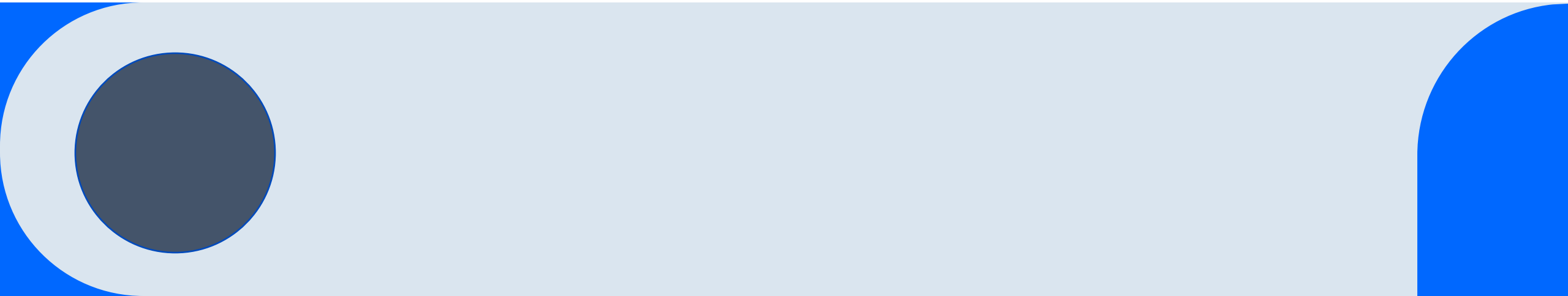




FIT Automated Transfer Credit Evaluation

Milestone 2 Progress Report



Project Overview

- Project: FIT Automated Transfer Credit Evaluation (ATCE)
- Team Members:
 - Tyler Dionne (tdionne2021@my.fit.edu)
 - Kendall Kelly (kelly2021@my.fit.edu)
 - Braden Corkum (corkumb2013@my.fit.edu)
- Project Advisor: Sneha Sudhakaran
- Website: [ATCE-FIT](<https://tylerdionne.github.io/ATCE-FIT/index.html>)



