

COSC 4P02 - Software Engineering 2

Our group has since changed, you can find our additional members now listed hear, as well as in the ReadMe of the github page

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User Stories can be accessed via miro link:

https://miro.com/app/board/uXjVOVJiMLA=?invite_link_id=380563360536

Priority 10	Asking questions: Priority level: 10 As a student I want to have my question I have about Brock University answered properly by the chat bot so that I get the answer I need in one place.							
Priority 9								
Priority 8	Exam questions: Priority level: 8 As a student I want to be able to ask questions about specific exams and receive all information about them, so I know about my exams.	Course questions: Priority level: 8 As a student I want to be able to ask questions about specific courses and receive all information about them, so I know about my courses.	Program questions: Priority level: 8 As a student I want to be able to ask questions about specific programs and a link to the program's webpage.					Brock website access functional requirements: Priority level: 8 As the chat bot, it must be able to access the Brock University website through internet access.
Priority 7	Course professor questions: Priority level: 7 As a student I want to be able to know what professor is teaching a specific course, so I know which is teaching what course.	Course time questions: Priority level: 7 As a student I want to be able to know what time a specific course is held, so I know when it is.	Course hour questions: Priority level: 7 As a student I want to be able to know how many hours the course takes so I know how much time to invest.	Course lab hours questions: Priority level: 7 As a student I want to be able to know how many lab hours the course takes so I know how much time to invest.	Course tutorial hours questions: Priority level: 7 As a student I want to be able to know how many tutorial hours the course takes so I know how much time to invest.	Course seminar hours questions: Priority level: 7 As a student I want to be able to know how many seminar hours the course takes so I know how much time to invest.	Course session questions: Priority level: 7 As a student I want to be able to know information about what terms the course runs so I know when it will be and can plan around it.	Course term questions: Priority level: 7 As a student I want to be able to know information about what terms the course runs so I know when it will be and can plan around it.
	Important date website questions: Priority level: 7 As a student I want to be able to ask for the about Brock important dates website and receive a link to the about website so I know when the site is.	Accuracy to course offering status: Priority level: 7 As a student I want the answers given about a course to reflect if the course is being offered this year or that it's not getting outdated information.	Course link: Priority level: 7 As a student I want the answer given about the questions about a course I want to be the Brock University website link for the course so that I can find the answer myself.	Accuracy to exam schedule status: Priority level: 7 As a student I want the answers given to reflect the current status of current exam schedules so that I'm not getting outdated information.	Course last exam status: Priority level: 7 As a student I want the answers given to reflect whether or not a course has an exam so I'm not getting misinformation.	Exam time details questions: Priority level: 7 As a student I want to be able to ask questions about specific details of exams like the date and time so I know when exams are.	Exam location details questions: Priority level: 7 As a student I want to be able to ask questions about specific details of exams like the location so I know where my exams are.	Course lecture hour questions: Priority level: 7 As a student I want to be able to know how many lecture hours the course takes so I know how much time to invest.

Priority 6	<p>Web site questions: Priority level: 6 As a student I want to be able to ask questions about the web site and receive a link to the about web site so I know what the link is.</p>	<p>About website questions: Priority level: 6 As a student I want to be able to ask for the about link from website and receive a link to the about website so I know what the link is.</p>	<p>Exam link: Priority level: 6 As a student I want to be given a link to the exam schedule if I have not saved answer my questions so I can look up the information myself.</p>	<p>Accuracy to program offering status: Priority level: 6 As a future student to know if a program is being offered so that I can consider it as an option.</p>	<p>Exam registration questions: Priority level: 6 As a student I want to be able to ask questions about whether an exam is in person or online, and I know how to take the exam.</p>	<p>Book website the best time to register: Priority level: 6 As a student I want to be able to ask questions about whether an exam is in person or online, and I know how to take the exam.</p>	<p>Course full options questions: Priority level: 6 As a student I want to be able to know what full options the course has so that I know what to take.</p>	<p>Exam registration questions: Priority level: 6 As a student I want to be able to ask questions about whether an exam is in person or online, and I know how to take the exam.</p>
Priority 5	<p>Website questions: Priority level: 5 As a future student I want to be able to ask what the link website is and receive a link to the website so I know what the link is.</p>	<p>Exam time details questions: Priority level: 5 As a student I want to be able to ask questions about specific details of exams like the date and time so I know when exams are.</p>						
Priority 4	<p>Exam registration questions: Priority level: 4 As a student I want to be able to ask questions about whether an exam is in person or online, and I know how to take the exam.</p>	<p>Exam time details questions: Priority level: 4 As a student I want to be able to ask questions about specific details of exams like the date and time so I know when exams are.</p>	<p>Exam link: Priority level: 4 As a student I want to be given a link to the exam schedule if I have not saved answer my questions so I can look up the information myself.</p>	<p>Accuracy to program offering status: Priority level: 4 As a future student to know if a program is being offered so that I can consider it as an option.</p>	<p>Exam registration questions: Priority level: 4 As a student I want to be able to ask questions about whether an exam is in person or online, and I know how to take the exam.</p>			
Priority 3	<p>Website questions: Priority level: 3 As a future student I want to be able to ask what the link website is and receive a link to the website so I know what the link is.</p>							
Priority 2	<p>Exam registration questions: Priority level: 2 As a student I want to be able to ask questions about whether an exam is in person or online, and I know how to take the exam.</p>	<p>Exam time details questions: Priority level: 2 As a student I want to be able to ask questions about specific details of exams like the date and time so I know when exams are.</p>						
Priority 1								

