This folder contains additional material for the paper submission to CHBR:

**“Conversational Recommendation based on End-to-end Learning: How Far Are We?”**

There are two main directories at the root level. The first named **‘RBCRS code’** contains the complete Python source code for our own developed rule-based recommender system. The second directory named ‘**User Studies Data**’ contains the data and results for all studies reported in the manuscript.

The description of the content in ‘**User Studies Data**’ directory is mentioned as follows.

The directory named ‘**Study-1**’ contains data for both parts of this study i.e. ‘Study-1a’ and ‘Study-1b’. The description for sub-folders under this directory is as follows.

1. The directory named ‘**DeepCRS Files**’ contains DeepCRS data for the total number of unique and identical sentences.
2. The directory named ‘**KBRD Files**’ contains KBRD data for the total number of unique and identical sentences.

The directory named ‘**Study-2a’** contains data and results for the study named ‘Study-1a’. The description for the sub-folders is as follows.

1. The folder named ‘**Group-Circle Data**’ contains data for one of our groups called ‘**circle**’ in the manuscript.
2. Similarly, the other sub-folder named ‘**Group-Mturk Data**’ contains data for another group called ‘**Mturk’** in the manuscript. Please note that the data for discarded cases are contained in the respective group sub-folder.
3. The file named ‘**Compiled Results.xlsx**’ contains our overall analysis and compiled results regarding study-2a.
4. The file named ‘**Online studies raw data.json’** contains raw data of our studies in the form of JSON.
5. The file named ‘**Total Invalid Trials.xlsx**’ contains all the cases where the participants failed attention. Note that each user has 10 dialogue situations in this particular file.
6. Then we have another file named ‘**Total Valid Trials.xlsx**’, which contains data of only valid cases for both groups. The valid cases fulfill the following criteria as reported in the manuscripts.
   1. The attention check is passed
   2. The manual inconsistent cases are discarded

In this file, each user has nine dialogue-situations since the situation that belongs to attention-check is deleted for results analysis.

1. The directory named ‘**Study-2b**’ contains data and results for the study named ‘Study-2b’ in manuscript.
2. Finally, the directory named ‘System Generated Dialogues’ contains dialogue data for the three systems. We used this data for the online study.