Use Cases and Logical Architecture

- XID: X00162027
- Name: Milan Murray
- Project Title: TomaNota

Section 1: For Each Use Case:

Title (goal)	Do a note learning session
Primary Actor	Student
Story	1. The student navigates to the website 2. The student connects to Google Drive 3. The student clicks on the topic they want to study 4. The student attempts to translate each of the prompts on the quiz until completion 5. The student reviews the results from the quiz and completes the learning session 6. The system stores the results of the session alongside the document 2a. The student continues without connecting to Google Drive

Title (goal)	Add an existing note document
Primary Actor	Student
Story	1. The student navigates to the website 2. The student connects to Google Drive 3. The student clicks the option to add an existing document 4. The student selects an existing file from their cloud storage 5. The file is read correctly and is added to the user's session 2a. The student continues without connecting to the cloud 4a. The student selects an existing file from their computer 5a. The file is not correctly formatted and is opened for editing 5b. The student corrects the errors in formatting and re-uploads the document 5c. The file is accepted or is edited again

Title (goal)	Review progress and results
Primary Actor	Student
Story	1. The student navigates to the website 2. The student connects to Google Drive and selects a document 3. The student clicks an option to view their quiz history on the document 4. The user is shown data that has been stored on the document regarding the difficult prompts percentage completeness 2a. The student uploads a document 4a. The document has no information stored yet and the student is prompted to begin a study session

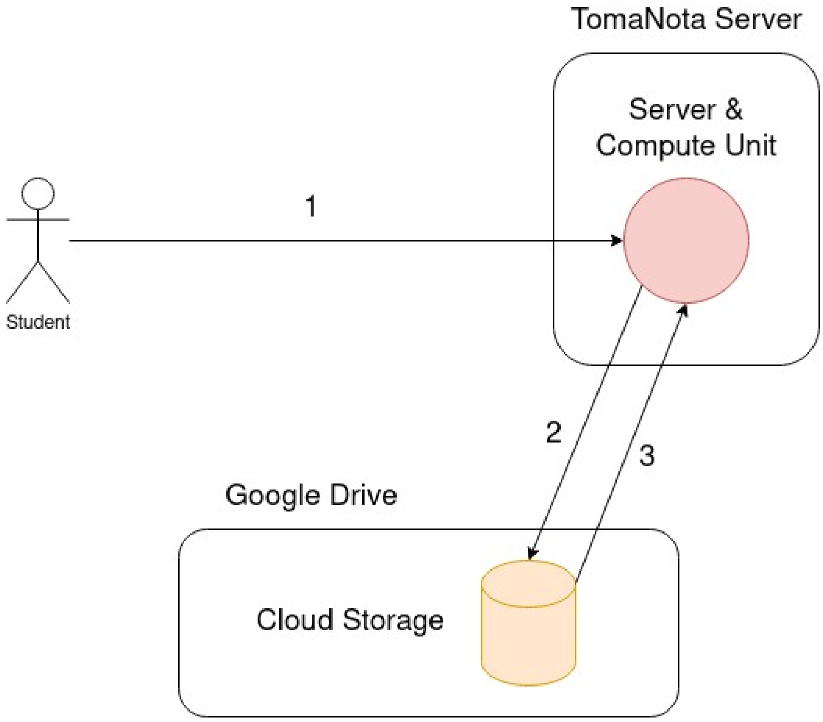
Title (goal)	Create new note document
Primary Actor	Student
Story	1. The student navigates to the website 2. The student clicks an option to create a new document 3. The student enters the content of the document into a form 4. The student submits the form to be processed by the system 5. The system correctly read each prompt from the form 6. The student uploads the document to their Google Cloud storage 6a. The student downloads the document to their computer

Title (goal)	Edit an existing document
Primary Actor	Student
Story	1. The student navigates to the website 2. The student connects to Google Drive 3. The student selects an option to edit an existing document 4. The system creates a form populated with the existing contents of the document 5. The student edits the form 6. The student submits the form 7. The system is able to read the form and updates the original document 2a. The student continues without connecting to Google Cloud 2a1. The student uploads one or more existing documents 7a. The system is unable to read the form and prompts the student to review the prompts that were detected

	7a1. The student re-edits the form

Title (goal)	Remove existing note documents
Primary Actor	Student
Story	1. The student navigates to the website 2. The student connects to Google Drive 3. The student clicks an option to remove a document saved in the cloud 4. The student acknowledges a risk of data deletion 5. The system deletes the file

Section 2: Logical Architecture



Logical Architecture Discussion

1. The student accesses the server via a web browser from a desktop or mobile device. The student may upload documents to be processed, or choose to authenticate the server to the google drive storage.
2. The server authenticates with the user's google drive storage. After authenticating the server can send CRUD HTTP requests to the google drive API to allow the student to access their documents and modify them.
3. The google drive API then replies to the request and communicates the data via HTTP back to the server for it to be processed.