
TCU Computer Science

ClassifAI User Manual

Version 1.0

[Note: Text enclosed in square brackets and displayed in blue italics (style=InfoBlue) is included to provide guidance to the author and should be deleted before publishing the document. A paragraph entered following this style will automatically be set to normal (style=Body Text).]

ClassifAI	Version: <1.0>
User Manual	Date: 05/06/2024
User Manual	

Revision History

Date	Version	Description	Author
05/06/2024	1.0	Initial User Manual	John Nguyen

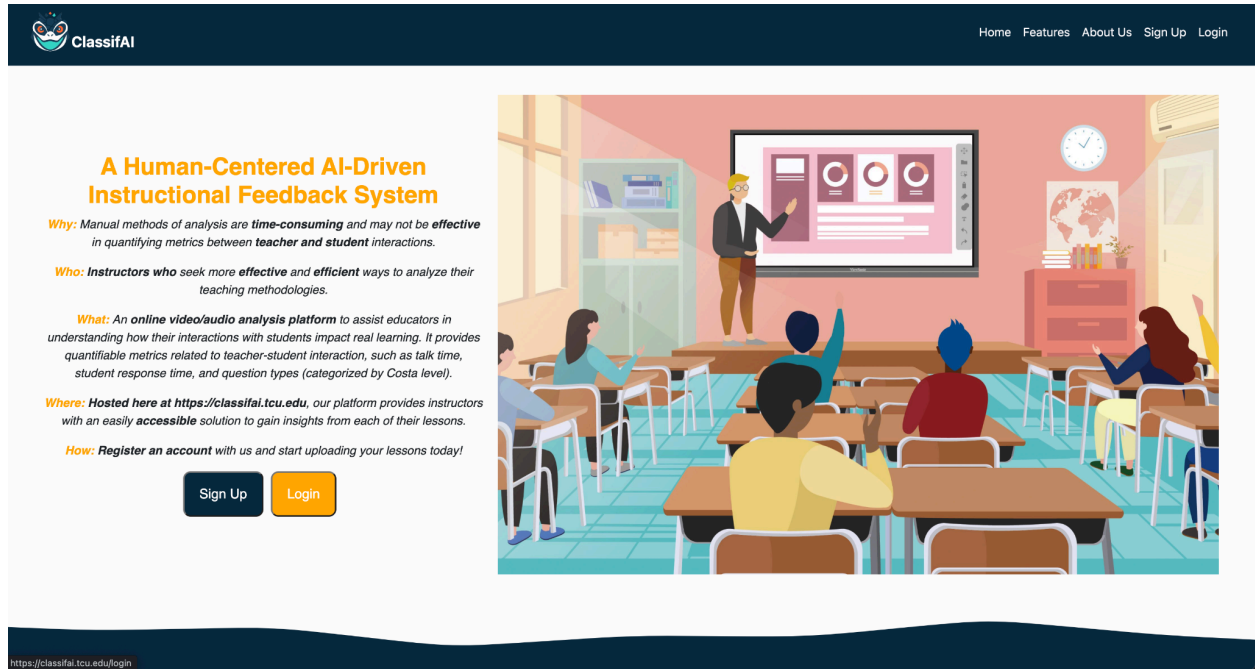
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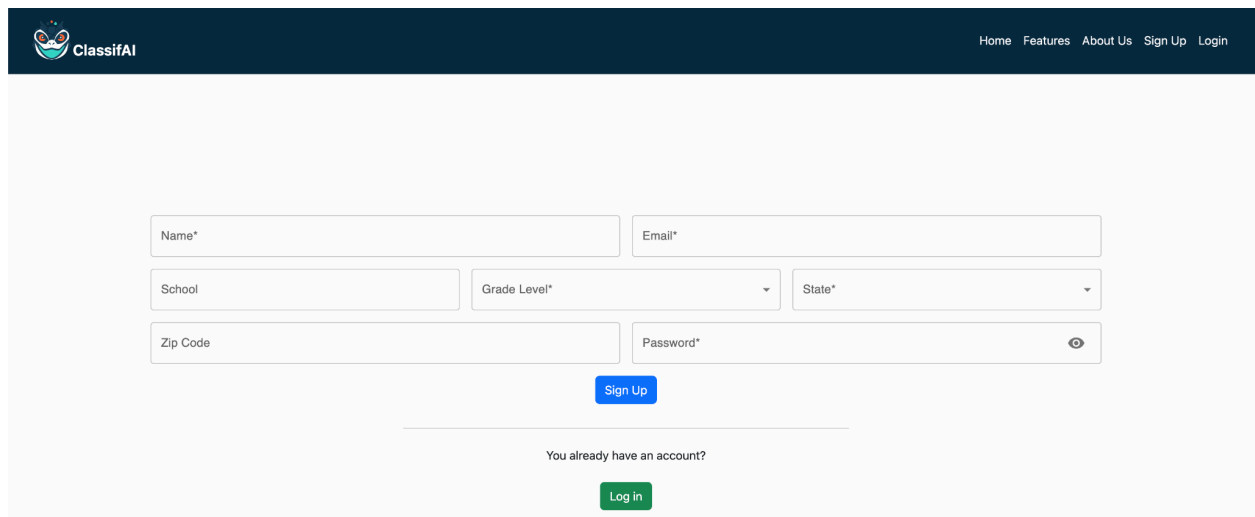
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User Manual

