

Appendix 1: The Search Strategy

1.1. Search strategy for MEDLINE (via PubMed interface)

(<https://www.ncbi.nlm.nih.gov/pubmed/>)

Filters: none

Conducted in April 2017 and updated in March 2019

“Conversational agent*” OR "conversational system*" OR “dialog system*” OR “dialogue system*” OR “assistance technology” OR “assistance technologies” OR "relational agent*" OR chatbot*

1.2. Search strategy for EMBASE

URL: Macquarie University Library (via OVID interface)

Limits: none

[mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]

Conducted in April 2017 and updated in March 2019

Conversational agent*.mp OR conversational system*.mp OR dialog system*.mp OR dialogue system*.mp OR assistance technology.mp OR assistance technologies.mp OR relational agent*.mp OR chatbot*.mp

1.3. Search strategy for PsychINFO

URL: Macquarie University Library (via OVID interface)

Limits: none

[mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]

Conducted in April 2017 and updated in March 2019

Conversational agent*.mp OR conversational system*.mp OR dialog system*.mp OR dialogue system*.mp OR assistance technology.mp OR assistance technologies.mp OR relational agent*.mp OR chatbot*.mp

1.4. Search strategy for CINAHL

URL: Macquarie University Library (via EBSCO Publishing)

Limits: none

Conducted in April 2017 and updated in March 2019

“Conversational agent*” OR "conversational system*" OR “dialog system*” OR “dialogue system*” OR “assistance technology” OR “assistance technologies” OR "relational agent*" OR chatbot*

1.5. Search strategy for ACM Digital Library

URL: Macquarie University Library (via EBSCO Publishing)

Conducted in April 2017 and updated in March 2019

“Conversational agent*”
"conversational system*"
“dialog system*”
“dialogue system*”
"relational agent*"
chatbot*