Task	Control type	Expectation	Working Initially on Installable?	Working Initially on Standalone?	Issue	Working now?	Solution
	control type					Si king now!	
		Form loads with first and last name textBoxes, View Records, Phonetic					
		Practice, Phonetic Assessment, Syllabary Practice, Syllabary Assessment,					
Form initialization	Form	and Exit buttons, two pictureBoxes, a menustrip	Yes	Yes			
							Use regular expressions to limit character inpu
					Special characters cause issues with saving user		to alphanumeric plus space. Backspace was
Intering text in First Name textBox	Textbox	Accepts valid letters. Rejects special characters.	No	No	records.	Yes	also allowed for error correction.
							Use regular expressions to limit character inpu
					Special characters cause issues with saving user		to alphanumeric plus space. Backspace was
ntering Last Name textBox	Textbox	Accepts valid letters. Rejects special characters.	No	No	records.	Yes	also allowed for error correction.
							Added an auto-detect feature to check if the
							folders exist in the default location. If not,
					On standalone version if the executable was		prompt the user to locate the folders and sto
					moved from the folder with the Records and		the new location. Added a settings menu to
ew Records button clicked	Button	Opens Records form.	Yes	Yes with default settings	Resources folders it couldn't find them.	Yes	modify or reset the custom location settings.
							Added an auto-detect feature to check if the
					On standalone version if the executable was		folders exist in the default location. If not,
					moved from the folder with the Records and		prompt the user to locate the folders and stor
honetic Practice button clicked	Button	Opens the Phonetic Practice form.	Yes	Yes with default settings	Resources folders it couldn't find them.	Yes	the new location. Added a settings menu to modify or reset the custom location settings.
ionetic Practice button clicked	BULLOII	Opens the Phonetic Practice form.	res	res with default settings	Resources folders it couldn't fill a trieffi.	res	modify of reset the custom location settings.
							Added an auto-detect feature to check if the
							folders exist in the default location. If not.
					On standalone version if the executable was		prompt the user to locate the folders and sto
		Opens the Phonetic Assessment form and stores First and Last names			moved from the folder with the Records and		the new location. Added a settings menu to
honetic Assessment button clicked	Button	from textBoxes.	Yes	Yes with default settings	Resources folders it couldn't find them.	Yes	modify or reset the custom location settings.
yllabary Practice button clicked	Button	Opens the Syllabary Practice form.	Yes	Yes			
nadary i ractice battori enerca	Dutton	Opens the Syllabary Assessment form and stores the First and Last	163	163			
yllabary Assessment button clicked	Button	names from textBoxes.	Yes	Yes			
y rosessment batton energe	Dutton	numes nom textboxes.	163	163			
licking File in the menu strip	Menustrip	Expands the File menu strip to display the Records and Exit options.	Yes				
licking Help in the menu strip	Menustrip	Expands the Help menu strip to display the Instructions option.	Yes				
licking File > Records in the menu strip	Menustrip	Opens the Records form.	Yes				
licking File > Exit in the menu strip	Menustrip	Exits the application.	Yes				
licking Help > Instructions in the menu strip	Menustrip	Opens the Instructions form.	Yes				
Clicking Help > Settings in the menu strip	Menustrip	Opens the Settings form.	Yes				
		Opens the About form.	Yes				

