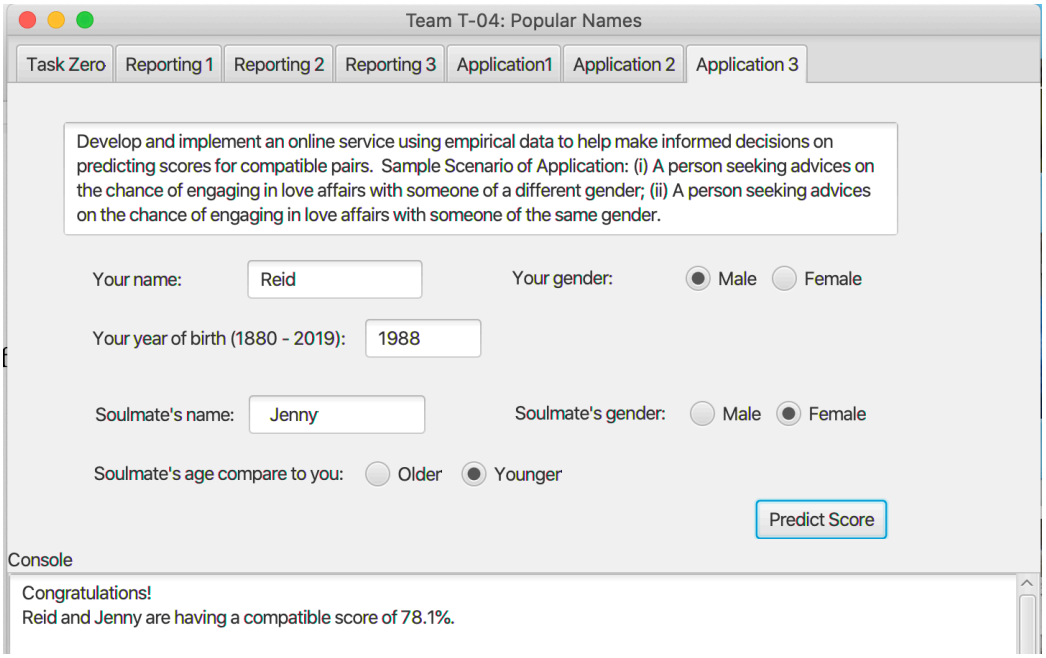

Fig 6.4 The output if the compatible score between 70% and 90%

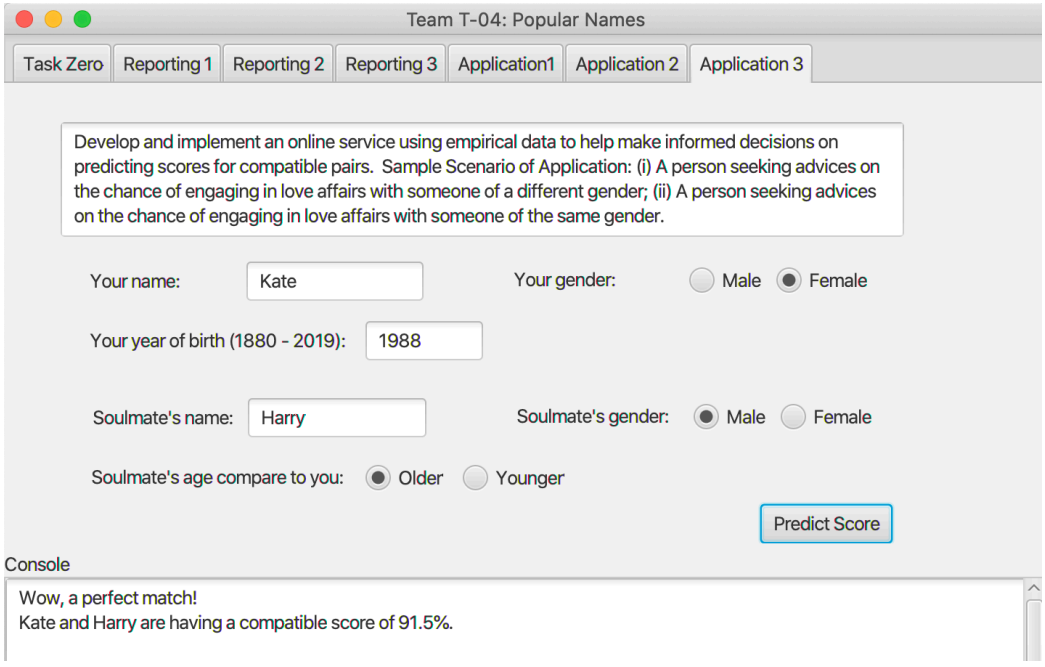

Fig 6.5 The output if the compatible score above 90%

Boundary case

