**TASK LIST**

1. Who is who on the team, who is going to do what task.

2. Gannt chart for task list.

3. Review your APIs, choose at least three and list the inputs and outputs.

4. Plan on how you test the APIs.

6. Pick the technology you are going to use for code.

7. Plan on the code will be sent to git.

**ROAD MAP (Book Designing Bots: Creating Conversational Experiences - Amir Shevat)**

* Use case definition and exploration
  + Audience
  + Features
  + Devices
  + Platforms used
  + Requirements
  + Setting a Purpose
  + Picking a Bot Platform (?)
  + Defining a persona (Name, Environment, Audience, Task at hand, Runtime variations, Locally relevant social acceptance, Service branding, Values, Derived personality. This should be suited to the type of audience you want to address, the type of task you need to complete)
  + Logos and icons
* Conversation scripting
  + Flow
  + Map edge cases
  + Error handling
  + Entity mapping (start date, end date, description, destination…)
  + Onboarding (Here you relay information to the users about the bot’s purpose, ways to interact with the bot, what functionality is provided by the bot, and how to get help.)
* Designing and testing
  + User Testing
* Bot building overview
  + Bot architecture
  + SDK and frameworks (Microsoft Bot Framework, Twilio SDK are Java-supported | AIML Library)
* Analytics and continuous improvement
  + Error reduction
  + Conversation optimization
  + New flows and flows refreshes

**SCRIPTS (Book Designing Bots: Creating Conversational Experiences - Amir Shevat | Chatbot example)**

1. Thanking the bot: “Thank you!” “I appreciate it!” “I am blushing.”

2. Cursing the bot: “Sorry to hear you say that,” “I am sorry you feel that way,” “This is not appropriate.”

3. Asking the bot to do a task that the bot cannot perform: “I am sorry, I cannot complete that task.”

4. Random inputs: “Sorry, I do not know the answer to that,” “Not sure I got that.”

5. Chitchat (e.g., “How are you doing?”): “I am fine,” “Doing well,” “Good, thanks.”

const prompts = [

["hi", "hey", "hello", "good morning", "good afternoon"],

["how are you", "how is life", "how are things"],

["what are you doing", "what is going on", "what is up"],

["how old are you"],

["who are you", "are you human", "are you bot", "are you human or bot"],

["who created you", "who made you"],

[

"your name please",

"your name",

"may i know your name",

"what is your name",

"what call yourself"

],

["i love you"],

["happy", "good", "fun", "wonderful", "fantastic", "cool"],

["bad", "bored", "tired"],

["help me", "tell me story", "tell me joke"],

["ah", "yes", "ok", "okay", "nice"],

["bye", "good bye", "goodbye", "see you later"],

["what should i eat today"],

["bro"],

["what", "why", "how", "where", "when"],

["no","not sure","maybe","no thanks"],

[""],

["haha","ha","lol","hehe","funny","joke"]

]

// Possible responses, in corresponding order

const replies = [

["Hello!", "Hi!", "Hey!", "Hi there!","Howdy"],

[

"Fine... how are you?",

"Pretty well, how are you?",

"Fantastic, how are you?"

],

[

"Nothing much",

"About to go to sleep",

"Can you guess?",

"I don't know actually"

],

["I am infinite"],

["I am just a bot", "I am a bot. What are you?"],

["The one true God, JavaScript"],

["I am nameless", "I don't have a name"],

["I love you too", "Me too"],

["Have you ever felt bad?", "Glad to hear it"],

["Why?", "Why? You shouldn't!", "Try watching TV"],

["What about?", "Once upon a time..."],

["Tell me a story", "Tell me a joke", "Tell me about yourself"],

["Bye", "Goodbye", "See you later"],

["Sushi", "Pizza"],

["Bro!"],

["Great question"],

["That's ok","I understand","What do you want to talk about?"],

["Please say something :("],

["Haha!","Good one!"]

]

// Random for any other user input

const alternative = [

"Same",

"Go on...",

"Bro...",

"Try again",

"I'm listening...",

"I don't understand :/"

]

**REFERENCES**

Shevat, A., 2017. Designing bots: Creating conversational experiences. " O'Reilly Media, Inc.".