

Team Members:

Tyler Dionne (tdionne2021@my.fit.edu), Kendall Kelly (kelly2021@my.fit.edu), Braden Corkum (corkumb2013@my.fit.edu)

Project Advisor:

Sneha Sudhakaran, ssudhakaran@fit.edu

Project Title:

FIT Automated Transfer Credit Evaluation

Client:

Sneha Sudhakaran

Website:

<https://tylerdionne.github.io/ATCE-FIT/index.html>

Milestone 2 Progress Evaluation

1. Progress of Current Milestone:

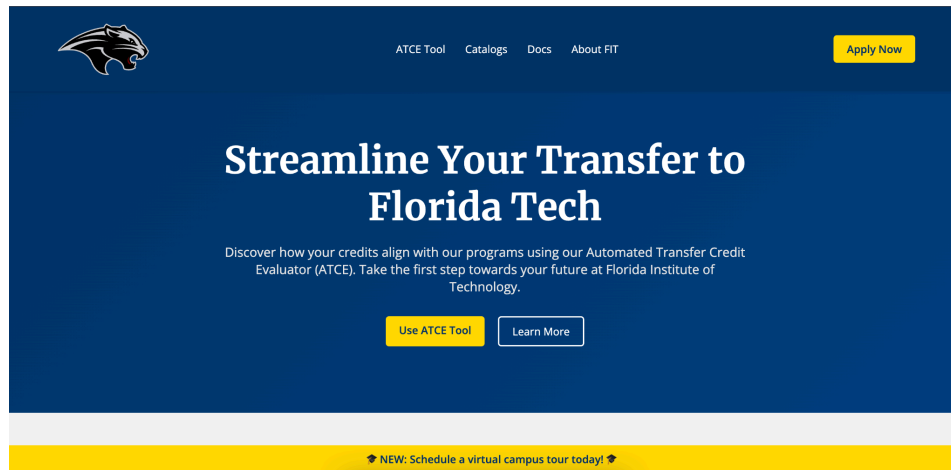
Task	Completion %	Tyler	Kendall	Braden	To Do
Begin implementation of the web app. Implement front end html & css. Begin implementation of user interface for the ACTE tool.	100%	50%	50%	0%	Need to work on back end implementation for the web application using MySQL along with adding finishing touches to the front end and UI for the tool.
Begin implementing the ACTE tool. File upload & processing logic for the ACTE tool.	100%	50%	50%	0%	Need to work on the algorithm that will do the checking with the received file and the catalog. Need to work on implementation of the results dashboard after

					the evaluation to show students the results.
--	--	--	--	--	--

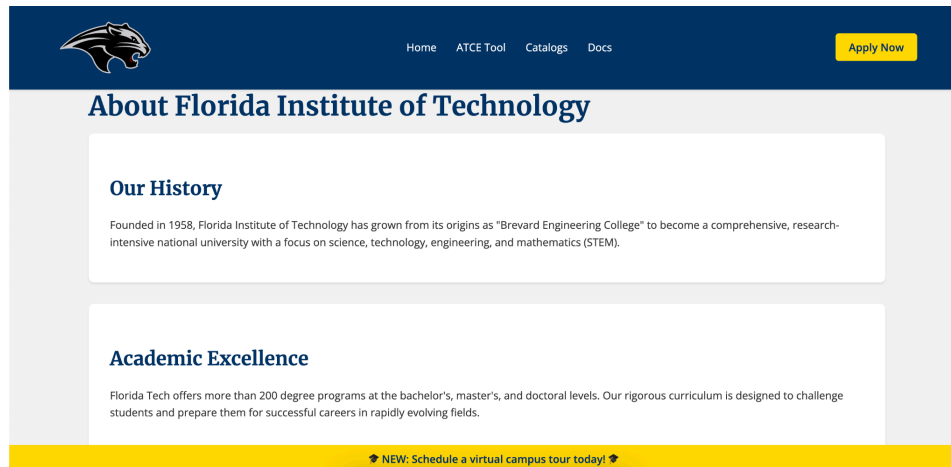
2. Discussion of Each Completed Task:

Implementation of front end of web application in html and css.

