Opportunity and Significance

Fully understanding the material in college courses plays a significant role in how well students do academically. It is known already that students are encouraged to ask questions, but there are times where an immediate answer cannot always be provided. A solution to this issue can be valuable towards the academic success of college students.

Technical Objectives

• Develop a simple and convenient web application for students to utilize and share questions and answers regarding their college courses.
• Integrate a chatbot that provides immediate answers to student logistical and procedural questions when given the necessary information.

Related Work and State of Practice

Currently, Wayne State University utilizes Blackboard and Canvas to assist students with becoming more involved in their courses and provide a way for students and teachers to communicate course topics with one another.

Technical Approach, Accomplishments and Results

The process of developing the language understanding and information gathering of Amesite Chat Responder involved the incorporation of multiple methods for a seamless and automated experience for the user. When given the necessary information, Amesite Chat Responder is able to understand and provide answers to a wide variety of questions that students may ask regarding course material and topics.

Next Steps for Development and Test

Further research and development with Amesite Chat Responder will involve the improvement of natural language processing for question answering as well as advancement in the application's file parsing techniques.

Commercialization Plan & Partners

Amesite, inc. will be further developing the application to integrate with higher education Learning Management Systems.

In order to commercialize Amesite Chat Responder, the main hurdle would be receiving approval to incorporate the application into Learning Management Systems such as Canvas or Blackboard.