UC - 1: User creates a ClassifAI Account

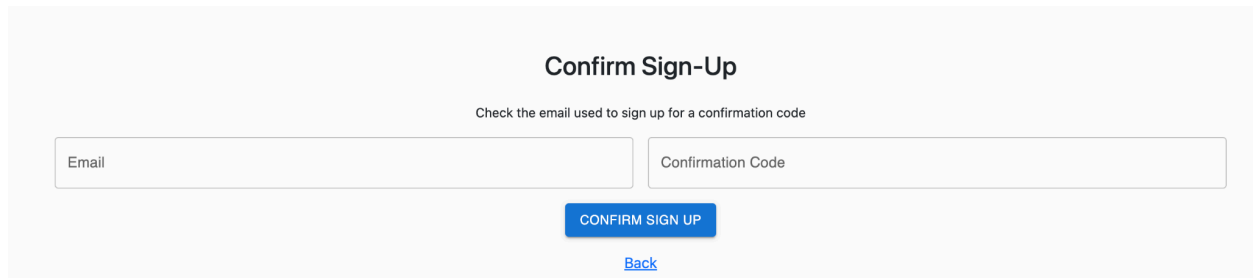


1. User can use the Sign Up button on the landing page or navbar to navigate to the sign up page.



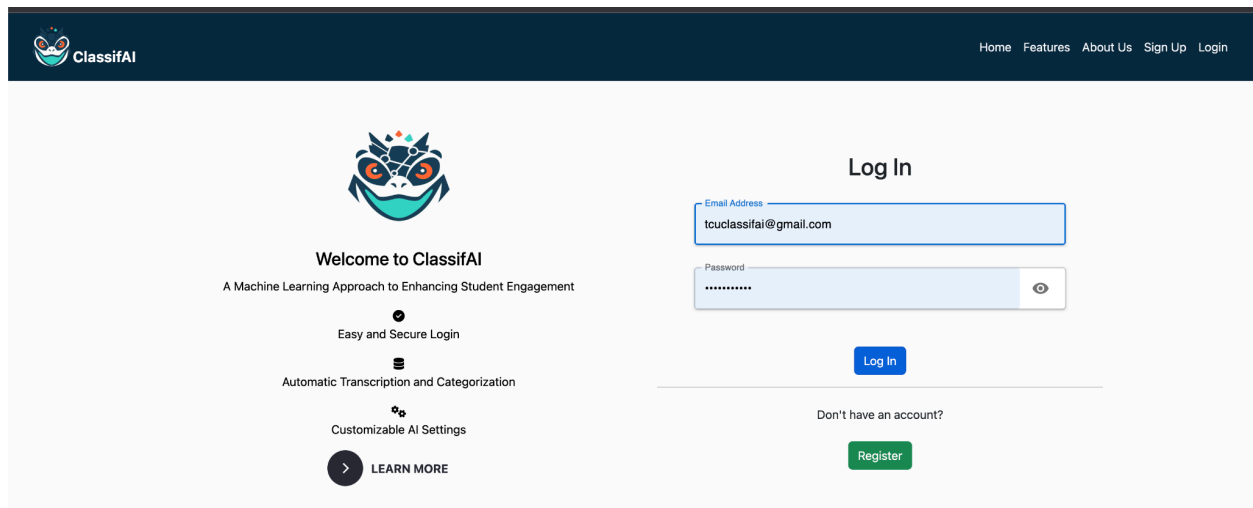
2. User fills out their account information including name, email, school, grade level, state, zip code, password. Password requirements: 8 characters, uppercase, lowercase, numbers, and symbols.

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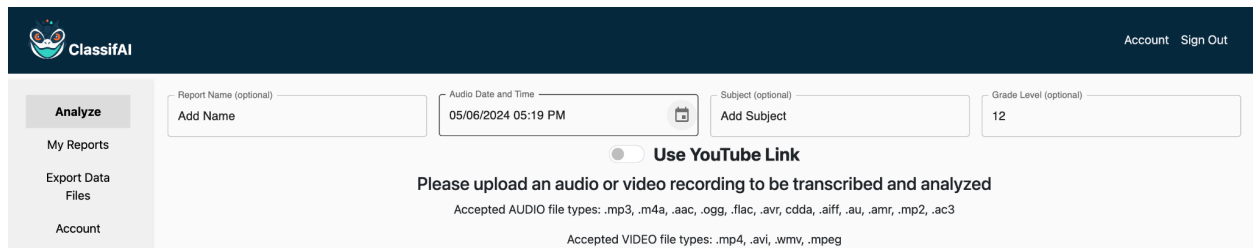
3. User inputs confirmation code from the provided email.

UC - 2: User logs in to main portal



1. User navigates to the Login screen from the navbar or landing page
2. User inputs their email and password
3. User clicks Login

UC - 3: User adds name, date time, subject, grade to a new report



1. After logging in and reaching the Analyze Page, the user can input (optionally) the Report name, Audio Date and Time (default is current date and time), Subject of the recording, and Grade Level (auto filled from account)

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UC - 4: User uploads audio/video/youtube to be transcribed and analyzed

Report Name (optional)

Audio Date and Time

Subject (optional)

Grade Level (optional)

Use YouTube Link

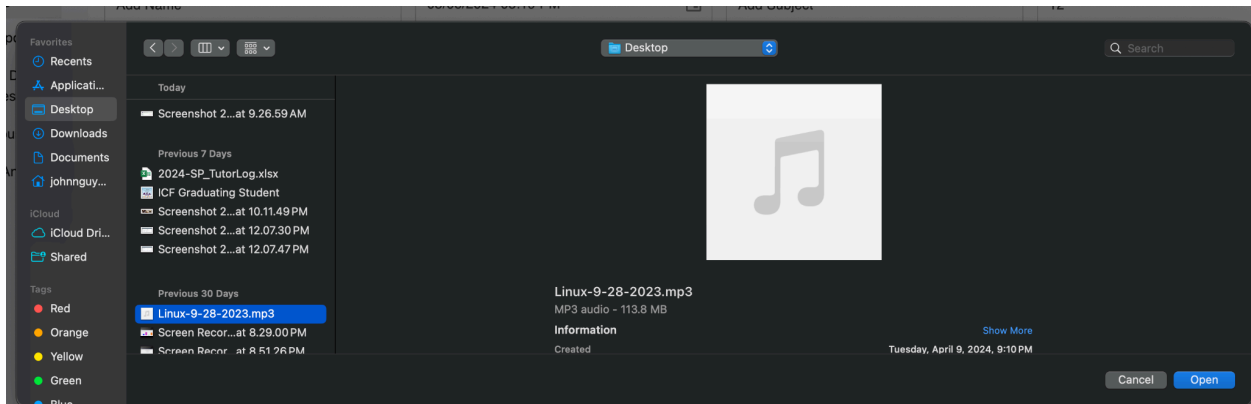
Please upload an audio or video recording to be transcribed and analyzed

Accepted AUDIO file types: .mp3, .m4a, .aac, .ogg, .flac, .avr, cdda, .aiff, .au, .amr, .mp2, .ac3

Accepted VIDEO file types: .mp4, .avi, .wmv, .mpeg

Privacy Disclaimer: A copy of any file uploaded is retained on our database for your ease of access in 'My Reports'.
Your data will not be used for training AI nor distributed elsewhere.

