## Preliminary data extraction form for primary studies

### What is the nature of literature on conversational agents in health and well-being?

**Article information**
- **Information source**
  - Article identifier (DOI)
  - Source name (e.g., Journal name, conference name)
  - Publication type
  - Year of publication
- **Article title**
- **First author**
- **Affiliation of the first author**
- **Country**
- **Name of the corresponding author**
- **Corresponding author's email**
- **Funding**

**Study characteristic**
- **Design**
- **Aim**

### What are the characteristics of health interventions based on conversational agents?

**Health intervention**
- **Setting**
  - Life course of the primary end-user
  - Mean age of primary end-users
- **Target population**
  - Needs
  - If a condition or complex needs are targeted, specify
  - Additional end-users
  - If yes, specify additional end-users
- **Intervention design**
  - Use of a model/framework/theory (if yes, identify)
- **Intervention type**
  - Health assessment
  - Health education
  - Social Support
  - Behaviour change
  - Other
- **Intervention target**
  - Eating
  - Physical Activity
  - Sleep and rest
  - Hygiene
  - Oral Hygiene
  - Sexual and reproductive behaviour
  - Breastfeeding
  - UV radiation exposure
  - Parenting
  - Medication Adherence
  - Health symptoms
  - Managing symptoms
  - Other
- **Intervention means**
  - Information provision
  - Behaviour change technique (e.g., reminder, goal-setting, self-monitoring of behaviour or outcomes of behaviour)
  - Other
- **External human intervention**
- **Intervention duration**
- **Intervention frequency**

### What are the characteristics of the automated conversations employed in these health interventions?

**Conversation**
- **Interaction - Input**
  - Direct user input - Voice
  - Direct user input - Written language (free text or pre-defined options)
  - Direct user input - Still images
  - Connection with wearables
  - Vision
- **Interaction - Output**
  - Non-language modalities
  - Images
- **Dialogue engine**
  - Input processing (NL)
  - Artificial intelligence
  - Sentiment detection
  - Emotions recognition based on facial expressions
  - Knowledge needed

### What are the characteristics of the agents employed in these health interventions?

**Agent**
- **Embodiment**
  - Physical
  - Virtual
  - Physical
  - No embodiment (e.g., text box)
- **Emotions**
- **Role**
- **Personality**
- **Proactivity**
- **Delivery channel**