Spring Capstone Group #1

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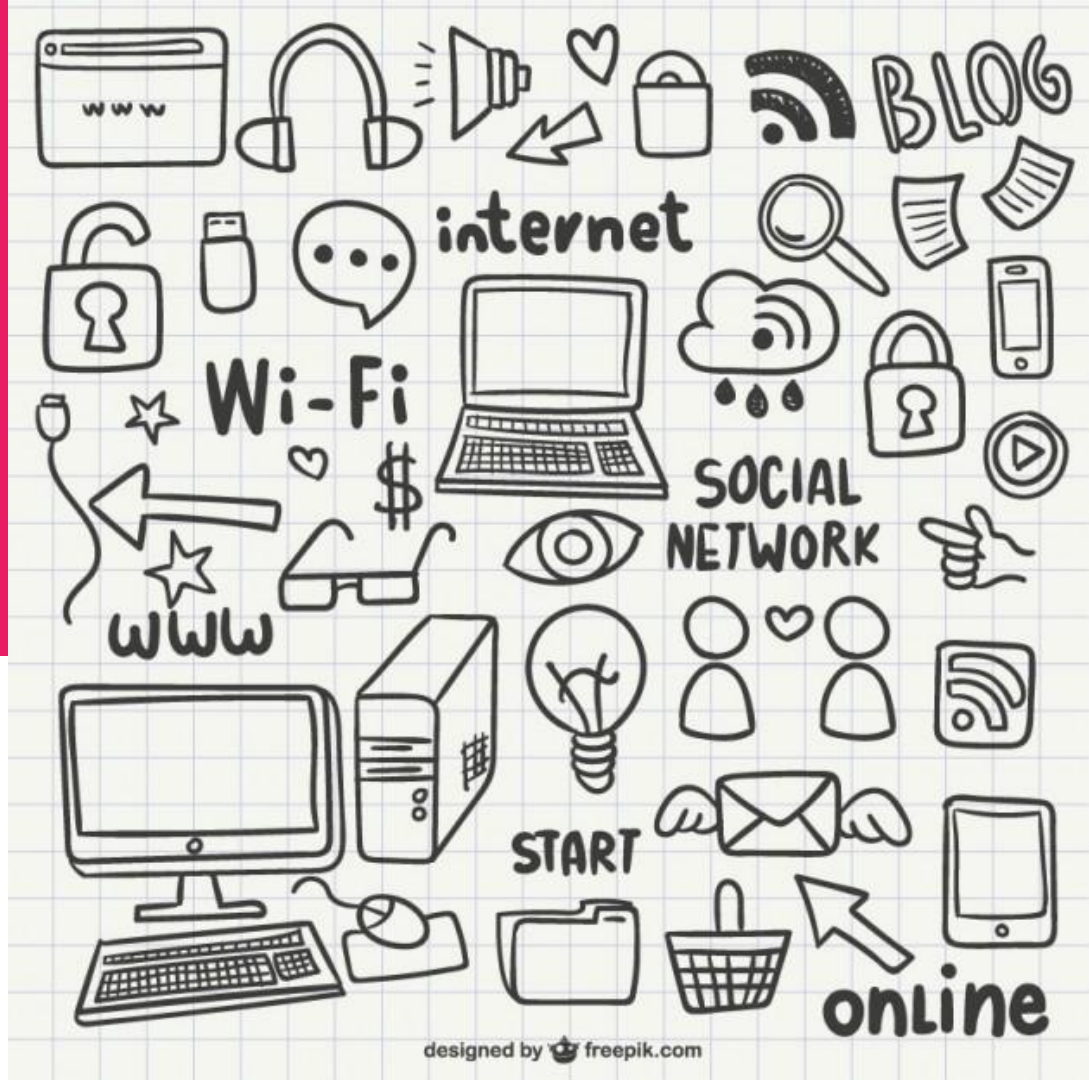


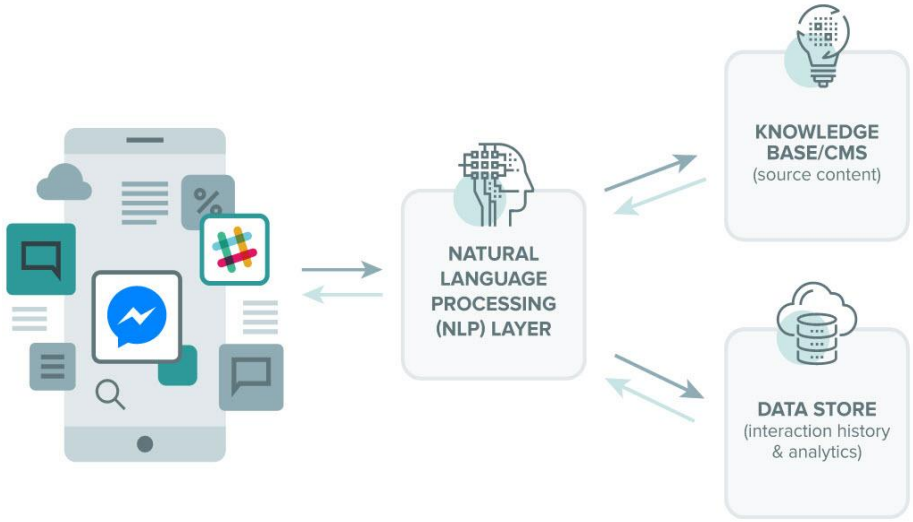
Vision

The ability to set a messaging app on auto-pilot

- Users can focus on what matters without distractions
- Other parties will not feel ignored

Strategy

- Create a standalone chatbot
- Train it on a user's messaging history
- Deploy it on various mobile platforms
- Create a framework that allows user modification



Goals

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1. User’s responses and the bot’s responses are indistinguishable (i.e., passes the Turing Test)
2. Available to users on popular mobile platforms

Features

- Customizable chatbot interface
- Chatbot
  - access to various messaging apps
  - ability to create/send messages
  - ability to learn the user’s messaging habits
  - ability to auto-respond to user’s messages
- User
  - Security
  - interaction with chatbot

Stories

As a user, I want:

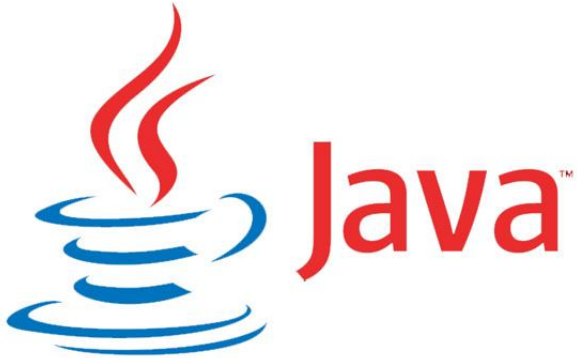
- to register to create a new account.
- to login to retrieve my personal account.
- my conversations to be encrypted
- a chat window
- to access my profile, so that I can configure the settings
- to rate my chatbots responses, so the chatbot improves performance.
- an interface to upload my chat data from various platforms

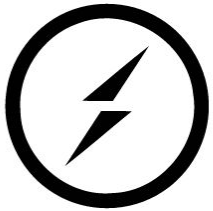
Platforms

Back End

Front End

Swift





socket.io

Other technologies...

APIs:

1. Dialogflow (api.ai.framework)
2. RASA

Libraries:

1. TensorFlow
2. SocketIO
3. NLTK
4. SciKitLearn

Thank you!