1. (Option 1) User clicks on Choose File



2. Option 1) User selects a supported file (.mp3, m4a, .aac, .ogg, .flac, .avr, cdda, .aiff, .au, .amr, .mp2, .ac3.mp4, .avi, .wmv, .mpeg) from their local machine

Report Name (optional)

Audio Date and Time

Subject (optional)

Grade Level (optional)

Use YouTube Link

Please paste a YouTube Link to be transcribed and analyzed

YouTube Link

3. Option 2) User selects Use YouTube Link slider and pastes YouTube link into field
4. User clicks Analyze Recording to upload

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UC - 5: User views analysis report visualizations

Analyze
My Reports
Export Data Files
Account
Legacy Analyze

Report Name (optional)

Audio Date and Time
05/02/2024 04:19 PM

Subject (optional)

Grade Level (optional)
12

Full Transcript
Talking Distribution
Word Visualization
Summarization
Question Categorization
Question Distribution
Question Timeline
Collapsed Timeline

Full Transcript

Click on a cell to edit

Start Time	End Time	Speaker (editable)	Text (editable)
00:00:01	00:00:02	Main Speaker	The Joe Rogan experience.
00:00:03	00:00:06	Speaker 1	And wondering what the potential for the future is and whether or not that's a good thing.
00:00:10	00:00:12	Main Speaker	I think it's going to be a great thing.
00:00:12	00:00:14	Main Speaker	But I think it's not going to be all a great thing.
00:00:14	00:00:21	Main Speaker	And that is where... I think that's where all of the complexity comes in for people.
00:00:21	00:00:25	Main Speaker	It's not this clean story of we're going to do this and it's all going to be great.
00:00:25	00:00:26	Main Speaker	It's we're going to do this.
00:00:26	00:00:27	Main Speaker	It's going to be great, but it's going to be like a technological evolution.

From our analysis, **Main Speaker** is the Teacher (based on greatest speaking time) and all other speakers are Students.
If this is not the case, please relabel the speakers in the "Full Transcript" box above to update this information.

- On a completed report, User can select different tabs to view different visualization and metrics (Full Transcript, Talking Distribution, Word Visualization, Summarization, Question Categorization, Question Distribution, Question Timeline, Collapsed Timeline)

UC - 6: User edits transcript speakers and/or sentence text

Full Transcript

Click on a cell to edit

Start Time	End Time	Speaker (editable)	
00:00:01	00:00:02	Main Speaker	The Joe Rogan experience.
00:00:03	00:00:06	<input style="width: 100px;" type="text" value="Joel"/> Change One Change All Occurrences	the fr
00:00:10	00:00:12	Main Speaker	
00:00:12	00:00:14	Speaker 1	
00:00:12	00:00:14	Main Speaker	But I think it's not going to be all a great thi
00:00:14	00:00:21	Main Speaker	And that is where... I think that's where all c
00:00:21	00:00:25	Main Speaker	It's not this clean story of we're going to dc
00:00:25	00:00:26	Main Speaker	It's we're going to do this.

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1. User can click on a speaker and rename it by typing or selecting from the dropdown.
2. User can select to change that sentence's speaker with Change One or all occurrences with Change All Occurrences

Start Time	End Time	Speaker (editable)	Text (editable)
00:00:01	00:00:02	Main Speaker ▾	The John Rogan experience.

3. User can click on a sentence to edit the sentence text

⚠ There are unsaved changes. Use 'Save Changes' to save them.

[Save Changes](#)

Report Name (optional) Audio Date and Time Subject (optional) Grade Level (optional)

[Full Transcript](#)
[Talking Distribution](#)
[Word Visualization](#)
[Summarization](#)
[Question Categorization](#)
[Question Distribution](#)
[Question Timeline](#)
[Collapsed Timeline](#)

Full Transcript

Click on a cell to edit

Start Time	End Time	Speaker (editable)	Text (editable)
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4. User clicks Save Changes from top or bottom of the screen to commit changes to database

UC - 7: User relabels question costa level

[Full Transcript](#)
[Talking Distribution](#)
[Word Visualization](#)
[Summarization](#)
[Question Categorization](#)
[Question Distribution](#)
[Question Timeline](#)
[Collapsed Timeline](#)

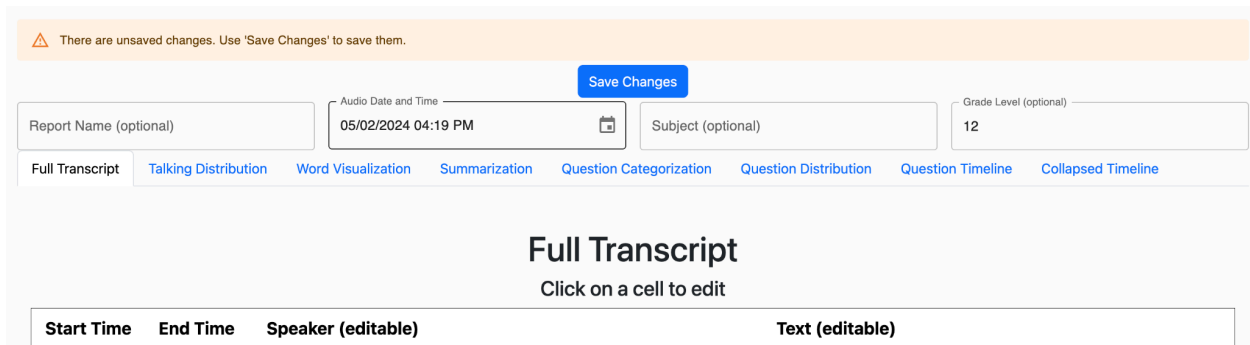
Question Categorization

Based on Costa Level

Start Time	End Time	Speaker	Question	Level
00:02:46	00:02:47	Main Speaker	Can you believe they didn't have modern medicine?	Low Level ▾
00:02:52	00:03:16	Speaker 1	When you think about the people that currently rely on jobs that AI will replace, when you think about whether it's truck drivers or automation workers, people that work in factory assembly lines, what, if anything, what strategies can be put to mitigate the negative downsides of those jobs being eliminated by AI?	High Level ▾
00:03:37	00:03:40	Speaker 1	What were your initial thoughts?	Medium Level ▾
00:06:44	00:06:45	Main Speaker	People are like, what are we doing today?	<div style="border: 1px solid black; padding: 2px;"> <input checked="" type="checkbox"/> NA <input type="checkbox"/> Low Level <input type="checkbox"/> Medium Level <input type="checkbox"/> High Level </div>

