Final Assessment Proposal

Problem Statement:

The world of online learning is greatly expanding. Articles/lessons/information in general is often lengthy and difficult to consume. Approaching learning a new subject, diving into a new domain can be a difficult daunting process. Often times users need to understand concepts at a wide base level before they can dive deeper into specific concepts. Doing that in a lengthy lesson is daunting. My goal is to give users a tool they can use along side to enhance there learning.

Technical Solution:

Create an application that allows the user to submit a block of text and summarize the text. The goal is to retain as much valuable information as possible, allow the user to get a shorter version of there text and focus only on key concepts. The user will get a summarized version of text in x amount of words. Along with a list of key words/phrases/specific domain knowledge to know.

Glossary:

User – Ability to submit text and read responses.

Original Text – Original block of text. Since the goal is copy paste here original text needs to be formatted down so that it is easy for our model to consume (remove links/etc..)

Summarized Text – Key concepts, key words, key phrases, specific domain knowledge (domain in this context is focused on the context of the submitted text. Presented so that it is easy to consume.

High Level Requirements

Create user

Submit Text

Get Response

Stretch Goal- allow user to access history – similarly to how chat allows users to access past conversations