



AI Learning Tool

Beta Presentation



Meet the Team

01

Vlad

02

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Context & Vision

- **IBM** is a global leader in AI, cloud computing, and enterprise solutions.
- **IBM SkillsBuild** helps students develop tech skills but can be overwhelming to navigate.
- **Our solution:** developing an AI-powered chatbot to:
 - 1) Provide course recommendations based on user interests.
 - 2) Answer questions about IBM SkillsBuild.
 - 3) Offer university advice.



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User Stories

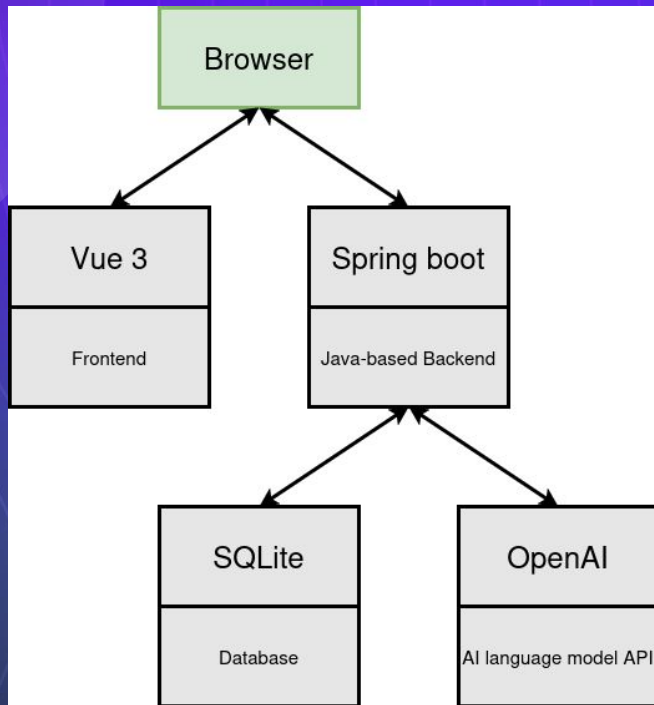
A

As a University of Bristol student, I want the chatbot to be able to give me advice if I am struggling with university life so that I am able to focus on my studies.

B

As a Computer Science student, I want to find good online courses with extracurricular knowledge, so that I could expand my skills and get some reputable certifications that will benefit my career.

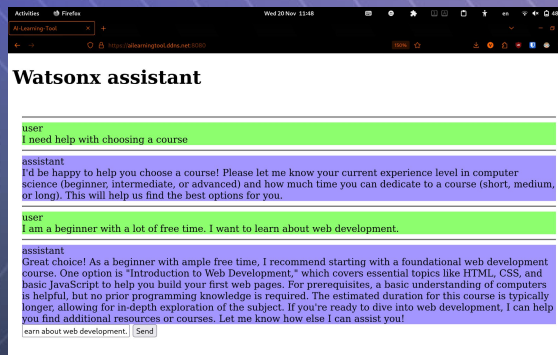
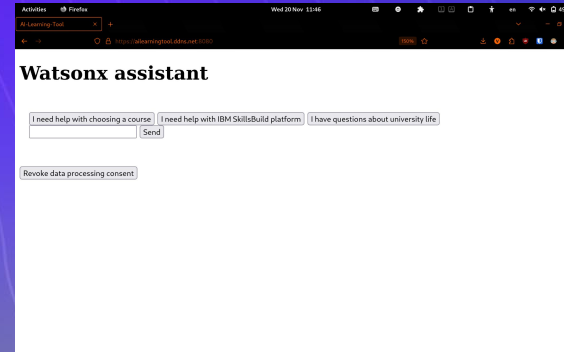
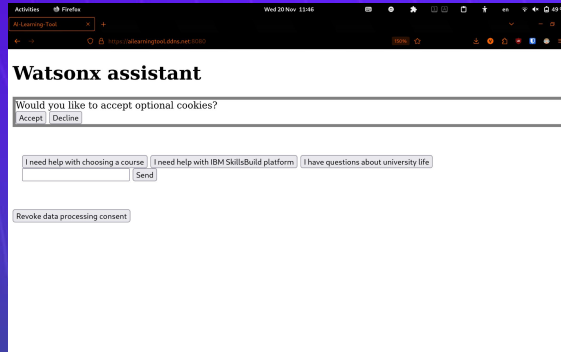
Tech Stack, CI/CD