Task	Control type	Expectation	Working Initially on Installable?	Working Initially on Standalone?	Issue	Working now?	Solution
Form initialization	Form	The word list listbox displays and populates with available lists along with a label, a close button, a menuStrip, and three labels (English, Phonetic, Syllabary) display.	Yes	Yes with default settings	On standalone version if the executable was moved from the folder with the Records and Resources folders it couldn't find them.	Yes	Added an auto-detect feature to check if the folders exist in the default location. If not, prompt the user to locate the folders and store the new location. Added a settings menu to modify or reset the custom location settings.
Selecting a list from the Word List listbox	Listbox	Loads the correct word list with words displayed in the English, Phonetic, and Syllabary listboxes.	Yes	Yes with default settings	On standalone version if the executable was moved from the folder with the Records and Resources folders it couldn't find them.	Yes	Added an auto-detect feature to check if the folders exist in the default location. If not, prompt the user to locate the folders and store the new location. Added a settings menu to modify or reset the custom location settings.
Selecting a word from the English word listbox	Listbox	The word is highlighted and the Cherokee audio file for the word plays.	Yes with exception	Yes with exception	If the audio file was not available nothing would play, and not feedback was given except to the console.	Yes	Added exception handling to display feedback using a label to indicate the audio is not available for the selected word.
Selecting a word from the Phonetic word listBox	Listbox	The word is highlighted and the Cherokee audio file for the word plays.	Yes with exception	Yes with exception	If the audio file was not available nothing would play, and not feedback was given except to the console.	Yes	Added exception handling to display feedback using a label to indicate the audio is not available for the selected word.
Selecting a word from the Syllabary word listbox	Listbox	The word is highlighted and the Cherokee audio file for the word plays.	Yes with exception	Yes with exception	If the audio file was not available nothing would play, and not feedback was given except to the console.	Yes	Added exception handling to display feedback using a label to indicate the audio is not available for the selected word.
Close button clicked	Button	The Phonetic Practice form is closed and the application returns to the Main Menu form.	Yes	Yes			
Clicking File in the menu strip	Menustrip	Expnds the File menu to display the Import List and Return to Main Menu options.	Yes	Yes			
Clicking File > Import List in the menu strip	Menustrip	Opens the open file dialog window.	Yes	Yes			
Selecting a file in the Import File open file dialog and clicking Open	Listbox	The file name is added to the Word List listbox	Yes	Yes	Missing commas or words sometimes caused exceptions when parsing the file. If the list loaded, selecting a word		
Selecting the newly imported word list	Listbox	Loads the correct word list with words displayed in the English, Phonetic, and Syllabary listboxes.	No	No	after the improper formatting resulted in an exception.	Yes	Missing words are listed as Not Provided. Feedback is given when trying to select a field holding malformed data.
					Missing commas or words sometimes caused exceptions when parsing the file. If the list loaded, selecting a word after the improper formatting		Missing words are listed as Not Provided. Feedback is given when
Importing an improperly formatted word list	Listbox	The word list is accepted and feedback is given on the formatting issue.	No	No	resulted in an exception.	Yes	trying to select a field holding malformed data.
Clicking File > Return to Main Menu in the menu strip	Menustrip	The Phonetic Practice form is closed and the application returns to the Main Menu form.	Yes	Yes			

			Working Initially	Working Initially o	n		
Task	Control type	Expectation	on Installable?	Standalone?	Issue	Working now?	Solution
		Begin Round button enabled, End Round button disabled, English to					Added an auto-detect feature to check if the folders exist
		Phonetic checkbox unchecked, textboxes disabled, Close button			On standalone version if the executable was		in the default location. If not, prompt the user to locate
		enabled, Time Remaining, Current Score, High Score, and direction		Yes with default	moved from the folder with the Records and		the folders and store the new location. Added a settings
Form initialization	Form	label present.	Yes	settings	Resources folders it couldn't find them.	Yes	menu to modify or reset the custom location settings.
		Textboxes, End Round button, and timer enabled, Begin Round button and checkbox disabled, Time Remaining label displayes					
		remaining time. Labels become visible and display the Phonetic words to be translated. Performance is recorded if a name was					
Begin Round button clicked		entered on the Main Menu. If round is in progress button should					
(default Phonetic to English)	Button	not respond to a click.	Yes	Yes			
(detault i nonetic to English)	Button	not respond to a circk.	163	163			
		Begin Round button, and checkbox enabled, End Round button,					
		textboxes, and timer disabled. Labels for the words to be translated					
End Round button clicked (default		become invisible. Time Remaining label displayes Time is Up. If					
Phonetic to English)	Button	round is not in progress button should not respond to a click.	Yes	Yes			
, manually to angulary	Button	The current round performance is recorded (if a name was entered		1.03			
		on the Main Menu form), the form is closed, and returns to the					
Close button clicked	Button	Main Menu form.	Yes	Yes			
File is clicked in the menustrip	Menustrip	The menu expands to display the Return to Main Menu option.	Yes	Yes			
		If a round is in progress the performance is saved to the user					
File > Return to Main Menu is		record (if a name was entered on the Main Menu), the Phonetic					
clicked in the menustrip	Menustrip	Assessment form is closed, and returns to the Main Menu form.	Yes	Yes			
Help is clicked in the menustrip	Menustrip	The menu expands to display the Instructions option.	Yes	Yes			
Help > Instructions is clicked in the							
menustrip	Menustrip	The Instructions form is loaded.	Yes	Yes			
		If the word is the correct translation the score increases by one, the					
		textbox clears, and a new word is assigned to the corresponding					
		label. Any text can be entered but not action will occur until the					
		correct word is entered. If the translation mode is Phonetic to					
		English the user must enter the English word. If the user clicks the					
		checkbox to select English to Phonetic the textbox will accept the					
Entering words in the textboxes	Textbox	Phonetic word with or without spaces or hyphens. If the round is not in progress the textbox will not accept input.	Yes	Yes			
Lincolning words in the textboxes	TEXLUUX	not in progress the textbox will not accept input.	163	163			
		Label above textboxes change to displaay Enter Phonetic					
English to Phonetic checkbox is		Translation. When a round begins English words will populate the					
checked	Checkbox	word labels and the user will input the Phonetic translation.	Yes	Yes			
		Textboxes, End Round button, and timer enabled, Begin Round					
		button and checkbox disabled, Time Remaining label displayes					
		remaining time. Labels become visible and display the English					
Begin Round button clicked		words to be translated. If round is in progress button should not					
(alternative English to Phonetic)	Button	respond to a click.	Yes	Yes			
		Begin Round button, and checkbox enabled, End Round button,					
		textboxes, and timer disabled. Labels for the words to be translated					
End Round button clicked		become invisible. Time Remaining label displayes Time is Up. If					
(alternative English to Phonetic)	Button	round is not in progress button should not respond to a click.	Yes	Yes			

