

Supercell Case - Development of Synthetic Empathy (Draft)

Team: "The best Team"
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Concept

- ❑ Supervised learning to classify emotions in text conversations
- ❑ Predict the emotional of the recipient by highlighting the text messages
- ❑ Make suggestions for the sender
- ❑ Decrease the unfriendliness in the chat.

Display - The “emotional” Grammarly



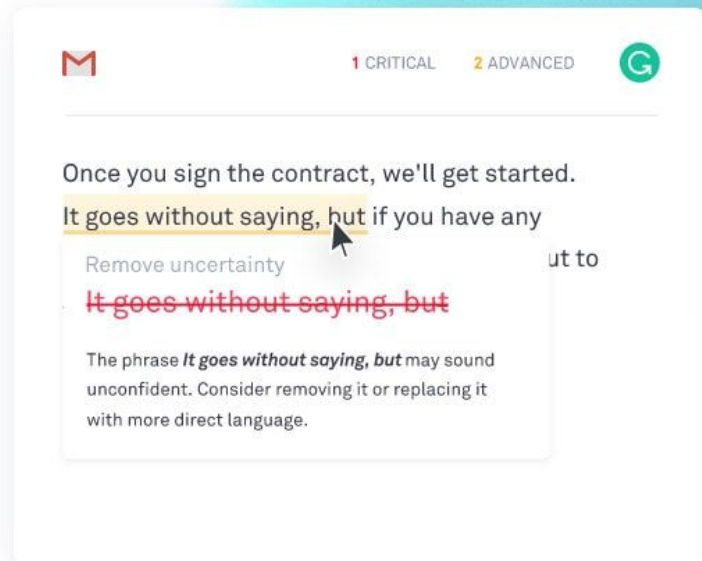
