

Product and Sprint Backlog:

The Trello workspace board holds the user stories for this project and can be found using the following link: <https://trello.com/b/OkviFZ6h/project>

Sprint 1:

This Feature is divided into 2 user stories

A basic chat app that sends and receives messages.
in list [Sprint 1](#)

Labels
Feature +

Description Edit

The chatbot should be able to send and receive messages to and from the user without skipping any messages and responses.

Trello attachments

User Story
As a user I would like to be able to type in my messages to the chatbot and see all the texts that I have sent to and received from the chat bot during the entirety of our session so that I can read the messages at my pace and reference them later on.
0/4
Project: Sprint 1

User Story
As a user I would like to be able to type out my question to the chatbot and then wait for its response so that I can communicate my queries to the chatbot in simple English without any technical jargon.
1 0/3
Project: Sprint 1
[Remove](#)

[Remove](#) [Connect cards...](#)

Add Trello attachment

Suggested

Join

Add to card

Members

Labels

Checklist

Dates

Attachment

Custom Fields

Add dropdowns, text fields, dates, and more to your cards.

Start free trial

Power-Ups

+ Add Power-Ups

Automation

+ Add button

As a user I would like to be able to type out my question to the chatbot and then wait for its response so that I can communicate my queries to the chatbot in simple English without any technical jargon.

in list [Sprint 1](#)

Labels

User Story +

Description

Add a more detailed description...

Trello attachments

Feature

A basic chat app that sends and receives messages.

2

Project: Sprint 1

[Remove](#)

Suggested

Join

Add to card

Members

Labels

Checklist

Dates

Attachment

Cover

Custom Fields

Add dropdowns, text fields, dates, and more to your cards.

[Start free trial](#)

Tasks

Delete

0%

Create a method to respond to users query. Does not have to be the final response just the mechanism to respond.

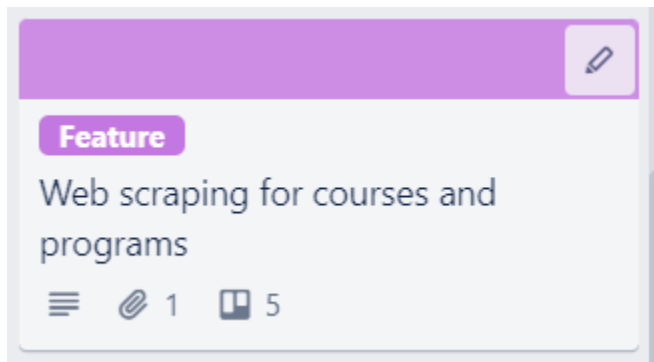
Create automated tests of possible queries and expected responses for the "brain" to ensure that it can respond to a wide range of possible user queries

Create a method to accept user messages and send them to a parsing mechanism

Add an item

Team: Roadmen Buggy

Feature #2 This feature has various user stories out of which only 5 are selected for the first sprint.



UserStory1

0%

☐ Re-tune the existing Brock Web scraper to scrape contact information across all Brock website and pages.

☐ Create a table in the Db and name is "ProgramsAndDept" with the columns stated in the description

☐ Collect and sanitize the data

☐ Save the collected data in the "ProgramsAndDept" table

☐ Update the Corpus to account for the new patterns related to brock programs and departments

Add an item

As a potential student, I want to access information about various Brock programs (degrees), and the different departments so that I can decide if Brock is a suitable choice for me.

in list [Sprint 1](#)

Labels

User Story +

Description Edit

All the data must be added to a new table called "ProgramsAndDept" in the database with the following columns.

-Program Year

-Program Name

-Program Code

-Department

-DegreeOutcomes

-Prereqs

Suggested

Join

Add to card

Members

Labels

Checklist

Dates

Attachment

Cover

UserStory2:

As a student, I want to be able to search for all courses offered in a specific semester so that I can plan my semester accordingly and quickly.

in list [Sprint 1](#)

Labels

User Story



Suggested

Join

Add to card

Member

Labels

Checklis

Dates

Attachm

Description

Edit

Will need a new table with the following columns in the table

- Course Code
- Course Name
- Course Instructor
- Course Location
- Save the collected data in the

0%



Re-tune the existing Brock Web scraper to scrape and collect data on all courses offered.



Create a table in the Db and name is "CourseOfferings"



Collect and sanitize the data from the scraper




Save the collected data in the "CourseOfferings" table



Update the intents and training data to account for the new patterns related to course offerings

Add an item

User Story 3:

 As a student, I would like to see which courses in my program are asynchronous, synchronous or in-person during the semester in order to choose my courses according to my preferences.

in list [Sprint 1](#)

Labels

User Story



Suggested

 Join

Add to card

 Members

 Description



Tasks

Delete

0%



Gather and store data about which Brock course is asynchronous, synchronous or in-person during the semester in the database.




Add a Access button so that the user can access all the courses and see the mode of delivery they will be offered in.



Add a method to return the required output to the user.