- Thus far the web application consists of the following different pages/files.
 - index.html (homepage with general information about the tool and a CTA)



- about.html (provides information on the school and the history of FIT)



- docs.html (contains the documentation/milestone progress documents for the project)

Documentation

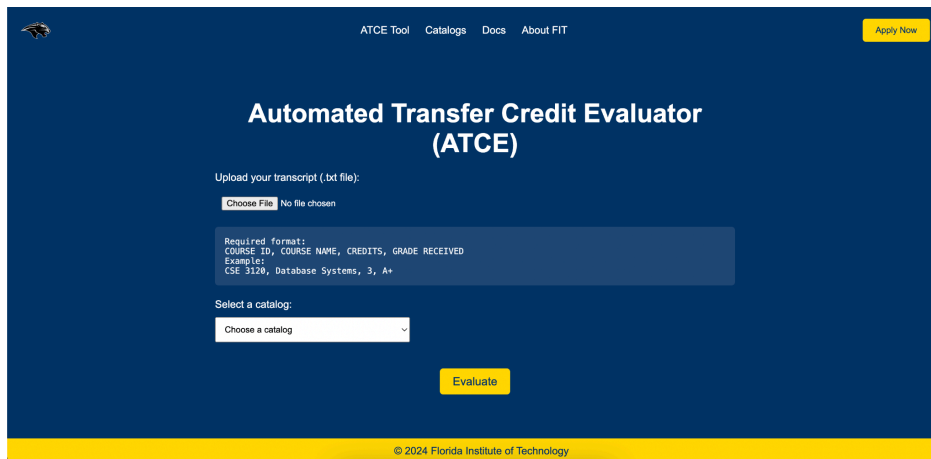
First Semester

Task	Due Date	Documents
Plan	Sep 4	Plan, Presentation
Milestone 1	Sep 30	Requirement, Design, Test, Presentation, Progress Evaluation
Milestone 2	Oct 28	View Presentation, Progress Evaluation
Milestone 3	Nov 25	View Presentation, Progress Evaluation

Second Semester

Task	Due Date	Documents
Plan	Sep 4	View Plan, Presentation

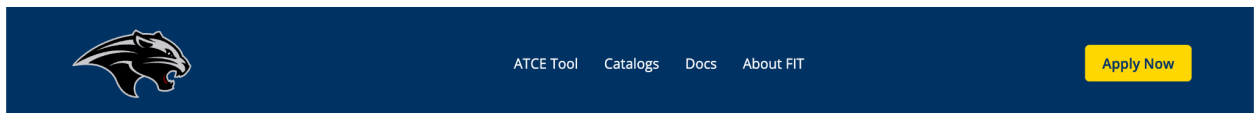
- atce.html (contains the tool itself directly on the web app)



The screenshot shows the ATCE web application interface. At the top, there is a navigation menu with links for 'ATCE Tool', 'Catalogs', 'Docs', and 'About FIT', along with an 'Apply Now' button. The main heading is 'Automated Transfer Credit Evaluator (ATCE)'. Below this, there is a section for 'Upload your transcript (.txt file):' with a 'Choose File' button and the text 'No file chosen'. A box provides the 'Required format: COURSE ID, COURSE NAME, CREDITS, GRADE RECEIVED' and an 'Example: CSE 3120, Database Systems, 3, A+'. Below this is a 'Select a catalog:' dropdown menu with the text 'Choose a catalog'. At the bottom of the form is an 'Evaluate' button. The footer contains the copyright notice '© 2024 Florida Institute of Technology'.

- (other documents, resources used by these files)

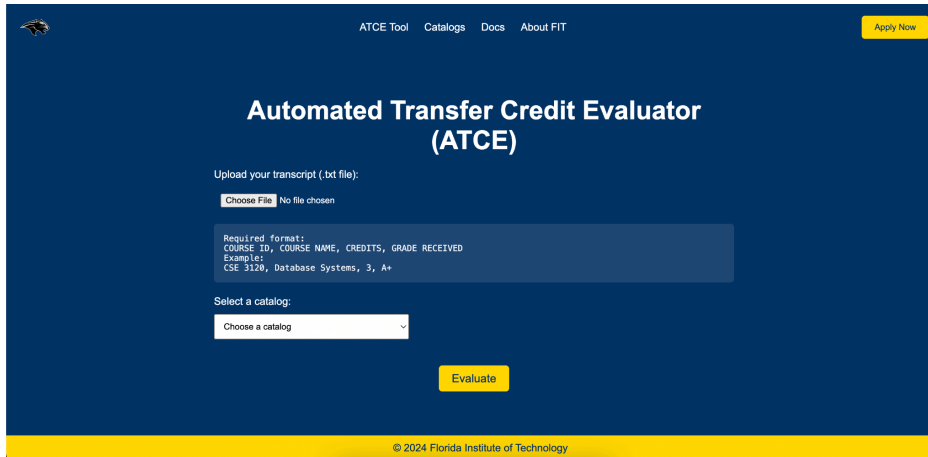
- A menu for simplified navigation was also implemented. Each button in the top menu is linked to the different pages. Catalogs is currently the only option on the menu with no link to another page because it has not been implemented yet.