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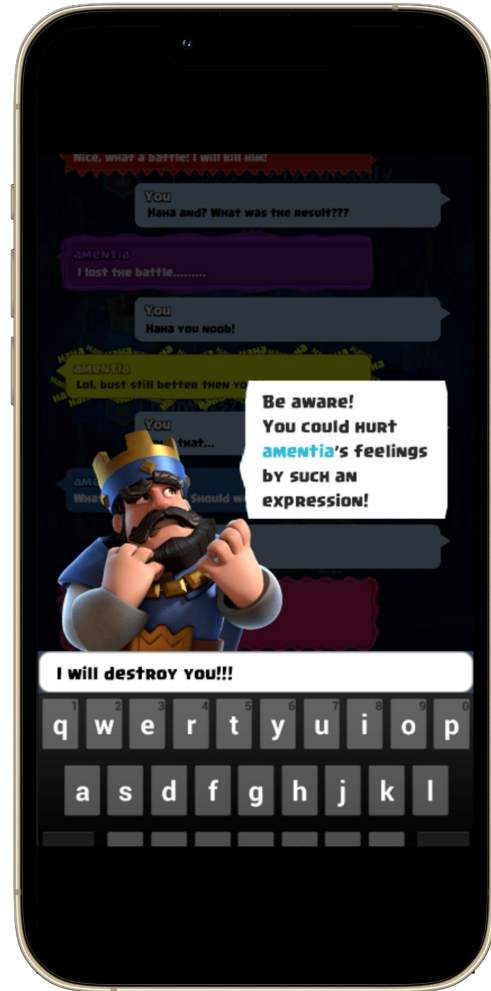
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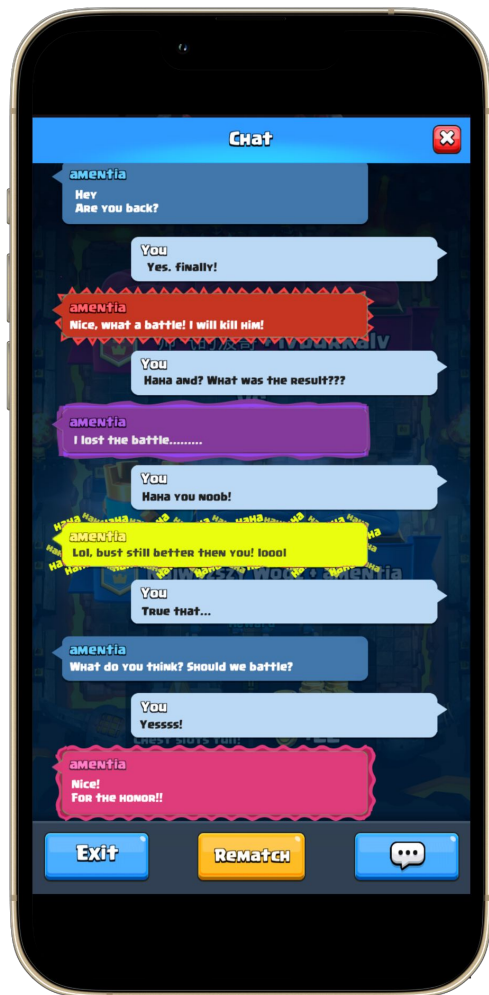
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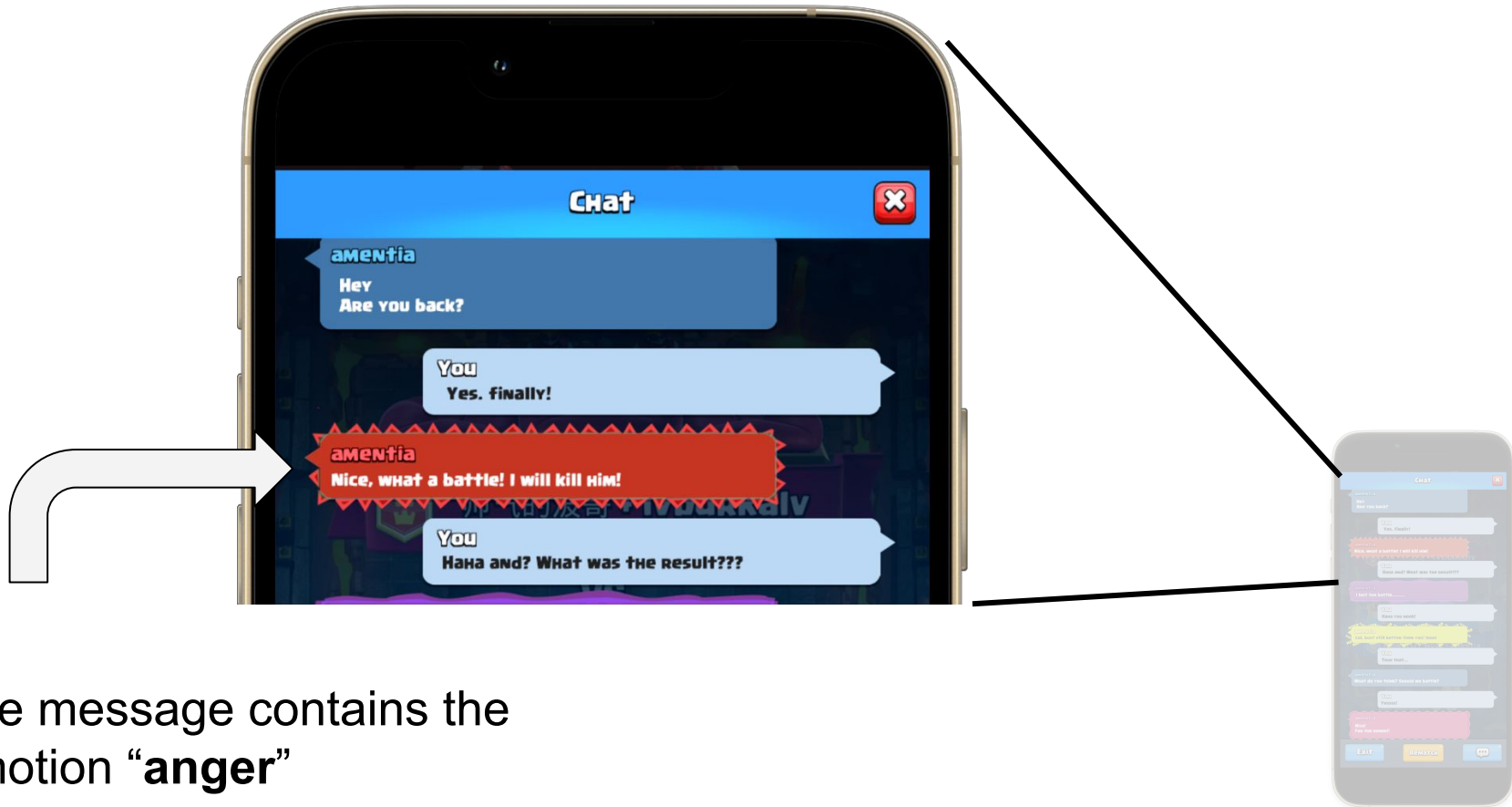
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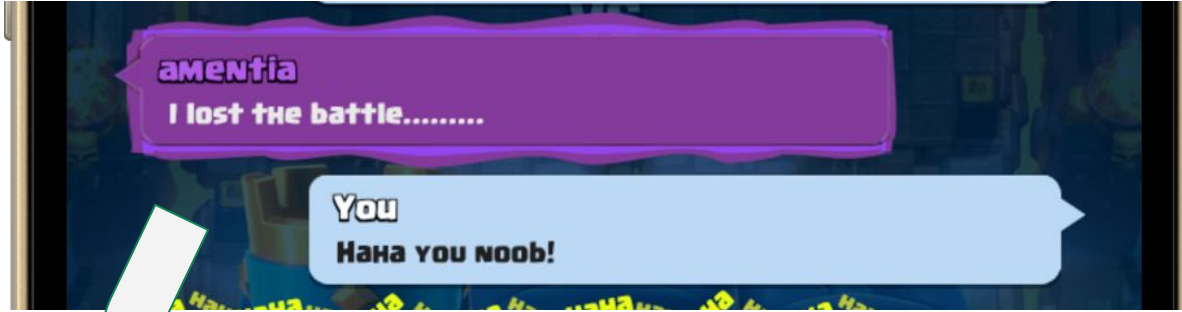
Synthetic Empathy AI - Use Case