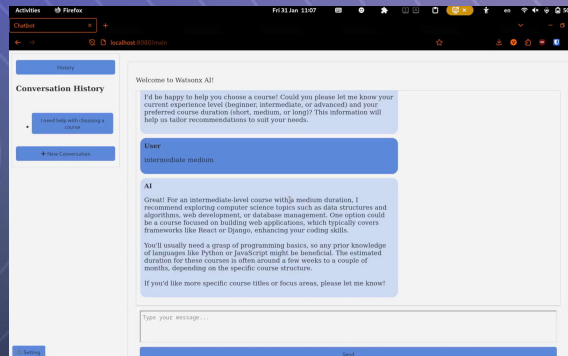
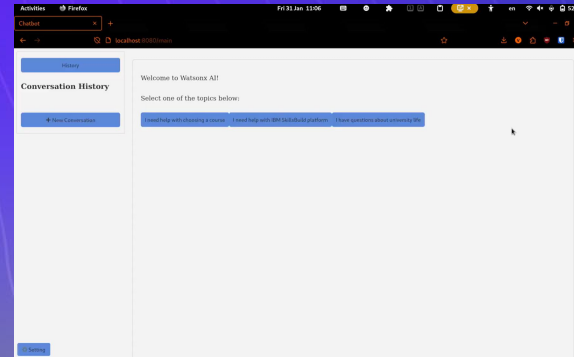
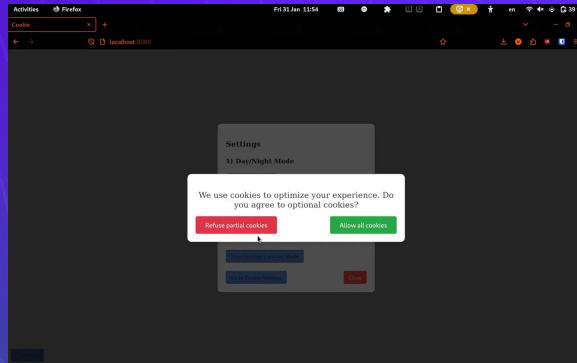
Maven



Iterative Design 1 (MVP)



Iterative Design 2 (Pre-Testing Day)





Demo

Testing Day Feedback

Apostrophes appear as question marks in chatbot responses.

UI felt unintuitive.

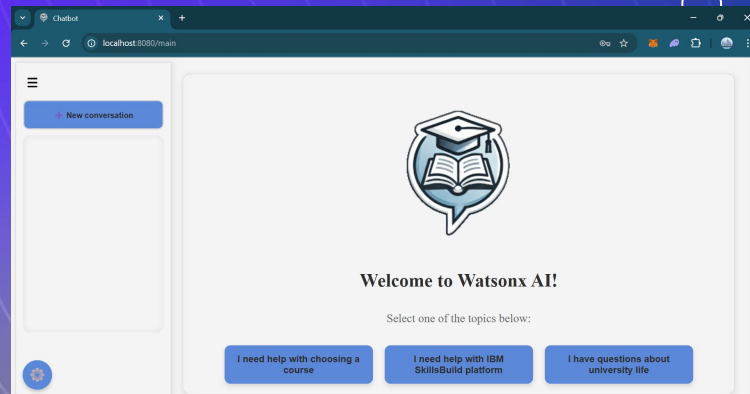
No support for multiple languages.

Duplicate responses when repeatedly pressing chat initialization buttons.

Testing Day Response

AI

I'd recommend the "Introduction to Artificial Intelligence (AI)" course for you. It





Client Feedback

“The demo was clear - the gui was equally clear, and I could see how the user would interact with the AI. The purpose looked clear - the user could see what the app could/shouldn't do and also the AI was implemented well - with a user friendly vernacular.”

What We've Learned



Problems:

1. **Group Separation**
2. **Unequal Workload**
3. **Lack of Communication**

Solutions:

- **Mixing Pair-Programing Groups**
- **Agile Sprints**



Plans for Final Release



- Code refactoring
- SQL database
- Responsive UI
- PWA
- Text-to-speech
- Image input
- Easter egg



Questions?