

Team Name

UNDEFINED

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Process

Scrum: It is an agile development process which focuses on the incremental development. It has an initial phase in which objectives for the system design are decided. These objectives form a Product backlog, from the product backlog a sprint backlog is generated. A sprint is a period of 2-4 weeks during which the team tries to complete the sprint log objectives. At the end of the sprint the team reviews the sprint period and show a demo of what was developed during the period.

GitHub

<https://github.com/d3v3lopingCod3/Cosc4p02ChatbotProject>

Importance

A chat bot is important for Canada games because it can provide easy access to information for the fans of the Canada games whether they are seeking information on the athletes and their events, tracking current medal count, or trying to get to know more about Canada games themselves.

Objective

Create a chatbot that takes scraped input from a website to generate answers to frequently asked questions. This will involve scraping webpages for frequently asked questions and caching them in a database to be retrieved later; directly scraping websites in response to a question is undesirable as this will contribute heavily to the latency and length of time for a response since the information must be found and used to train the chatbot before returning the answer to the user.

Problem

The problem sought to be solved by this application is one where a user can, in plain English, asks a question and receive an automated and accurate response dictated by data on an arbitrary website.

Technology Stack

Front end: React.js

Back end: Node.js with [Socket.io](#)

Database: MySQL

Scraping: [Selenium](#)

CHAT-BOT AI Dev: [NumPy](#) with Python

System Modeling and Product Backlog: [Miro](#)

Overall Time Plan

Product Backlog: Monday 24th Jan by 23:59

Sprint Backlog: Monday 24th Jan by 23:59

Scrum Meetings: Monday (4:30 – 6:00)

Sprint Review:

1. Friday January 28th (4:30 – 6:00)
2. Friday February 11th (4:30 – 6:00)
3. Friday February 25th (4:30 – 6:00)
4. Friday March 11th (4:30 – 6:00)
5. Friday March 25th (4:30 – 6:00)
6. Friday April 8th (4:30 – 6:00)

Progress Reports:

- 1) Monday 28th Feb by 23:59
- 2) Monday 28th March by 23:59

Final Presentation: Monday April 18th - Sunday April 30th