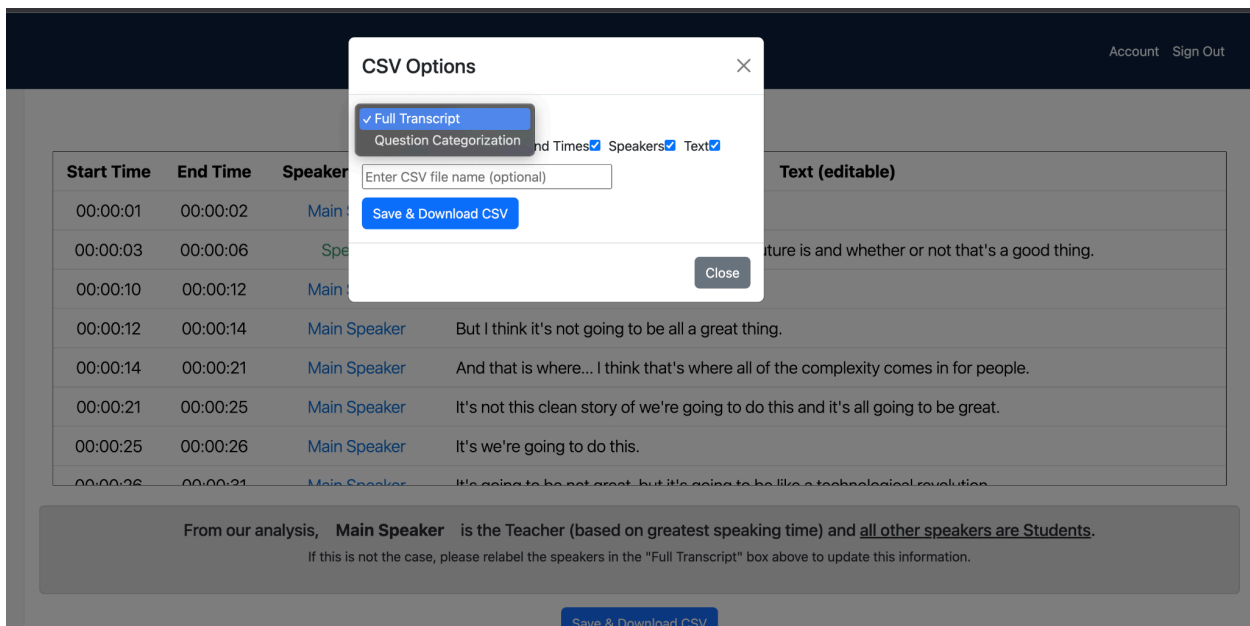
1. In the Question Categorization Tab, the user can view the questions and select the dropdown to relabel its costa level (NA for inconclusive, Low Level, Medium Level, or High Level)

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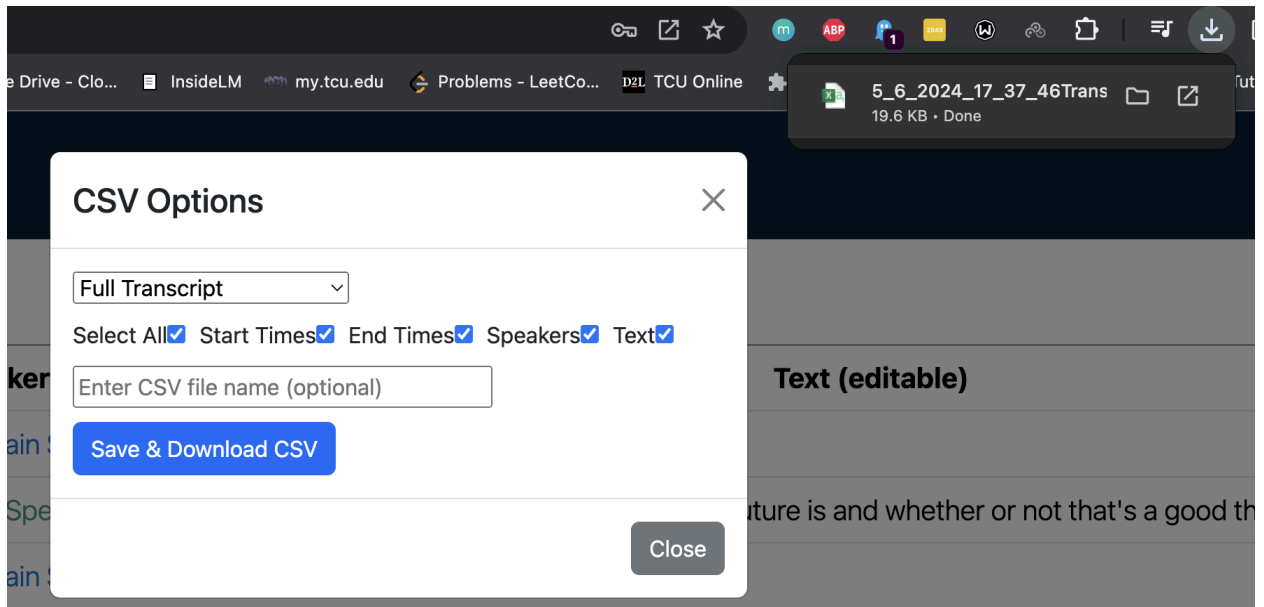
4. User clicks Save Changes from top or bottom of the screen to commit changes to database