Current Progress



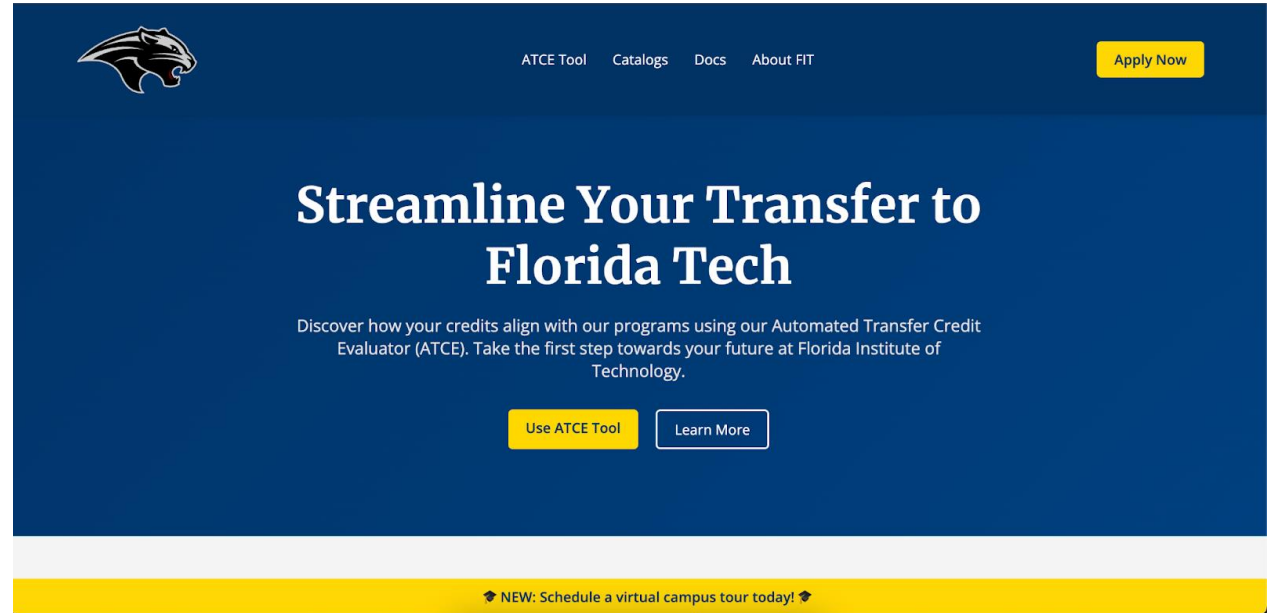
Implemented Features

- - Front-end HTML & CSS
- - User interface for ATCE tool
- - File upload & processing logic

Front-end HTML & CSS

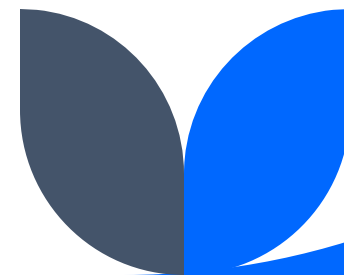
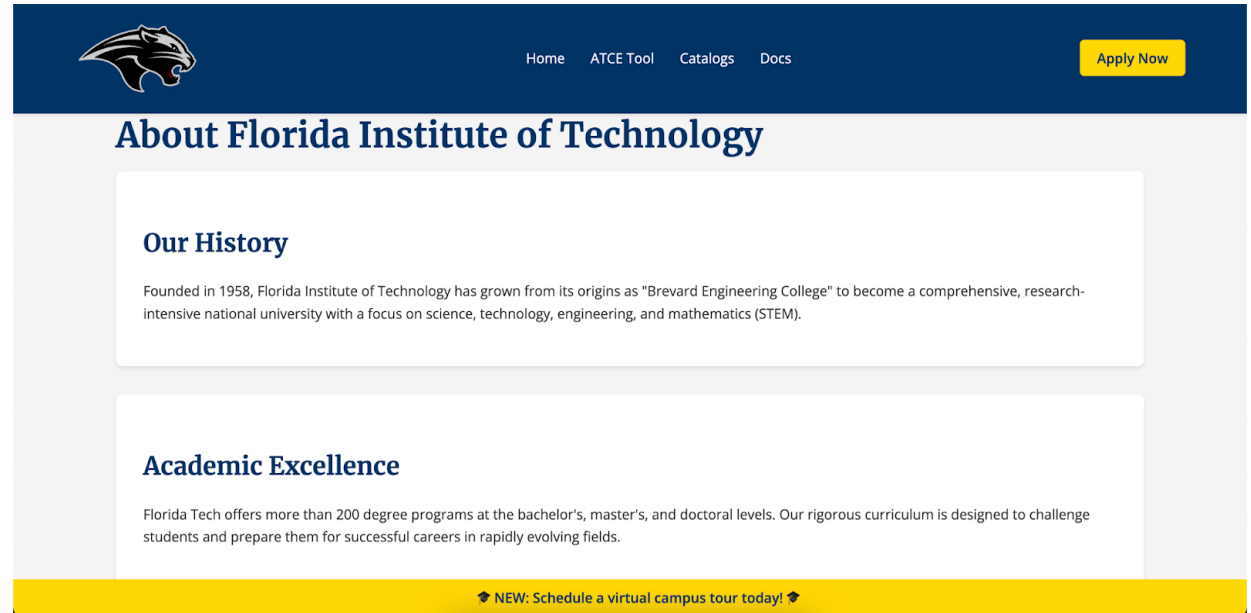
Our homepage (index.html) is developed to welcome the user and provide two buttons:

1. A call to action button to use the tool.
2. A learn more section which leads to the about.html page.



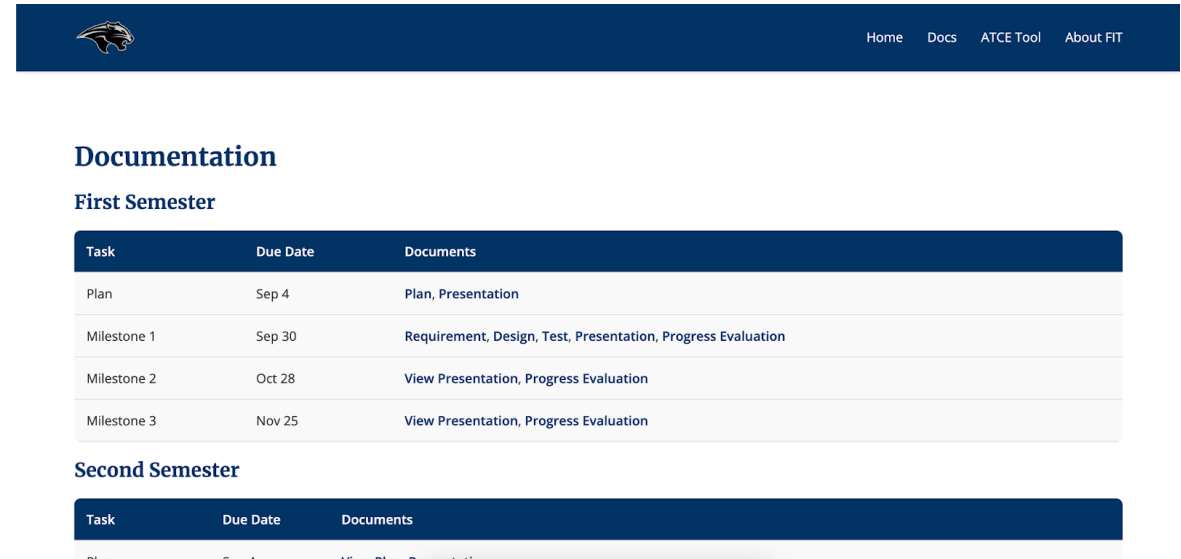
Front-end HTML & CSS

Our About page contains info Florida Tech and the history. This page will also contain info on the tool and how it works.



Front-end HTML & CSS

Our Docs page contains our documents for the project milestones but in the future this page will also contain documentation on the tool such as usage, format requirements etc.



The screenshot shows a website header with a dark blue background. On the left is a logo of a bird (likely a falcon). On the right are navigation links: Home, Docs, ATCE Tool, and About FIT. Below the header is a section titled 'Documentation' with a sub-section 'First Semester'. This section contains a table with three columns: Task, Due Date, and Documents. The table lists four rows: Plan (Sep 4), Milestone 1 (Sep 30), Milestone 2 (Oct 28), and Milestone 3 (Nov 25). Below this is a sub-section 'Second Semester' with another table, which is partially visible and shows a 'Plan' row with a 'Sep 4' due date.

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

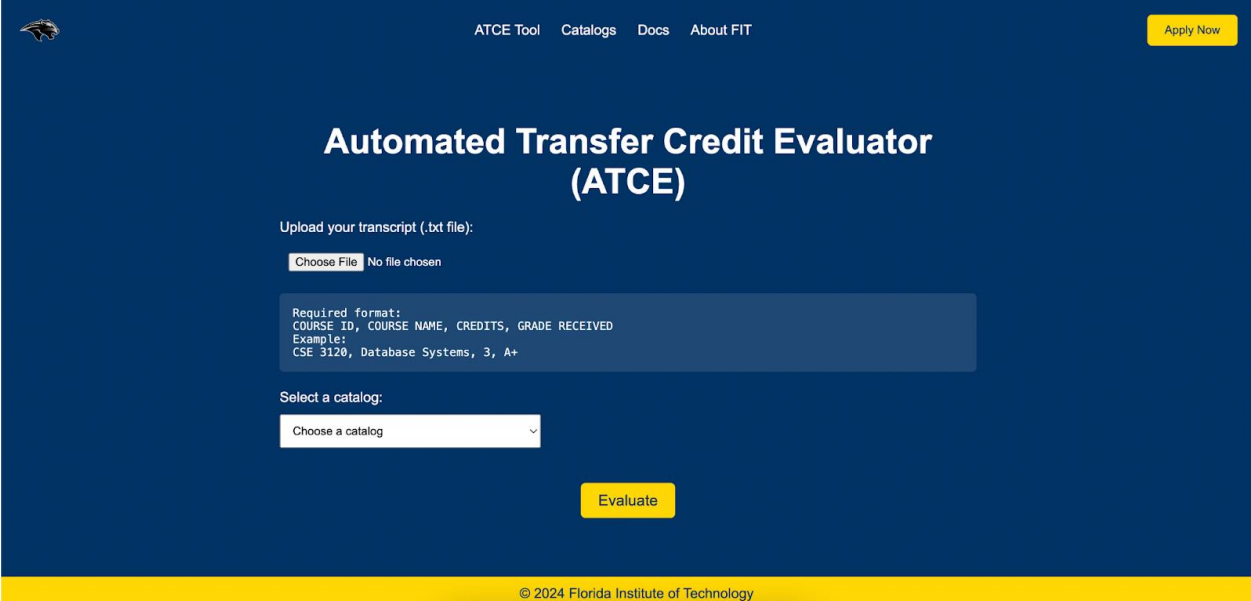
Task	Due Date	Documents
Plan	Sep 4	View Plan, Presentation