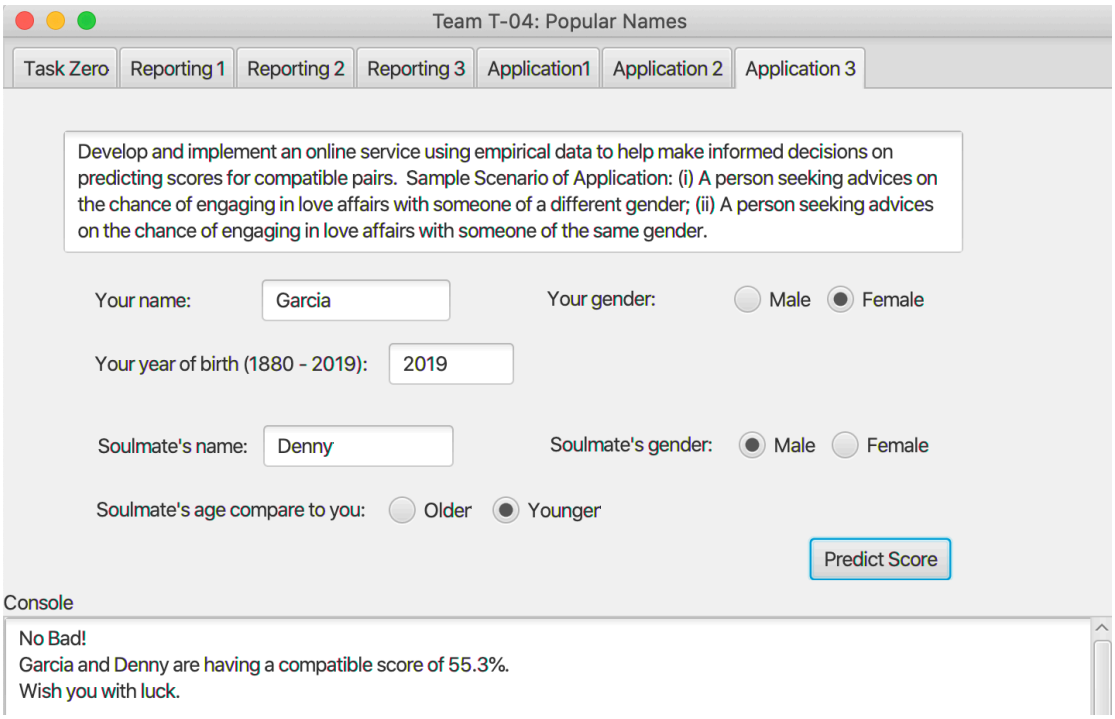

Fig 6.6 The output if soulmate's year of birth would be out of range

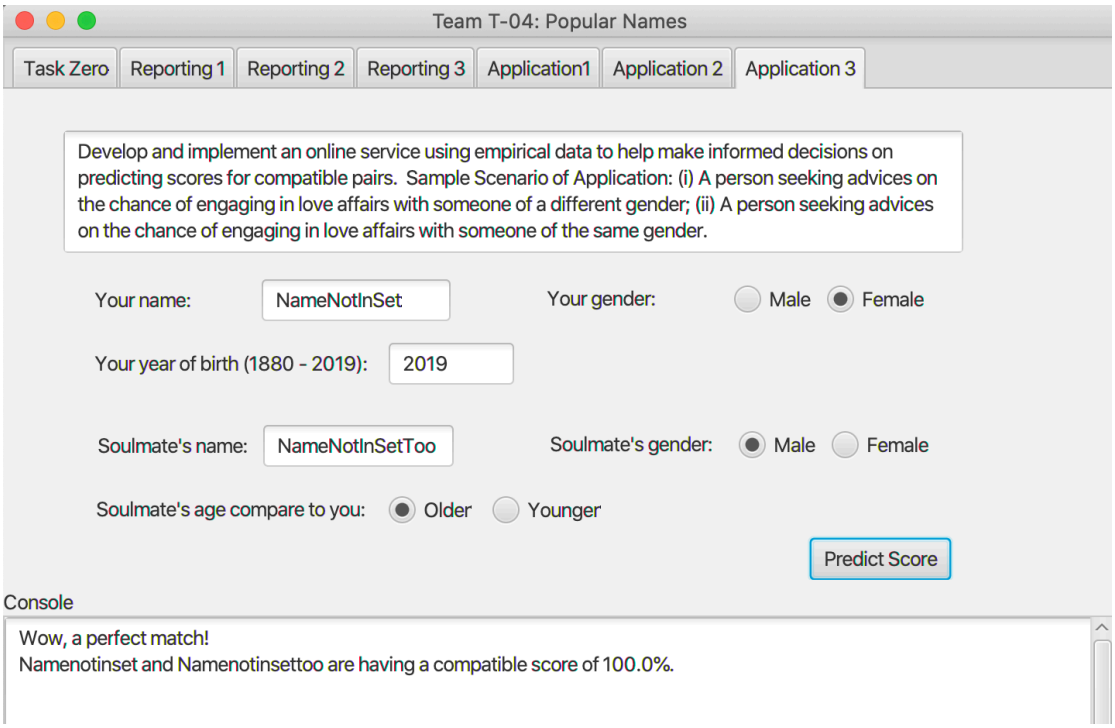

Fig 6.7 The output if the names are not in the data set