UC - 8: User downloads and saves transcript/question categorization to .csv



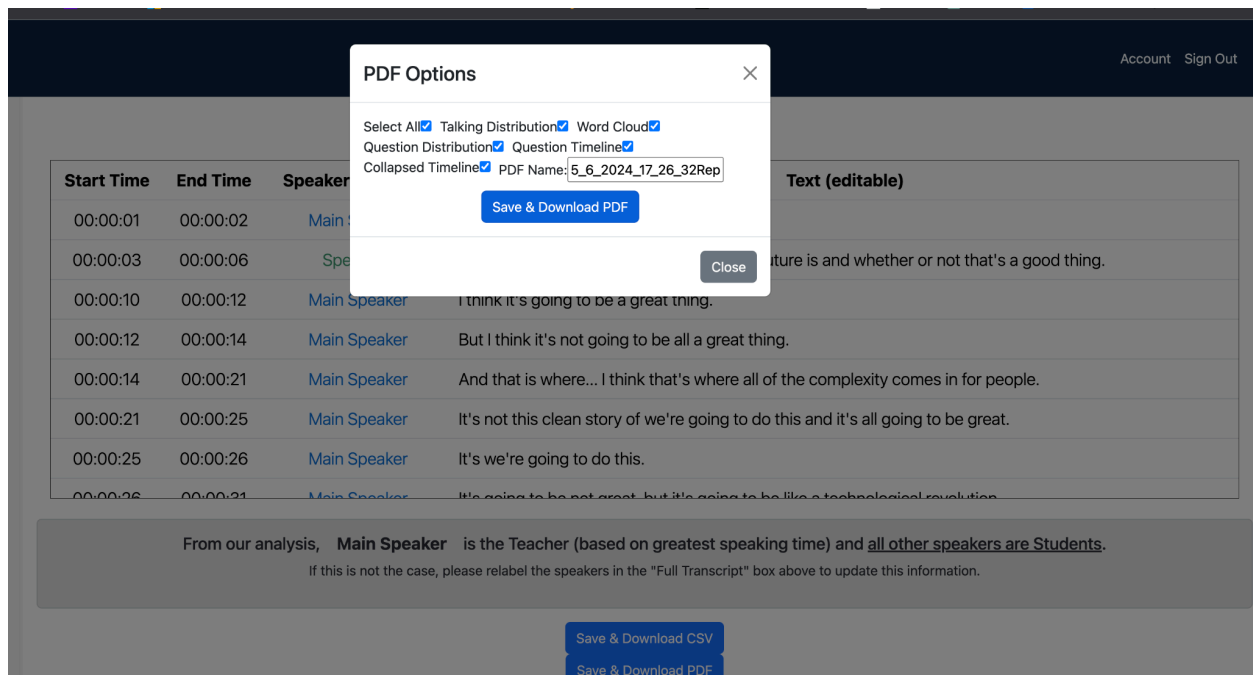
1. User clicks Save & Download CSV button to view CSV Options
2. User Selects dropdown for Full Transcript or Question Categorization
3. User selects checkboxes for desired column headers
4. (Optional) User inputs .csv file name

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5. User can view downloaded .csv

UC - 9: User downloads and saves visualizations to .PDF



1. User clicks Save & Download PDF button and views PDF options
2. User selects desired visualization checkboxes to include in PDF
3. (Optional) User inputs the PDF name
4. User can open downloaded PDF

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UC - 10: User saves Reports

Full Transcript
Click on a cell to edit

00:00:01	00:00:02	Edited	The Joe Rogan experience.
00:00:03	00:00:06	Speaker 1	And wondering what the potential for the future is and whether or not that's a good thing.
00:00:10	00:00:12	Edited	I think it's going to be a great thing.
00:00:12	00:00:14	Edited	But I think it's not going to be all a great thing.
00:00:14	00:00:21	Edited	And that is where... I think that's where all of the complexity comes in for people.
00:00:21	00:00:25	Edited	It's not this clean story of we're going to do this and it's all going to be great.
00:00:25	00:00:26	Edited	Changes were Made
00:00:26	00:00:31	Edited	It's going to be net great, but it's going to be like a technological revolution.

From our analysis, **Edited** is the Teacher (based on greatest speaking time) and all other speakers are Students.
If this is not the case, please relabel the speakers in the "Full Transcript" box above to update this information.

[Save & Download CSV](#)
[Save & Download PDF](#)
[Save Changes](#)

1. User can make changes to Report Name, Audio Date/Time, Subject, Grade, Transcript, or Question Categorization
2. User clicks Save Changes Button to save report changes

UC - 11: User views existing reports in a table

ClassifAI Account Sign Out

Analyze You may click on the column headers to sort, filter, search, or manage columns.

My Reports Hidden text can be viewed by hovering your mouse over them or by resizing the column.

Report Name	Audio Date/Time	Subject	Grade	Audio File	Status	Actions
	05-02-2024 08:50 pm		12	OpenAI CEO on Artificial I...	completed	EDIT DELETE LOAD YOUTUBE LINK
	05-02-2024 04:19 pm		12	OpenAI CEO on Artificial I...	completed	EDIT DELETE LOAD YOUTUBE LINK
	05-02-2024 04:04 pm		12	Reimagining Cities with P...	completed	EDIT DELETE LOAD YOUTUBE LINK
	05-02-2024 04:02 pm		12	The History of Museums: ...	completed	EDIT DELETE LOAD YOUTUBE LINK
	05-02-2024 01:36 pm		12	OpenAI CEO on Artificial I...	completed	EDIT DELETE LOAD YOUTUBE LINK
Spanish to English Phrases	05-02-2024 11:28 am		12	Spanish Conversation for ...	completed	EDIT DELETE LOAD YOUTUBE LINK
	05-02-2024 11:04 am		12	OpenAI CEO on Artificial I...	completed	EDIT DELETE LOAD YOUTUBE LINK
Japanese Youtube Short	05-01-2024 02:06 pm		12	アメリカで1番キラキラ...	completed	EDIT DELETE LOAD YOUTUBE LINK

1-8 of 60 < >

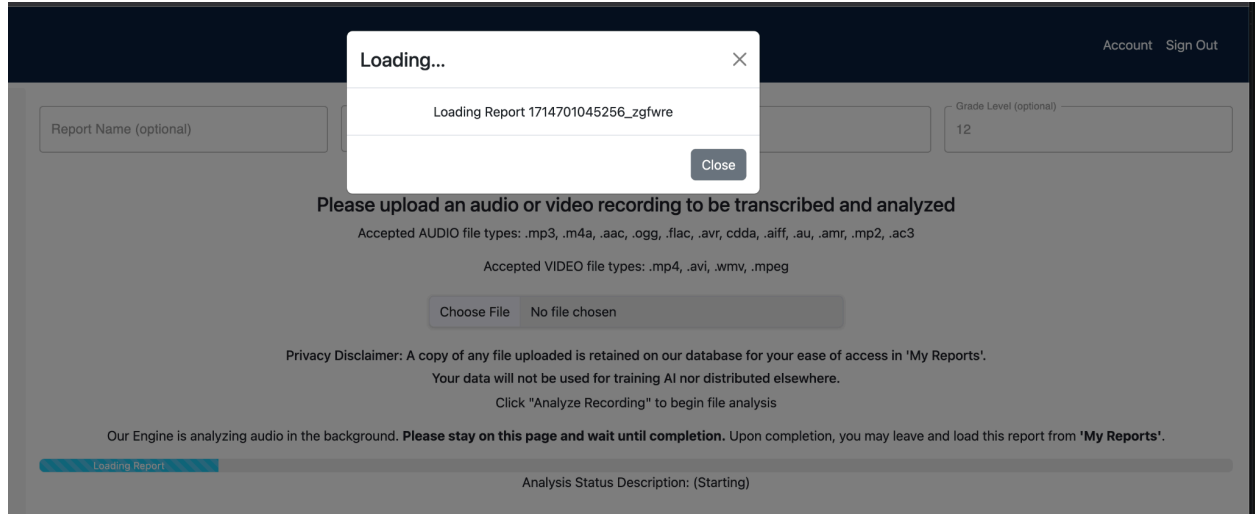
1. User can navigate to the My Reports page to view in a table report, all the saved reports (most recently uploaded will be at the top)