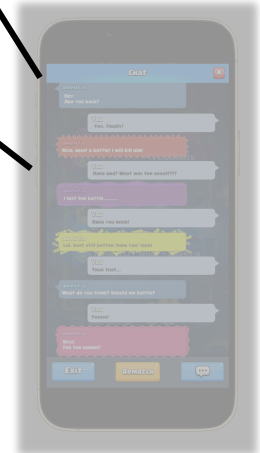




The message contains the emotion **"anger"**



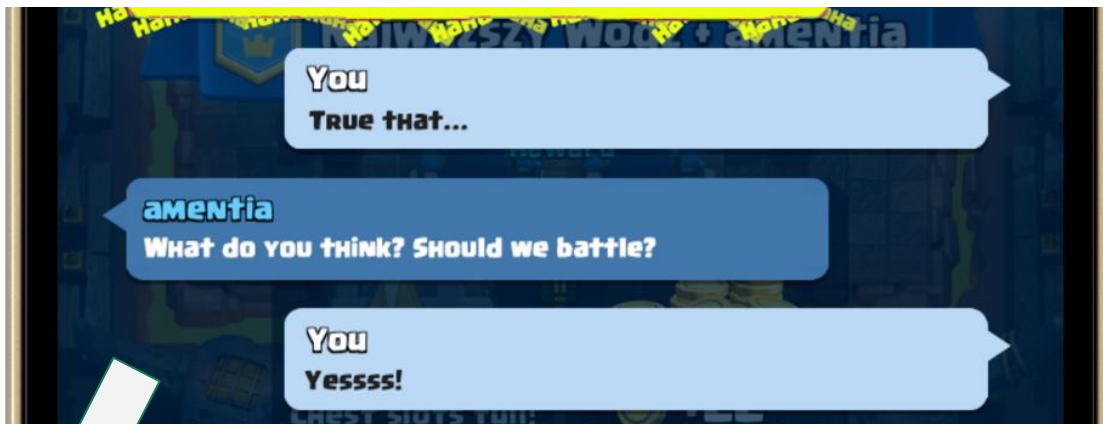
The message contains the emotion "**sadness**"





The message contains the emotion “**amusement**”

