Facilitating Continuous Text Messaging in Online Romantic Encounters by Expanded Keywords Enumeration

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Problem

People meet their partners online (e.g., FB, Instagram, Tinder)

Developing a conversation is challenging between strangers in online romantic encounters [1, 2]

[1] Zytko et al., GROUP 2016 [2] Zytko et al., CHI EA 2016

System: *Topic reminder* (TOMI)

Enumerates five topic recommendations for a received message in real-time
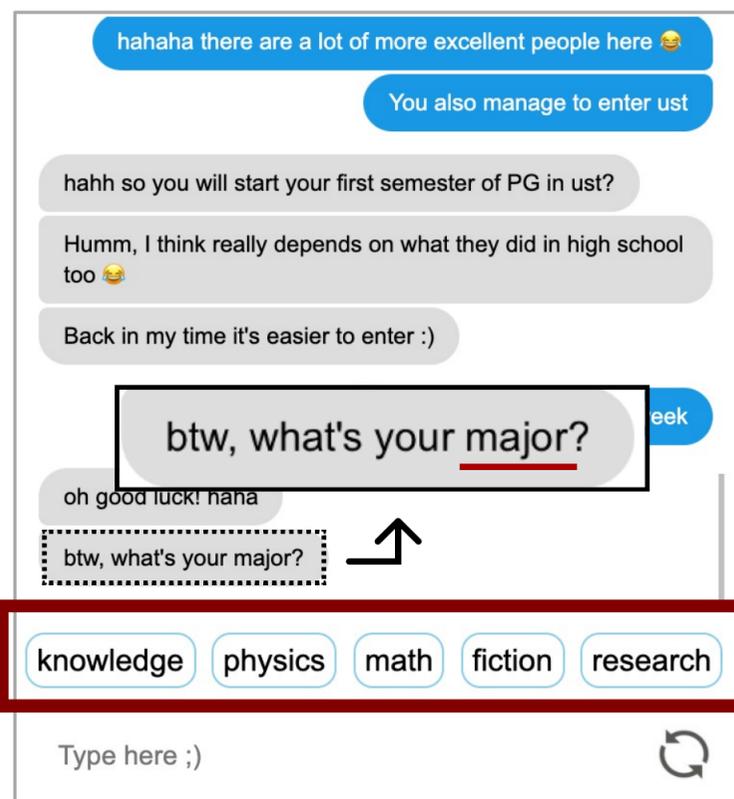
For a received message (example)

I sometimes cook snacks for my cat.

Stanford CoreNLP

Part-of-Speech Tags

I sometimes cook snacks for my cat.
PRP   RB   VB   NNS   IN   PRP   NN

Dependencies
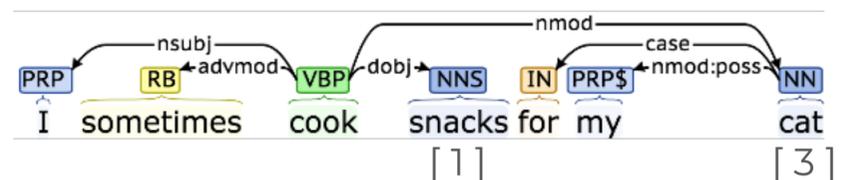
Qualitative Study on User Practices

Recruited eight dyads of strangers

Direct and Indirect Use of Suggestions

A: "I went to **China**"
   [*plate, red, **food**, population, country*]
                      B: "How was **food** there?"

A: "I like jazz **music**"
   [*sound, **play**, song, band, **piano***]
                      B: "Do you play any **instrument**?"

Perceptions of Senders and Receivers

Boosting Senders' Confidence

Unnoticeable to Receivers

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