

Advice Bot Design

Bijan Massoumi

March 1, 2017

Bot Features and Rules:

Once user initiates conversation with the bot, they will be welcomed and prompted to either ask a question or answer a question. A user can have up to N outgoing messages, each indexed in case the user wishes to edit or cancel an open question. Each received question or advice text will have a reply ID, which the user can use to reply at most convenient.

commands:

@help - lists all other commands
@ask < *question* > || "new question" etc. - asks new question
@answer|| "I would like to Answer a question" etc - serves user a question
@delete< *QuestionID* > || "delete ID"
@alter< *QuestionID* > || "I would like to change question ID"
@reply < *replyID* >, < *advice* > || "reply ID: blah blah blah"
@block < *replyID* > || "block RID"

Database:

User(facebookID,numQuestions,numAnswers,numBans)

Questions(facebookID, questionText, questionIndex)

UserBlackList(UserID,bannedID)

Banned(facebookID, length)

modules:

Databse API

Language Processor

Main app file