Front-end HTML & CSS

Our ATCE page contains our tool.

This is the main page of our website because this is the page where the user may use the transfer credit evaluator tool by uploading a file that meets the format specifications and choosing one of the available FIT catalog options from the drop down menu.

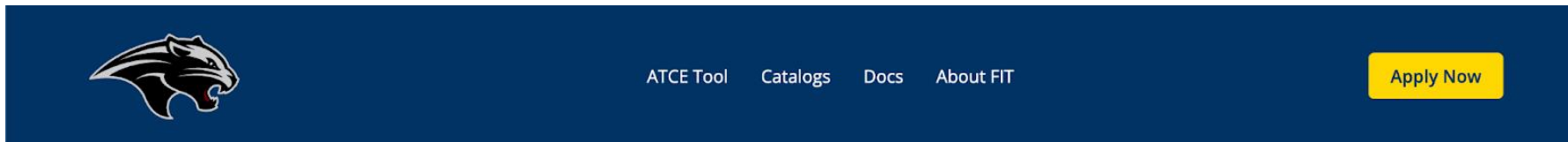


The screenshot displays the web interface for the Automated Transfer Credit Evaluator (ATCE). The page has a dark blue background with a yellow footer. At the top right, there are navigation links for "ATCE Tool", "Catalogs", "Docs", and "About FIT", along with a yellow "Apply Now" button. The main heading 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 light blue 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:" section with a dropdown menu labeled "Choose a catalog". A yellow "Evaluate" button is positioned at the bottom right of the form area. The footer contains the copyright notice "© 2024 Florida Institute of Technology".



Front-end HTML & CSS

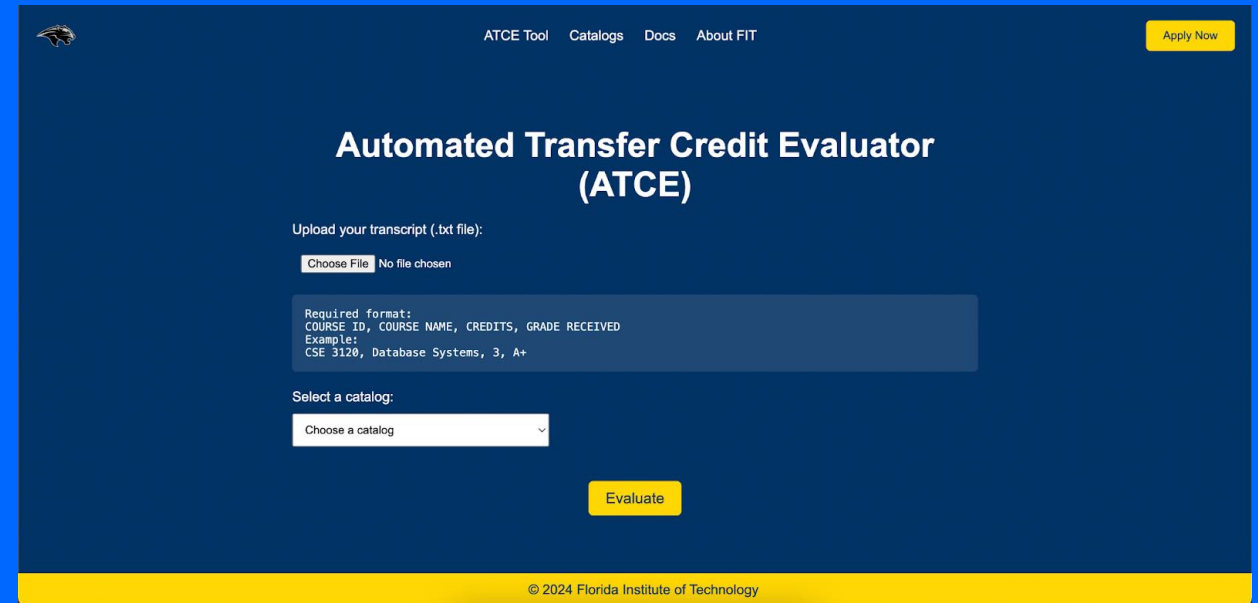
A menu for simplified navigation was also implemented. Each button in the top menu is linked to the different pages. Catalogs is currently the only option on the menu with no link to another page because it has not been implemented yet.