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UC - 12: User loads existing report

Report Name	Audio Date/Time	Subject	Grade	Audio File	Status	Actions
	05-02-2024 08:50 pm		12	OpenAI CEO on Artificial I...	completed	EDIT DELETE LOAD YOUTUBE LINK

1. User finds report to load in My Reports and loads it by clicking the Load button under Actions



2. User waits for report to load from database (may close the pop up window)
3. User views loaded report

UC - 13: User edits metadata of existing report from table

	05-02-2024 04:19 pm		12	OpenAI CEO on Artificial I...	completed	EDIT DELETE LOAD YOUTUBE LINK
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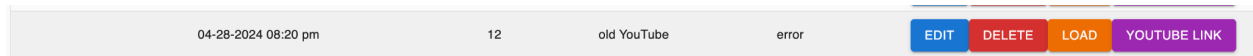
1. User finds a report to edit and clicks the Edit button under Actions

Report Name	Audio Date/Time	Subject	Grade	Audio File	Status	Actions
	05-02-2024 08:50 pm	Editing	12	OpenAI CEO on Artificial I...	completed	SAVE CANCEL DELETE LOAD YOUTUBE LINK

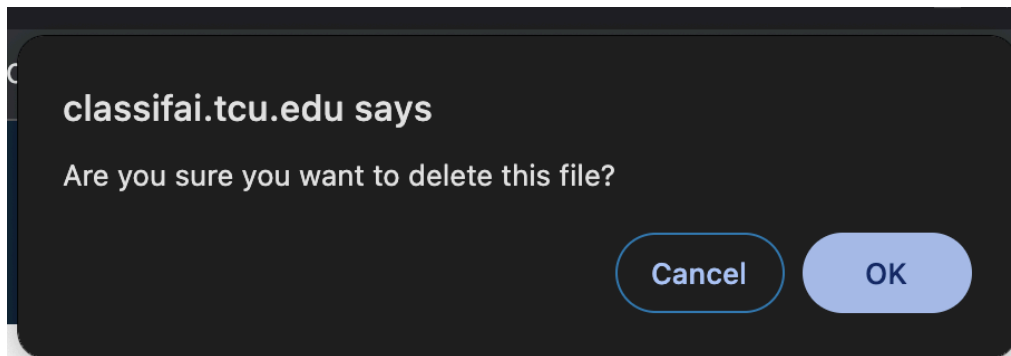
2. User edits Report Name, Subject, and/or Grade in their textfields
3. User clicks save or cancel button to save changes or cancel changes

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UC - 14: User deletes existing report



1. User selects report to delete and deletes it by clicking the DELETE button



2. User Clicks OK on browser pop up to confirm deletion or cancel

UC - 15: User views and downloads existing export data files (.csv or .pdf)

Report Name	Audio Date	Subject	Grade	File Name	File Type	Edit	Delete	Download
cold war	04-19-2024 13:15:21		12	4_19_2024_13_18_14Re...	pdf	EDIT	DELETE	DOWNLOAD
cold war	04-19-2024 13:15:21		12	4_19_2024_13_18_23Tra...	csv	EDIT	DELETE	DOWNLOAD
loops	04-19-2024 13:05:42		12	4_19_2024_14_20_48Tra...	csv	EDIT	DELETE	DOWNLOAD
loops	04-19-2024 13:05:42		12	4_19_2024_13_11_29Tra...	csv	EDIT	DELETE	DOWNLOAD
ALGO REPORT	04-19-2024 12:51:34		12	4_19_2024_13_0_31Report	pdf	EDIT	DELETE	DOWNLOAD
ALGO REPORT	04-19-2024 12:51:34		12	4_19_2024_13_0_38Tra...	csv	EDIT	DELETE	DOWNLOAD
Software	04-19-2024 12:37:10		12	4_19_2024_13_4_55Report	pdf	EDIT	DELETE	DOWNLOAD
Software	04-19-2024 12:37:10		12	4_19_2024_13_5_5Trans...	csv	EDIT	DELETE	DOWNLOAD

1. User views all downloaded export data files in the Export Data Files page
2. User selects file delete or download again

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UC - 16: User edits file names of saved export data files

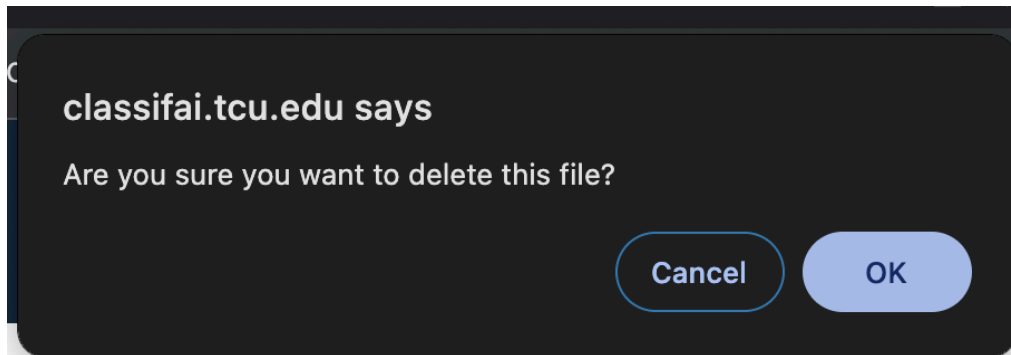
Report Name	Audio Date	Subject	Grade	File Name	File Type	Edit	Delete	Download
cold war	04-19-2024 13:15:21		12	Editing	pdf	SAVE	DELETE	DOWNLOAD