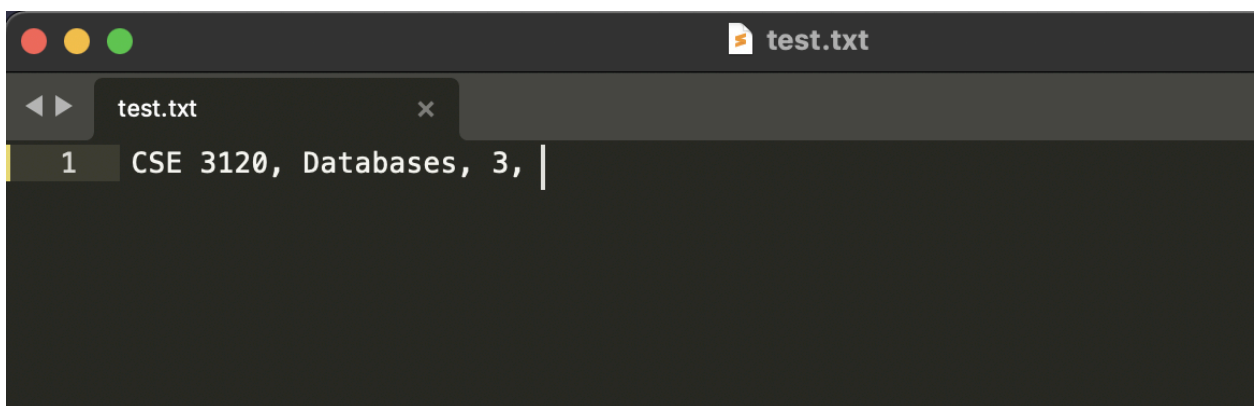
Implementation of User Interface for the ATCE.html tool

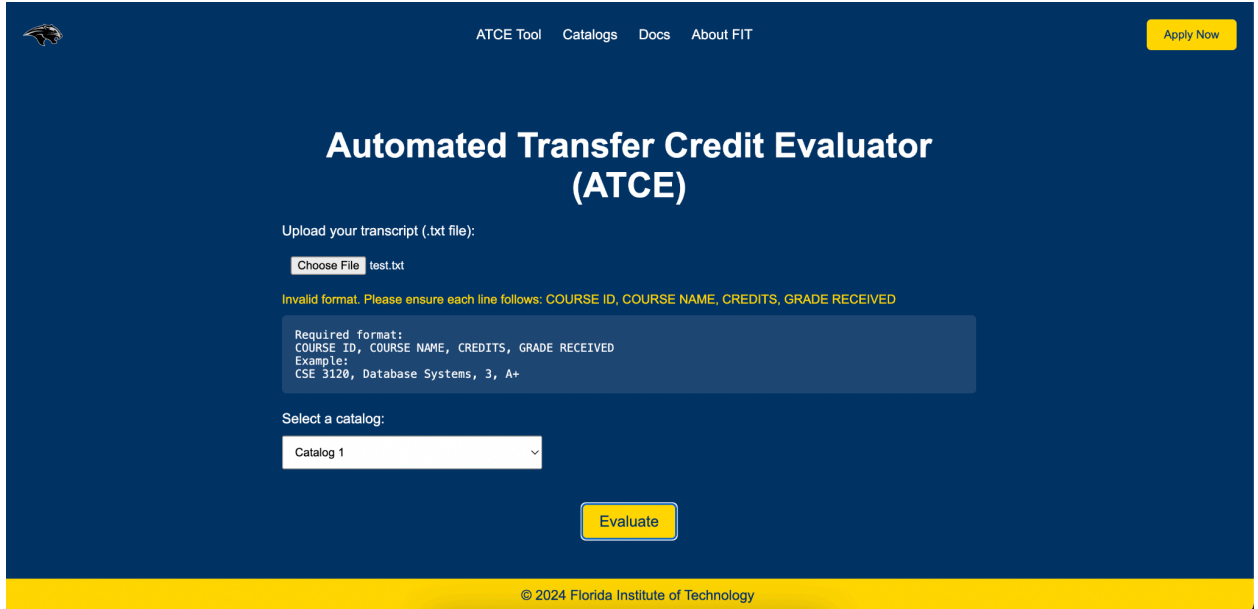
- A simple User Interface was implemented for the webpage that contains the ATCE tool.
- This User Interface should allow the user to:
 1. Upload a .txt file
 2. Select a FIT catalog from a drop down menu
 3. Press a button to evaluate their transcript with the FIT catalog