User interface for ATCE tool

A simple User Interface was implemented for the webpage that contains the ATCE tool.

1. This User Interface should allow the user to:
2. Upload a .txt file
3. Select a FIT catalog from a drop down menu
4. Press a button to evaluate their transcript with the FIT catalog



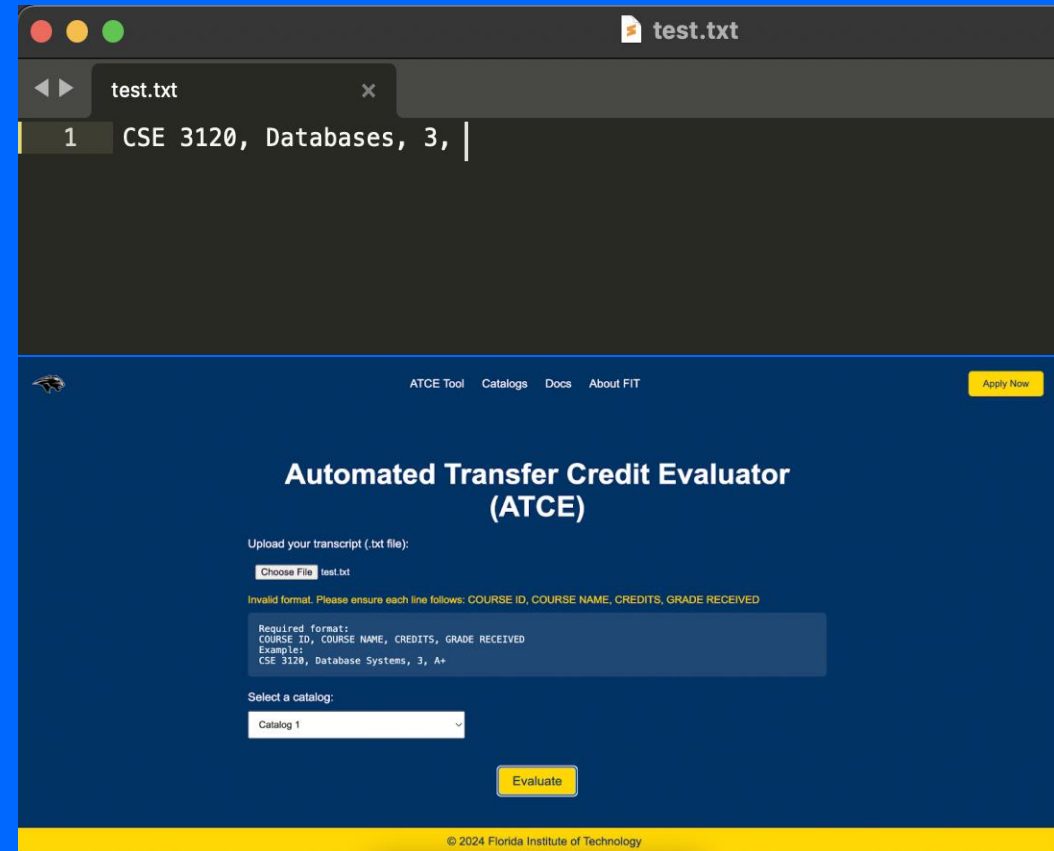
The screenshot shows the web interface for the Automated Transfer Credit Evaluator (ATCE). The page has a dark blue background with a yellow header and footer. The header contains navigation links: "ATCE Tool", "Catalogs", "Docs", and "About FIT", along with an "Apply Now" button. The main content area features the title "Automated Transfer Credit Evaluator (ATCE)" and a section for uploading a transcript. It includes a "Choose File" button, a "No file chosen" message, and a text box for the transcript content. Below this is a "Required format:" section with an example: "COURSE ID, COURSE NAME, CREDITS, GRADE RECEIVED" and "Example: CSE 3120, Database Systems, 3, A+". A "Select a catalog:" dropdown menu is also present, with a "Choose a catalog" option. An "Evaluate" button is located at the bottom right of the form area. The footer contains the copyright notice "© 2024 Florida Institute of Technology".

