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“My Heart Will Go On” Karaoke Program

Operation Method:

1. Begin the karaoke program by pressing KEY0.
2. Sing along with the song and aim to match the pitches accurately to attain high scores.
3. View the final score at the conclusion of the performance.
4. Restart the program by pressing KEY3.

Attribution Table:

MAR - Major Revision

MIR - Minor Revision

FE - Fix Error

Priority	Task	Suyeon Park	Audita	Completion Date
Mandatory	Output an original instrumental song through speakers	MAR	MAR	Mar 29
Mandatory	Calculate the pitch through a pitch tracking algorithm	MAR	MIR	Apr 5
Mandatory	Input user voice through the mic / output with echo		MAR	
Mandatory	Convert user voice into pitch level	MAR	MAR	Apr 7
Mandatory	Calculate the score	MAR		Apr 7
Mandatory	Display the score level	MAR		Mar 26
Mandatory	Display a pitch level on VGA screen	MAR	MIR	Mar 15
Mandatory	KEY		MAR	

Extra	Background	MAR		
Extra	Ending screen	MAR		Mar 26
Extra	Starting screen	MAR	FE	Mar 26
Extra	Play sound effect		MAR	Mar 29
Extra	Display player's note	MAR		
Extra	Display animation when player's note matches with the pitch of the song	MAR		Apr 7
Extra	HEX to display the score		MAR	
Extra	Display lyrics	MAR		
Extra	Timer		MAR	Apr 7