Requirements Analysis and User Stories

General Requirements
- Users will be able to store all past crash courses in their profile
- Users will provide a topic and an allotted amount of time and be provided with a self-learning course schedule along with resources
- Beyond two days, users will be able to add the course outline to their Google Calendar, customizing which dates they would like to learn

User Story #1:
After logging in using their Google account, User #1 would like a 5 minute crash course on American history. They would input their topic into the field, along with the amount of time they have to learn the subject. After doing so, the site will output a few paragraphs that could be read within five minutes, along with some references the user can review.

If everything goes as planned:
The user should be able to read the information within the allotted time. There will not be an option to add to the user's Google calendar, as it was only a five minute crash course. That crash course will then be added to the user's profile for the user to look back on.

If something goes wrong:
There may be a chance the output will take longer than five minutes to read, or the content may be inaccurate. There may also be an option for the user to add this to their calendar, which should not be the case given it is only a few minutes.

User Story #2:
User #2 wants a crash course on physics within a month. They will log in with their Google account and request the topic along with the amount of time they plan to learn. After doing so, a course outline will be displayed with resources along with an option to add the outline to their calendar.

If everything goes as planned:
The user will be provided with a course outline and resources to learn about physics in a month. When adding to their Google calendar, it will be separated daily on the specific days the user chooses. The resources will be accurate and realistic.

If something goes wrong:
If the user is not specific enough, there may be difficulty in communicating exactly what they would like to learn about physics. For example, if they simply want to learn about the history of physics with its most important research, they may instead be greeted with an outline similar to an intro to physics class.

<u>User Story #3:</u>
User #3 wants to learn Russian in eight months, to the best of their ability. Once again, after logging into their Google account they will enter the fields, specifying that they want to learn the language, and will be greeted with a course outline on how to speak Russian.

If everything goes as planned:
The user will have a course outline on how to speak Russian and the ability to add the outline to their calendar, split weekly. There will be specific resources on speaking the language, such as books, podcasts, and websites.

If something goes wrong:
Since it is a longer crash course, there may be issues communicating with Google Calendar and specifying exactly how they want the course split. The user should have the option to choose which weeks they would like to learn.