Product backlog for the first 2 sprints can be seen below, if requested an access link can be provided via email.

The screenshot displays the Jira Software interface for a project named '4P02 Chat Bot Applica...'. The main view is the 'CHAT board', which is a Kanban-style board. The left sidebar shows the project navigation menu with sections for 'PLANNING' (Roadmap, Board) and 'DEVELOPMENT' (Code, Project pages, Add shortcut, Project settings). The 'Board' view is selected. The main content area shows the 'CHAT board' with a search bar, a filter set to 'RB', and a dropdown for 'Epic'. The board is divided into three columns: 'TO DO', 'SPRINT 1 9 ISSUES', and 'SPRINT 2 9 ISSUES'. The 'TO DO' column has a '+ Create issue' button. The 'SPRINT 1 9 ISSUES' column contains six issues, each with a description, a label, and a checkbox. The 'SPRINT 2 9 ISSUES' column contains six issues, each with a description, a label, and a checkbox.

Column	Issue ID	Description	Label
TO DO		+ Create issue	
	CHAT-52	Database Storage	
	CHAT-53	Web Scraping	
	CHAT-41	Chatbot's interface(s) should be clean and concise	MAIN SCREEN
	CHAT-39	Chatbot application should include a menu/back button in its interface	MAIN SCREEN
	CHAT-32	User is able to access opening screen via interactable element (eg.button)	OPENING SCREEN
SPRINT 1 9 ISSUES	CHAT-37	User should be greeted with a list of chatbot's functionalities/commands	MAIN SCREEN
	CHAT-27	Textbox for user Input	USER TO ASK CHATBOT A QUESTION
	CHAT-44	The frame rate should be controllable to an extent (if we make an application)	FRAME RATE CONTROL
	CHAT-42	The optional feature menu should open with a button	OPTIONAL FEATURE MENU
	CHAT-40	Chatbot's main screen should maintain a scroll-able log of previous messages	MAIN SCREEN
	CHAT-50	Responsiveness indicator	
SPRINT 2 9 ISSUES	CHAT-43	The optional feature menu should close when clicked off	OPTIONAL FEATURE MENU
	CHAT-27	Bot to be able to prompt user for further clarification if question misunderstood	CHATBOT RESPONDS TO USER INQ...

4P02 Chat Bot Applica...
Software project

PLANNING NEW

Roadmap

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

Projects / 4P02 Chat Bot Application

CHAT board

RB Epic

TO DO

SPRINT 1 9 ISSUES

SPRINT 2 9 ISSUES

MAIN SCREEN

CHAT-39

User is able to access opening screen via interactable element (eg.button)

OPENING SCREEN

CHAT-32

User should be greeted with a list of chatbot's functionalities/commands

MAIN SCREEN

CHAT-37

Textbox for user input

USER TO ASK CHATBOT A QUESTION

CHAT-20

User should have access to question bar/input field

MAIN SCREEN

CHAT-38

Local area questions

CHAT-49

MAIN SCREEN

CHAT-40

Responsiveness indicator

CHAT-50

The optional feature menu should close when clicked off

OPTIONAL FEATURE MENU

CHAT-43

Bot to be able to prompt user for further clarification if question misunderstood

CHATBOT RESPONDS TO USER INQ...

CHAT-27

Response Sequences for Bot: Topic, Pattern, Response

CHATBOT RESPONDS TO USER INQ...

CHAT-25

Chat bot has database connection

CHATBOT RESPONDS TO USER INQ...

CHAT-24

Transportation questions

CHAT-48

You're in a team-managed project