			Working initially on	Working Initially on			
Task	Control type	Expectation	Installable?	Standalone?	Issue	Working now?	Solution
		Eight textboxes display, one label with basic directions, and one Close button. The eight					
Form initialization	Form	pictureboxes are not visible.	Yes	Yes			
Enter Phonetic syllables in the		Once matching syllable is entered the corrosponding Syllabary glyph is loaded to the					
textboxes	Textboxes	above picturebox and the picturebox is set to visible.	Yes	Yes			
Enter other characters into the							
textboxes	Textboxes	Picturebox image is removed and the picturebox becomes invisible.	Yes	Yes			
Close button clicked	Button	Closes the Syllabary Practice form and returns to the Main Menu form.	Yes	Yes			
Clicking File in the menu strip	Menustrip	Expands the File menu strip to display the Return to Main Menu option.	Yes	Yes			
Clicking File > Return to Main							
Menu in the menu strip	Menustrip	Closes the Syllabary Practice form and returns to the Main Menu form.	Yes	Yes			

			Working Initially	Working Initially or	1		
Task	Control type	Expectation	on Installable?	Standalone?	Issue	Working now?	Solution
		<u> </u>				· ·	Added an auto-detect feature to check if the folders
							exist in the default location. If not, prompt the user to
		Begin Round button enabled, End Round button disabled, pictureboxes			On standalone version if the executable was moved		locate the folders and store the new location. Added a
		disabled, textboxes disabled, Close button enabled, Time Remaining,		Yes with default	from the folder with the Records and Resources		settings menu to modify or reset the custom location
Form initialization	Form	Current Score, High Score, and direction label present.	Yes	settings	folders it couldn't find them.	Yes	settings.
		Textboxes, Pictureboxes, End Round button, and timer enabled, Begin					
		Round button disabled, Time Remaining label displayes remaining time.					
		Pictureboxes display the Syllabary glyph to be translated. If round is in					
Begin Round button clicked	Button	progress button should not respond to a click.	Yes	Yes			
-5		Begin Round button enabled, End Round button, textboxes,					
		pictureboxes, and timer disabled. Time Remaining label displayes Time					
		is Up. The round performance is recorded if a name was entered on the					
		Main Menu. If round is not in progress button should not respond to a					
End Round button clicked	Button	click.	Yes	Yes			
		The current round performance is recorded (if a name was entered on					
		the Main Menu form), the form is closed, and returns to the Main Menu					
Close button clicked	Button	form.	Yes	Yes			
		If a matching Phonetic syllable is entered, the score increases by one,					
Text entered into textboxes	Textboxes	the picturebox loads a new image, the textbox is cleared.	Yes	Yes			
File is clicked in the menustrip	Menustrip	The menu expands to display the Return to Main Menu option.	Yes	Yes			
		If a round is in progress the performance is saved to the user record (if a					
File > Return to Main Menu is clicked in		name was entered on the Main Menu), the Syllabary Assessment form is					
the menustrip	Menustrip	closed, and returns to the Main Menu form.	Yes	Yes			
Help is clicked in the menustrip	Menustrip	The menu expands to display the Instructions option.	Yes	Yes			
Help > Instructions is clicked in the	···ciiastrip	The mend expands to display the histiactions option.					
•	Menustrin	The Instructions form is loaded	Yes	Yes			
menustrip	Menustrip	The Instructions form is loaded.	Yes	Yes			