1. User selects file to edit and clicks the Edit Button
2. User edits file name
3. User clicks SAVE to save name change or refreshes page to ignore it

UC - 17: User deletes existing saved export data files

cold war	04-19-2024 13:15:21		12	4_19_2024_13_18_23Tra...	csv	EDIT	DELETE	DOWNLOAD
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1. User selects file to delete and clicks on the DELETE button



2. User confirms browser pop up with OK or cancel

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UC - 18: User views account information

ClassifAI

Teacher
Texas Christian
University

About Me

Full Name:

Email:

School:

Grade Level:

State:

Zip Code:

[Edit](#)

1. User navigates to Account page
2. User views information

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UC - 19: User edits account information

Analyze

My Reports

Export Data Files

Account

Legacy Analyze

ClassifAI

Teacher
Texas Christian University

About Me

Full Name

Email

School

Grade Level

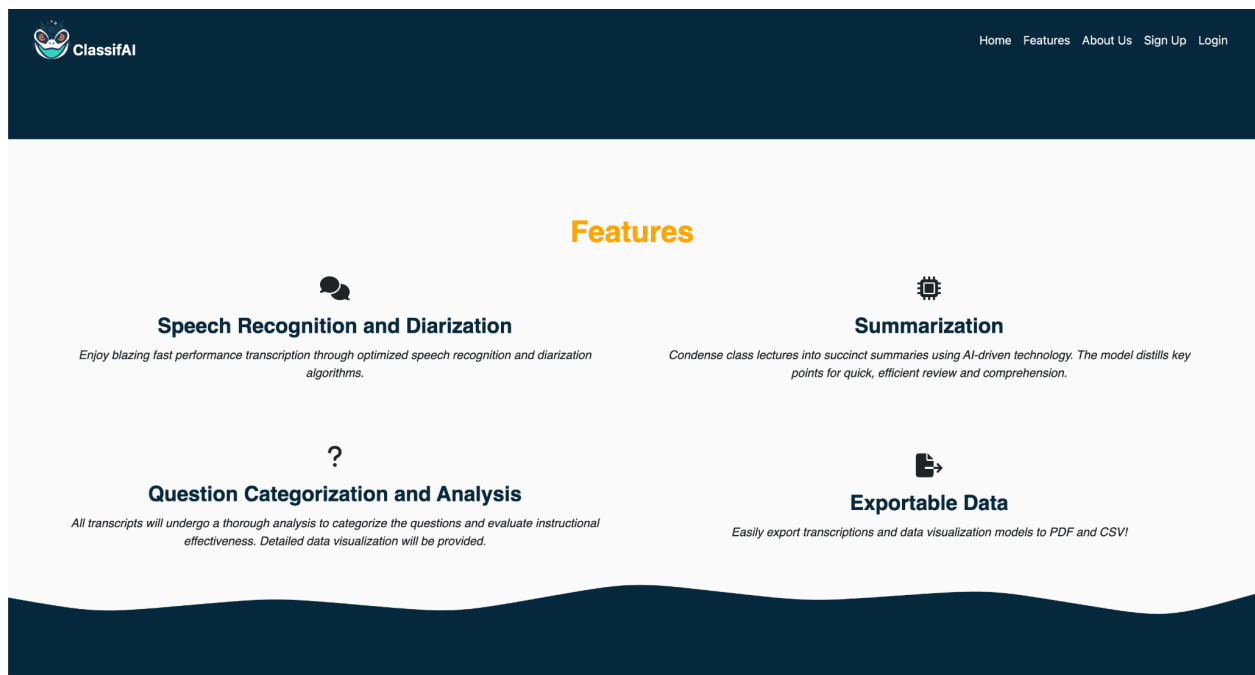
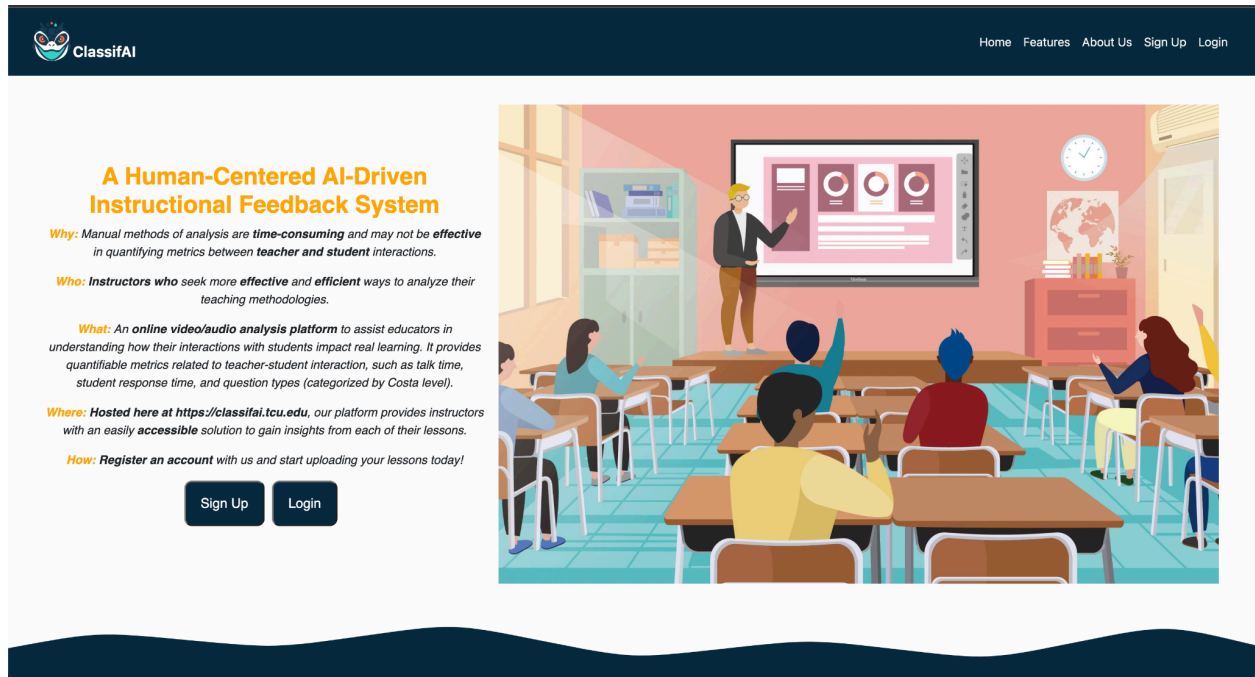
State