- To create a User Interface that would be simple, easy to use and aesthetically pleasing to the user we came up with:



- For simplicity we initially decided that only .txt files would be accepted with a specific format.
- Although this feature is subject to change, for an initial implementation having a simplified process for processing the transcript uploaded by the student will help work out other bugs and issues.
- Currently there exists a mechanism to only accept .txt files from the user, print out an error if it is an invalid format and provide an example of the required format inside of the .txt file. In addition, there is a script that will check the contents of the .txt file uploaded by the user and ensure it is in the correct format. If it is not it prints an error message.
- Below is a demonstration of being able to upload a .txt file to the tool, have the format checked and display an error message if the format is incorrect.





- This demo illustrates the initial implementation of the ATCE user interface along with the initial implementation of the ATCE tool itself. Although the current method of text processing and evaluation is simplified, this implementation will be the foundation of future plans and functionality.

3. Team Member Contribution of Milestone 2:

Tyler Dionne - Implemented the html for the file upload logic. Implemented the html to limit user file uploads to only .txt files. Came up with logic and html to validate format constraints in the user's file. Worked together on implementation of the home page (index.html) to make it both appealing, professional and simple. Came up with the overall ideas for the website design and structure. Worked together on coming up with the initial implementation of the ATCE tool. Worked together on small bugs and styling issues.

Kendall Kelly - Implemented the webpage for the documentation. Currently this webpage has the documents for the Senior Project class but in the future this may be turned into a page with actual documentation on the use of the tool and functionality. Implemented the webpage for the About FIT section which contains info about the school and its history. Worked together on implementation of the home page (index.html) to make it both appealing, professional and simple. Worked together on coming up with the initial implementation of the ATCE tool. Worked together on small bugs and styling issues.

Braden Corkum - N/A

4. Plan for Milestone 3:

Task	Tyler	Kendall	Braden
Web scraping of FIT catalogs off of the FIT website.	Tyler will work to implement a python program that will scrape a given catalog off the FIT website when selected by the user in the drop down menu.	Kendall will work to implement a python program that will scrape a given catalog off the FIT website when selected by the user in the drop down menu.	N/A
Talk to the registrar office and understand the reasons why they do and don't accept transfer credits.	Tyler will make an appointment to speak with an employee at the registrar office at FIT to gain insight on how to know when a class will be accepted on a transcript or not.	Kendall will make an appointment to speak with an employee at the registrar office at FIT to gain insight on how to know when a class will be accepted on a transcript or not.	N/A
Implement the catalog feature in the ATCE tool which will allow a user to select one of FIT's catalogs from the dropdown menu.	Tyler will work on implementing the catalog feature in the ATCE tool by using the scraping script created previously and connect it to the catalog drop down menu so when a student chooses the name of the catalog the script will go and scrape the necessary data from the catalog on FITs site.	Kendall will work on implementing the catalog feature in the ATCE tool by using the scraping script created previously and connect it to the catalog drop down menu so when a student chooses the name of the catalog the script will go and scrape the necessary data from the catalog on FITs site.	N/A

5. Date(s) of meeting(s) with Client during the current milestone:

- Once a week every two weeks

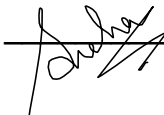
6. Client feedback on the current milestone:

- See Faculty Advisor Feedback below

7. Date(s) of meeting(s) with Faculty Advisor during the current milestone:

- Once a week every two weeks

8. Faculty Advisor feedback on each task for the current Milestone:


Faculty Advisor Signature:  Date: 10/25/2024

Evaluation by Faculty Advisor

Faculty Advisor: detach and return this page to Dr. Chan (HC 209) or email the scores to pkc@cs.fit.edu

Score (0-10) for each member: circle a score (or circle two adjacent scores for .25 or write down a real number between 0 and 10)

Tyler Dionne	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Kendall Kelly	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Braden Corkum	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10

Faculty Advisor Signature:  Date: 10/25/2024