Final Project Checklist

	Note Id	lentification
		FFT compiled, show's correct logic analyzer output
		FFT outputs correct bins for desired range of hearing
		Final Range:
		Number of bins:
		Note Logic correctly identifies artificial input for one octave
		AC97, FFT and Note Logic work together (Demo displaying notes on hex display)
		Whole system responds well to at least one instrument for all C major scale whole notes
		Optional: Sharps and Flats identified.
		Very optional: Multiple notes identified.
	Game I	Logic
		Menu input and state output simulate correctly
		Menu sends correct song start location signal when starting game
		Score Updater updates score and sees hits correctly
		Menu sends active reset signal to other modules when appropriate
		Optional: Maintain a high score table for each song
	Musical Score Loader	
		Song files are properly stored / accessible from EEPROM
		A single song is loadable and does not have any invalid output
		All available songs load and play correctly to their own tempos
		Extraordinarily optional: be able to feed in a MIDI file to play
	Display	
		A single note blob moves across the screen properly (ease in right, ease out left)
		The cstringdisp module is integrated and shows the score, current pitch
		Creating a testbench to simulate inputs from the game logic, test hit pitches
		All note blobs are onscreen and transition smoothly
		Optional: Load background images in, such as a recorder finger chart
		Optional: Use bitmaps instead of notes
		Optional: Cool effects like fading notes and changing colors
	Integration	
		Display and Musical Score Loader correctly stream a song
		Given switch inputs for notes, score and note hit displayed correctly during the game
		Integration with FFT complete, can play an entire song
		Menu interface complete with only one song
		Multiple Songs available on the menu
		Optional: Freeform/Sandbox mode for just playing an instrument to see how it registers