Add an item

UserStory4:



As a student, I would like to be able to see all the prerequisites for each course so that I can choose my courses quickly and accordingly.


in list [Sprint 1](#)

Labels

User Story

+

Suggested

 Join

Add to card

☒ **Tasks**

Delete

0%

☐

Store the information about each of the Brock course prerequisites in the database.

☐

Add a button which will accept the user input and display information about the course prerequisites according to the input given by the user.

☐

Develop a method which will process the user input and return the required brock course prerequisite demanded by the user.

Add an item

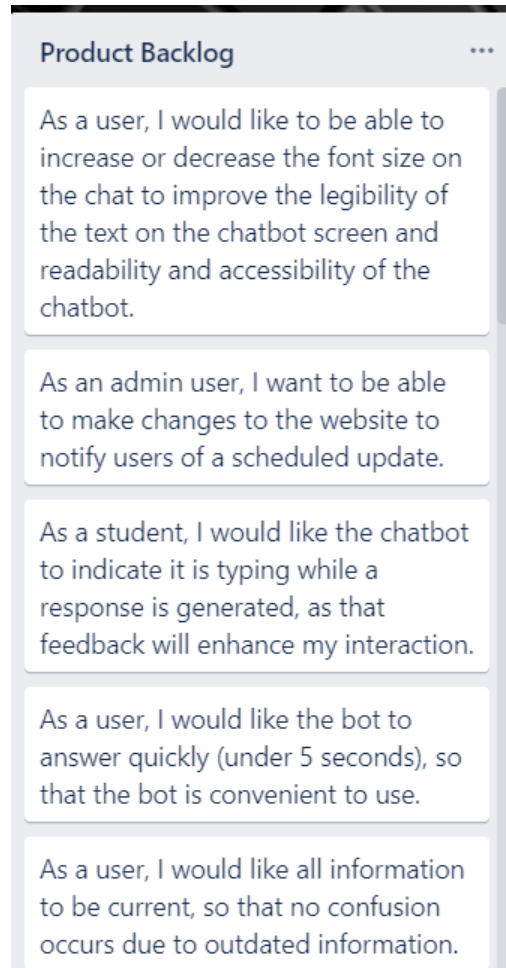
Sprint 2: (We have selected only 5 User stories for the second sprint so that we can account for some carryover users stories that were not completed in the first sprint.)

The image shows a screenshot of a Jira board for 'Sprint 2'. The board has a header 'Sprint 2' with a three-dot menu icon. Below the header, there are five user stories arranged in two columns. The first story is highlighted with a green 'User Story' label and a checkbox icon. The stories are as follows:

- User Story**
As a user I would like the chatbot responses to my query be intelligent, coherent in simple English so that I can understand the response and get a feeling that I am talking to a human.
☑ 0/3
- As a new student, I want to be able to access information about active clubs on campus, such as the Brock CSC, so I can get involved and enhance my student experience.
- As a user, I would like to be able to navigate back and forth from the chatbot home screen to chatbot screen so that I can switch between different versions of the chatbot without having to refresh the website.
- As a student, I'd like to be able to get information about important dates at the brock, such as the last day of exams, or residence move-in day so that I am always aware of what is happening.
- As a user, I would like the chatbot to have a conversational tone, so it feels like I'm talking with a real person.

à

Product backlog (Work in progress):



As a user I would like to receive an error message in the cases that there is a network communication error and information is unavailable.

As a user I would like to be able to paste text from the clipboard when writing a message so that it is convenient for me to use

As a user, I would like the font to be legible so that I can easily interact with the chatbot and the information that it must provide.

As a user, I would like to see an error on screen or a message from the bot when the input field is empty and enter is hit, so I am aware of the error made in accident.

As a user I would like the bot to be able to recognize minor typos and misspellings and respond appropriately so that it is convenient to use.

As a stakeholder, I would like the bot to handle any explicit language used by the user accordingly and in an appropriate manner so as to keep in line with the standards of the organisation.

As a student, I would like to be able to get information on exam times and locations, so I can plan my schedule accordingly.

As a student, I want contact information about the different faculty/administration members I can talk to about academic problems, such as guidance counsellors for my program, issues with co-op, etc.

As a student, I want to be able to see all the events offered on campus this week so I can attend them if I am interested.

As a user, I would like the chat bot to have an option to switch between light and dark themes to prevent eyestrain while using chatbot in different conditions.

As a user I would like a properly formatted mobile version of the app so that I can access it through my phone.

As a user, I would like the chatbot display to work in both portrait and landscape aspects on mobile devices so it fits whichever aspect of using the bot I might prefer.

As a user, I want to be able to see which restaurants are open on campus, so I do not have to worry about missing timings.

As a student, I would like to access information regarding St. Catharines/Niagara transit so that I can plan my schedules accordingly.

As a stakeholder, I would like to see Brock colors represented on the chat so that it looks cohesive with the Brock website

As a user, I would like to be directed to relevant outside sources with more information about my query if the chatbot is unable to answer my question so that I can find answers regarding my queries.

As a user I would like to be able to ask multiple questions simultaneously and receive multiple responses.

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