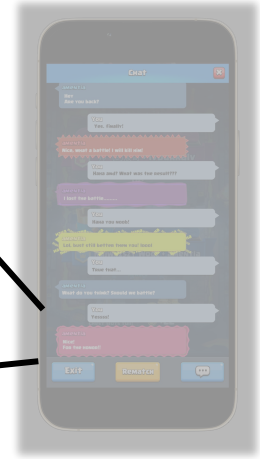
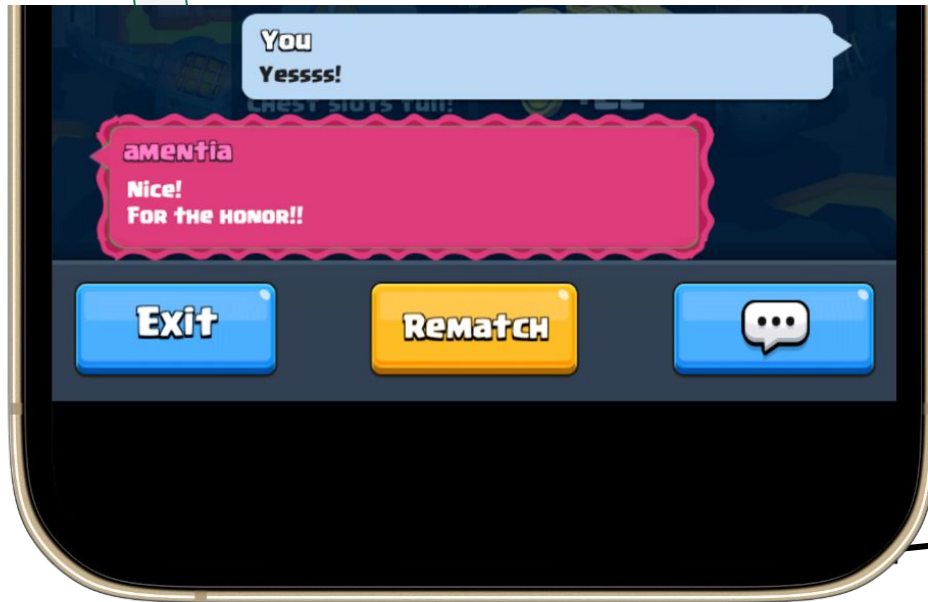


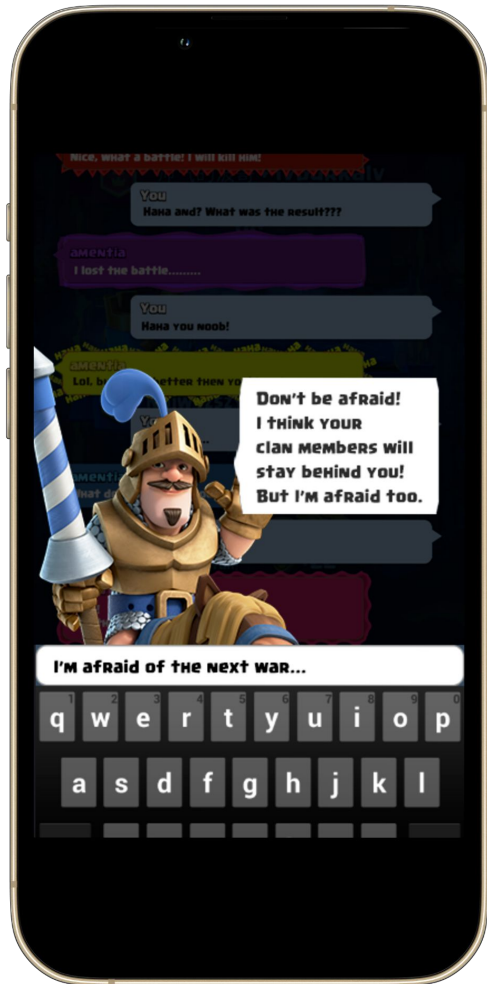


This messages is classified as it contains **no particular emotion**



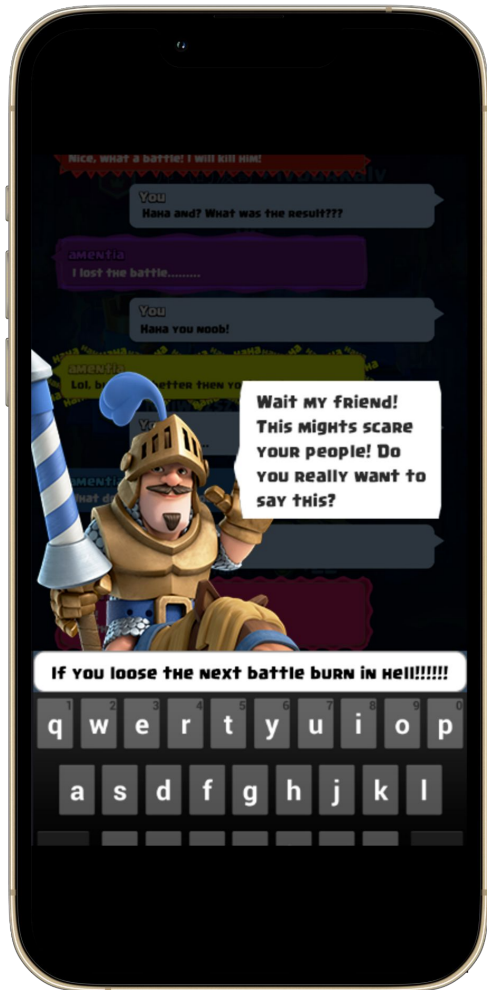
The message contains the emotion
“happiness”