Zip Code

1. User navigates to Account page
2. User Clicks on Edit button
3. User edits desired information
4. User clicks submit to save changes

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UC - 20: User views product information on landing page



1. User can scroll or use the navbar on the landing/home page to view the features, costa level information, research, and/or developer team for the ClassifAI Project

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UC - 21: User views progress status of an analysis report

The top screenshot shows a form with fields for 'Report Name (optional)', 'Grade Level (optional)' (set to 8), and 'Subject (optional)'. A toggle for 'Use Youtube Link' is turned off. Below the form, it says 'Please upload an audio or video recording for transcription' and lists accepted file types. A file named 'court_audio (4) (2).mp3' is selected. A progress bar is at the bottom, labeled 'Transcribing' with a status description '(Transcribing audio)'.

The bottom screenshot shows the 'Use Youtube Link' toggle turned on. It says 'Please paste a Youtube Link to be transcribed and analyzed'. A YouTube link is pasted into the input field. A progress bar is at the bottom, labeled 'Aligning' with a status description '(Aligning audio)'.

1. After uploading a recording and starting an analysis, the user can view the live progress (downloading, start_transcribing, splitting, loading_nemo, transcribing, loading_align_model, aligning, diarizing, transcription_finished, extracting_questions, categorizing_questions, summarizing, combining_results, queued, failed, loading report, completed)

UC - 22: User manipulates table columns

Report Name	Audio Date/Time	Subject	Grade	Audio File	Status	Actions
Crash Course Neu	↑ Sort by ASC ↓ Sort by DESC	Statistics	8	Neural Networks: Crash ...	completed	EDIT DELETE LOAD YOUTUBE LINK
dwadwda	▼ Filter	newadad dad w a	10	React Material UI Tutorial ...	completed	EDIT DELETE LOAD YOUTUBE LINK
	🗄 Hide column		8	court_audio (10)	completed	EDIT DELETE LOAD DOWNLOAD AUDIO
Llama 3 Summary	☰ Manage columns	add	9	Introduction to Anatomy &...	completed	EDIT DELETE LOAD YOUTUBE LINK

1. User can click on column header dots to view column features
2. User can sort ASC or DESC

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The screenshot shows a table with columns: Report Name, Audio Date/Time, and Subject. A filter dropdown menu is open over the 'Audio Date/Time' column. The menu has three sections: 'Columns' with a close button (X) and 'Audio Date/Time' selected; 'Operator' with a list of conditions; and 'Value' with a 'Filter value' input field. The table rows are partially visible behind the menu.

Report Name	Audio Date/Time	Subject
dwadwda	12 pm	newadad dad w a
	14 pm	
Llama 3 Summary Test edit	10 pm	add
Mixed Spanish and English	12:46	
	12:04	

Filter dropdown menu options:

- Columns: X Audio Date/Time
- Operator: contains (selected), equals, starts with, ends with, is empty, is not empty, is any of
- Value: Filter value

3. User can filter a column by different conditions

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Hidden text can be viewed by hovering your mouse

Report Name	Audio Date/Time	Grade	Audio File	Status
Crash Course Neural Net...	04-25-2024 07:40 pm	8	Neural Networks: Crash ...	completed
dwadwda	04-25-2024 12:32 pm	10	React Material UI Tutorial ...	completed
	04-24-2024 03:24 pm	8	court_audio (10)	completed
Llama 3 Summary Test edit	04-24-2024 05:40 pm	9	Introduction to Anatomy &...	completed
Mixed Spanish and English	04-22-2024 09:32:46	8	100 Spanish Phrases for ...	completed
	04-22-2024 09:22:04	8	Immune System, Part 1: ...	completed
	04-20-2024 19:08:11	8	HISTORY OF IDEAS - Ro...	completed
iPad test	04-20-2024 00:00:00	8	HISTORY OF IDEAS - Ro...	completed

4. User can hide columns

Report Name Audio Date/Time

Search

- Report Name
- Audio Date/Time
- Subject
- Grade
- Audio File
- Status
- Actions

Show/Hide All RESET

5. User can bring back or hide columns in Manage Columns

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Report Name ↑	Audio Date/Time
Crash Course Neural Networks	04-25-2024 07:40 pm
dwadwda	04-25-2024 12:32 pm
	04-24-2024 03:24 pm
Llama 3 Summary Test edit	04-24-2024 05:40 pm
Mixed Spanish and English	04-22-2024 09:32:46
	04-22-2024 09:22:04
	04-20-2024 19:08:11
iPad test	04-20-2024 00:00:00

6. User can resize a column with the slider

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UC - 23: User resets password

The screenshot shows the ClassifAI login interface. On the left, there is a logo of a stylized owl and a 'Welcome to ClassifAI' message with the tagline 'A Machine Learning Approach to Enhancing Student Engagement'. Below this are three features: 'Easy and Secure Login', 'Automatic Transcription and Categorization', and 'Customizable AI Settings', each with an icon. A 'LEARN MORE' button is at the bottom left. On the right, the 'Log In' section contains an 'Email Address' field with 'tcuclassifai@gmail.com' and a 'Password' field with masked characters. A red error message 'Username or password is incorrect' is displayed below the password field. Below the error message are 'Reset Password' and 'Log In' buttons. At the bottom right, there is a 'Don't have an account?' link and a 'Register' button.

1. User incorrectly attempts a login (bad password)
2. User clicks Reset Password Button


The screenshot shows the 'Password Reset' page. The title 'Password Reset' is centered at the top. Below the title, the instruction 'Password must be 8 characters with uppercase, lowercase, numbers, and symbols.' is displayed. A large text input field labeled 'Email Address *' is positioned below the instruction. At the bottom center of the page is a blue button labeled 'SEND CONFIRMATION CODE'.

3. User inputs email to send confirmation code

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Please check your email for the confirmation code.

Please check your spam folder if no code is sent.



[CONFIRM RESET PASSWORD](#)

4. User inputs confirmation code from email
5. User inputs new password with required criteria: Password must be 8 characters with uppercase, lowercase, numbers, and symbols.
6. User can login after successfully changing password