Task	Control type	Expectation	Working Initially on Installable?	Working Initially on Standalone?	Issue	Working now?	Solution
		Form loads with first and last name textBoxes, Load Record and Exit buttons, and	i				
Form initialization	Form	a menustrip.	Yes	Yes			
Entering text in First Name		Accepts all characters. Only matching will retrieve records. Upper or lower case					
textBox	Textbox	do not matter.	Yes	Yes			
		Accepts all characters. Only matching will retrieve records. Upper or lower case					
Entering Last Name textBox	Textbox	do not matter.	Yes	Yes			
		Retrieve text from first and last name textboxes. Searches Records folder for			On standalone version if the executable		Added an auto-detect feature to check if the folders exist in the default
		matching record file. If a match exists the information is displayed on multiple			was moved from the folder with the		location. If not, prompt the user to locate the folders and store the new
		labels. The labels are made visible. If a matching record file is not found only the			Records and Resources folders it couldn't		location. Added a settings menu to modify or reset the custom location
Load Record button clicked	Button	first label is made visible to display a message stating the record does not exist.	Yes	Yes with default settings	find them.	Yes	settings.
Close button clicked	Button	The Records form is closed and returns to the Main Menu form.	Yes	Yes			
File is clicked in the							
menustrip	Menustrip	The menu expands to display the Return to Main Menu option.	Yes	Yes			
Clicking File > Return to							
Main Menu in the menu							
strip	Menustrip	Closes the Records form and returns to the Main Menu form.	Yes	Yes			

			<b>Working Initially</b>	Working Initially or	n		
Task	Control type	Expectation	on Installable?	Standalone?	Issue	Working now?	Solution
Form initialization	Form	Form loads with three labels, two readonly textboxes, and one close button.	Yes	Yes			
Closed button clicked	Button	Closes the Instructions form and returns to the Main Menu form.	Yes	Yes			
File	Menustrip	Expands the File menu strip to display the Return to Main Menu option.	Yes	Yes			
Clicking File > Return to							
Main Menu in the menu	ı	The Phonetic Practice form is closed and the application returns to the Main					
strip	Menustrip	Menu form.	Yes	Yes			

Task	Control type	Expectation	Working Initially on Installable?	Working Initially on Standalone?	Issue	Working now?	Solution
		The word list listbox displays and populates with available lists along with Import List and Remove List close buttons inside a groupbox.  Three textboxes each with a lable and a browse button, and a Reset to Default button inside a groupbox with a warning label at the bottom.					
Form initialization	Form	One close button.	Yes	Yes			
Selecting a word from the listbox	Listbox						
Import List button clicked	Button	Opens the open file dialog window.	Yes	Yes			
Selecting a file in the Import File open file dialog and							
clicking Open	Listbox	The file name is added to the Manage Word Lists listbox	Yes	Yes			
		The list highlighted in the listbox is deleted from the					
Remove List button clicked	Button	Resources/WordLists folder and removed from the listbox.	Yes	Yes			
Resources Browse button		The FolderBrowseDialog window opens to allow the user to select the					
clicked	Button	Resources folder location.	Yes	Yes			
Word Lists Browse button		The FolderBrowseDialog window opens to allow the user to select the					
clicked	Button	WordLists folder location.	Yes	Yes			
Records Browse button		The FolderBrowseDialog window opens to allow the user to select the					
clicked	Button	Records folder location.	Yes	Yes			
Reset to Default button		The Properties. Settings. Default entries for each folder are reset to an					
clicked	Button	empty string.	Yes	Yes			
Close button clicked	Button	Closes the Settings form and returns to the Main Menu form.	Yes	Yes			
Clicking File in the menu		Expands the File menu strip to display the Return to Main Menu					
strip	Menustrip	option.	Yes	Yes			
Clicking File > Return to Main Menu in the menu							
strip	Menustrip	Closes the Settings form and returns to the Main Menu form.	Yes	Yes			

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Task	Control type	Expectation	Working Initially on Installable?	Working Initially on Standalone?	Issue	Working now?	Solution
		The form loads with one read only textbox, six labels, two linklabels, and					
Form initialization	Form	one button.	Yes	Yes			
Cherokee Nation Language		A browser windows opens to the Cherokee Nation Language program					
Program link label clicked	LinkLabel	site https://language.cherokee.org	Yes	Yes			
		A browser windows opens to this project GitHub site					
GitHub link label clicked	LinkLabel	https://github.com/fined-nsu/CherokeeLanguageStudyTool	Yes	Yes			
		The About form is closed and the application returns to the Main Menu					
Close button clicked	Button	form.	Yes	Yes			
		Expnds the File menu to display the Import List and Return to Main					
Clicking File in the menu strip	Menustrip	Menu options.	Yes	Yes			
Clicking File > Return to Main		The About form is closed and the application returns to the Main Menu					
Menu in the menu strip	Menustrip	form.	Yes	Yes			