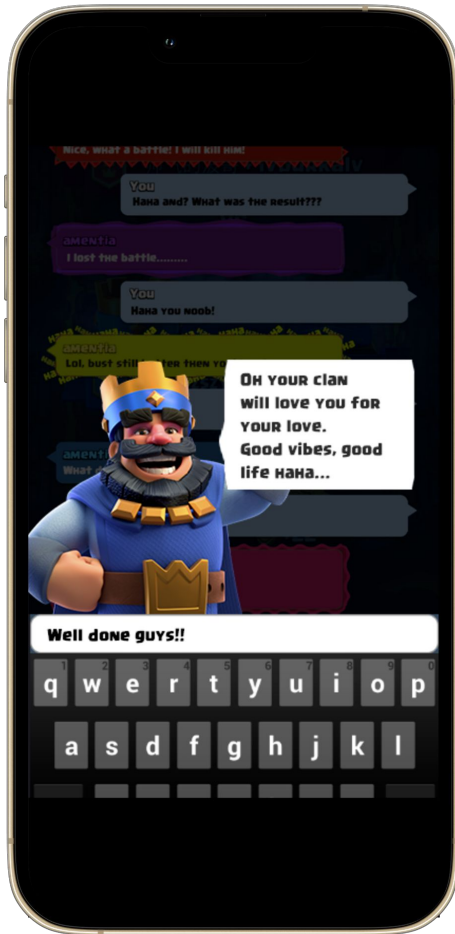
The emotion “fear” is taken into consideration:

- ❑ Here the self-confidence of the user is boosted.
- ❑ In addition, this supports the creation of an authentic chat environment.
- ❑ Nudging the conversation into a e.g. optimistic direction.



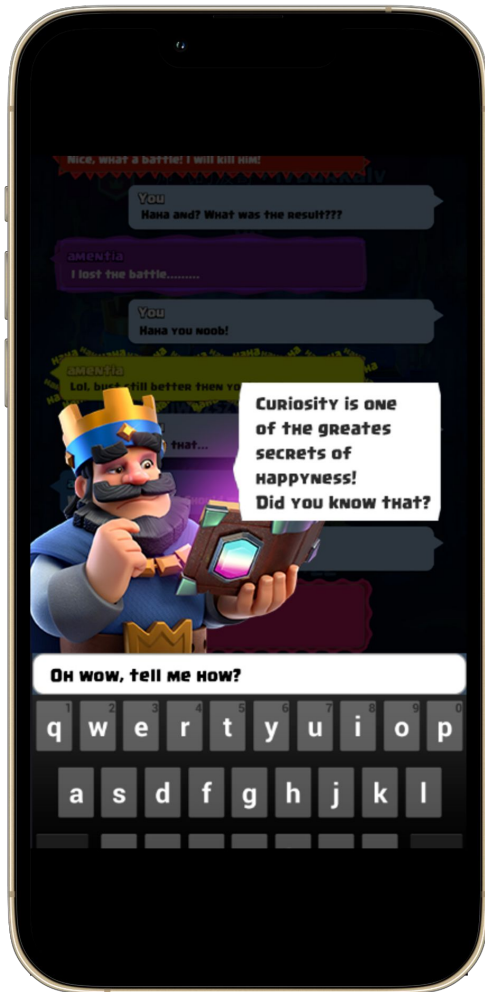
The emotion “**anger**” is taken into consideration:

- ❑ Nudging the conversation into a e.g. optimistic direction



The emotion “**Excitement**” is taken into consideration:

- ❑ Reply with a positive message



The emotion “**Curiosity**” is taken into consideration:

- ❑ Reacting with with an interested reply e.g. praisal

Technique

- ❑ Emotion detection system
- ❑ Supervised learning
- ❑ Classification model
- ❑ Naive Bayes
- ❑ (Random Forest)

Thank you very much for your time and attention!