User interface for ATCE tool

For simplicity we initially decided that only .txt files would be accepted with a specific format. This will serve as the foundation for a more convoluted transcript processing feature in the future.

We implemented a script that will check if the .txt file the user uploads meets our format requirements and if not it prints an error.

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.



File upload & processing logic

The demo in the previous slide shows that the atce.html webpage:

1. Allows the user to upload a file (transcript)
2. Verifies that the uploaded file meets a specific format requirement

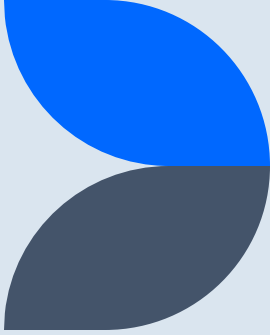
We see that the desired format is:

COURSE ID, COURSE NAME, CREDITS, GRADE RECEIVED
Example:
CSE 3120, Database Systems, 3, A+

The user uploaded a file without a GRADE RECEIVED field in the transcript and the format checking script was able to detect this and print an error message to the user.



Current Front End Structure



Pages Implemented:

index.html

about.html

docs.html

atce.html

Page	File	Purpose
Homepage	(index.html)	General information Call to Action
About Page	(about.html)	FIT information & history
Documentation	(docs.html)	Project Milestone Progress & ATCE Tool Documentation
ATCE Tool	(atce.html)	Main tool interface

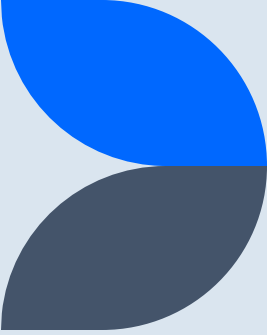
Features are subject to change and improvement in future milestones.

ATCE Tool Features

Current Implementation:

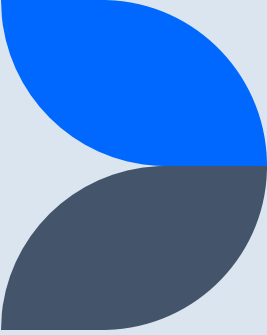
- - .txt file upload capability
- - Format validation system
- - Catalog selection dropdown
- - Error handling:
 - - Invalid format detection
 - - Error message display
- - Format example provision

Team Contributions



Tyler Dionne	Kendall Kelly
File upload logic implementation	Documentation webpage
Format validation system	About FIT section
Website design and structure	Homepage collaboration
Homepage collaboration	Tool implementation support
Tool implementation	Website design and structure

Future Plans (Milestone 3)



Web Scraping Development	Registrar Office Consultation	Catalog Feature Implementation
Python program for FIT catalog scraping	Understanding transfer credit criteria	Dropdown menu integration
Integration with catalog selection	Process documentation	Data scraping connection
		User interface updates

Questions

Contact Information:

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

Website:

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