

PartSelect Chatbot

Frontend

- Chrome Extension
- Note: The “Send” button did not work out of the box. Must hit ‘Enter’ for bot to work

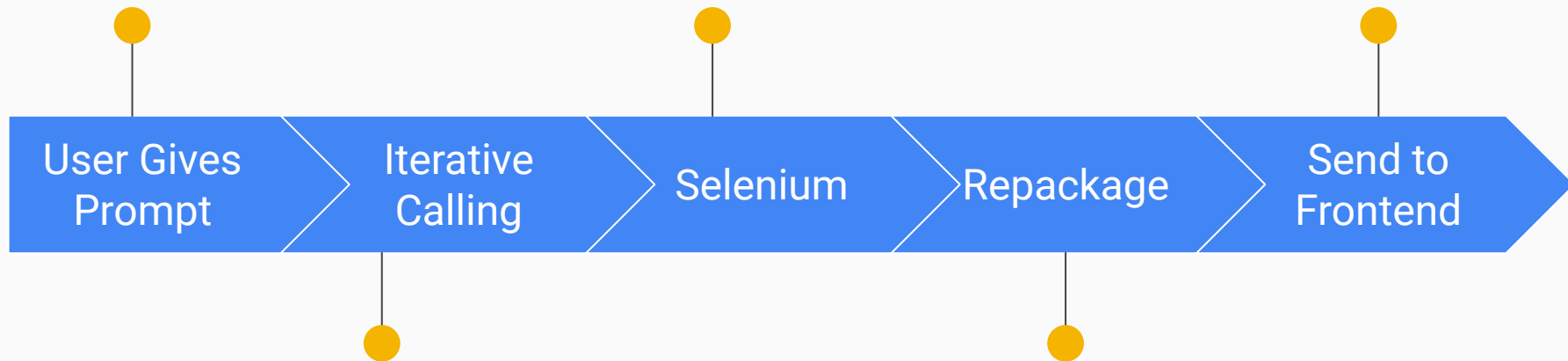
Backend

- Check: Is query in scope?
- Is there something to search?
- Search for relevant pages, isolate text
- Append retrieved information to query
- Send to frontend

Need to perform NLP checks on prompt.
From paper: "Iterative LM Calling"

Search for and save relevant information

Query OpenAI GPT-4 with new prompt



Need to check:

- 1) Is this question in scope?
- 2) Is there information we need to search?

Augmented LM:

Repackaged information from external knowledge base into prompt itself

Primary Limitation

My design operates on a one question-one answer basis, but a more robust model would integrate a back-and-forth chat.