4/11/24:

- **Sound_rating_all → order number**
    - Order number for each sound
    - Change sound number → order number
    - Add data variable into qualtrics (index += 1)
- **Subject Id Validation**
    - Some kind of confirmation message?
    - Validation?
    - If someone inputs a number that already exists, error out
- **If subject not found, default to subject 1 so it doesn't error out**
- **Fix one broken sound**
- **Publish Form**

- **Just need to finish creating the warning files**
    - warning_MRI
        - If <= 5 aversive sounds
            - Grab remaining from a_ that are least positive
        - If >5, just repeat however many are needed
        - If <= 5 miso sounds
            - Grab remaining from m_ that are least positive
        - If >5, just repeat however many are needed
    - warning_TMS
        - Say if we included sounds that are non trigger misophonic sounds and how many
    - Warning:
        - Warning MRI
            - numMiso sounds provided:
            - How many Miso sounds are repeated
            - How many Miso sounds are added
            - Which Miso sounds are repeated
            - Which Miso sounds are added

            - numAver sounds provided:
            - How many Aversive sounds are repeated
            - How many Aversive sounds are added
            - Which Aversive sounds are repeated
            - Which Aversive sounds are added
        - Warning TMS
            - numMiso sounds provided:
            - How many Miso sounds are repeated
            - How many Miso sounds are added
            - Which Miso sounds are repeated
            - Which Miso sounds are added

- **Exit Survey and Save Data Button for every loop cycle**
    - Are you sure…….. :(???
- **Write up Manual**

4/10/24:

- Sound_rating_all (all sounds pos/aversive/miso and ratings)

	Subject	Date	Name	Rating	Trigger	Memory
0	99	2024-04-08	Personalized 1	NaN	NaN	No
1	99	2024-04-08	Personalized 2	-2	No	NaN
2	99	2024-04-08	Personalized 3	-5	No	NaN
3	99	2024-04-08	Personalized 4	-5	No	NaN
4	99	2024-04-08	Personalized 5	-2	No	NaN
...	...	...	...	...	...	...
101	99	2024-04-08	n_RobinChirping_s.wav	4	NaN	Yes
102	99	2024-04-08	n_VaccuumCleaner_s.wav	0	NaN	Yes
103	99	2024-04-08	n_WashingMachine_s.wav	0	NaN	No
104	99	2024-04-08	n_WaterStream_s.wav	1	NaN	No
105	99	2024-04-08	n_WindChimes_s.wav	3	NaN	No

- 106 rows × 6 columns
- Df_miso_aversive (all sounds miso/aversive and ratings (abs value))

	Subject	Sound	Name	Rating	Trigger
1	99	2	Personalized 2	2	No
2	99	3	Personalized 3	5	No
3	99	4	Personalized 4	5	No
4	99	5	Personalized 5	2	No
5	99	6	Personalized 6	6	No
...	...	...	...	...	...
87	99	91	m_ThroatClearingD_s.wav	4	No
88	99	92	m_Typing_s.wav	1	No
92	99	96	m_Whistling_s.wav	2	No
94	99	98	m_Yawn_s.wav	4	Yes
95	99	99	n_BirdsSinging_s.wav	2	Yes

- 76 rows × 5 columns
- Df_miso (all miso sounds and ratings (abs value))

	Subject	Sound	Name	Rating	Trigger
0	99	24	a_WolfHowl_s.wav	4	Yes
1	99	27	m_AppleCrunching_s.wav	3	Yes
2	99	28	m_AppleEating_s.wav	5	Yes
3	99	29	m_BallBouncing_s.wav	3	Yes
4	99	31	m_CatTunaLicking_s.wav	4	Yes

- Df_aversive (all aversive sounds and ratings (abs value))

	Subject	Sound	Name	Rating	Trigger
0	99	2	Personalized 2	2	No
1	99	3	Personalized 3	5	No
2	99	4	Personalized 4	5	No
3	99	5	Personalized 5	2	No
4	99	6	Personalized 6	6	No

-
- Df_mri_ratings (10 highest aversive + 10 highest miso sounds)

	Subject	Sound	Name	Rating	Trigger
0	99	32	m_ChewingFoodWithMouthOpen_s.wav	7	Yes
1	99	77	m_SlowHardBreathing_s.wav	7	Yes
2	99	56	m_HeavyBreathing2_s.wav	6	Yes
3	99	50	m_FemalePanting_s.wav	6	Yes
4	99	48	m_EatingSaladCutlery_s.wav	6	Yes
5	99	46	m_DrinkingWater_s.wav	5	Yes
6	99	28	m_AppleEating_s.wav	5	Yes
7	99	62	m_HotTeaSlurping_s.wav	5	Yes
8	99	33	m_ChewingGum_s.wav	5	Yes
9	99	34	m_ChewingPopcornManyCrunches_s.wav	5	Yes
10	99	7	a_AlarmClock_s.wav	9	No
11	99	15	a_Fart_s.wav	8	No
12	99	10	a_CarsHonking_s.wav	8	No
13	99	25	a_WomanWailing_s.wav	6	No
14	99	22	a_ScreamWithEcho_s.wav	6	No
15	99	21	a_PuppyCrying_s.wav	6	No
16	99	17	a_FireTruckAlarm_s.wav	6	No
17	99	12	a_CryingMan_s.wav	6	No
18	99	69	m_iads_Whistling_270_s.wav	6	No
19	99	6	Personalized 6	6	No

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4/8/24:

- Published Qualtrics (no subject number validation)
  - https://duke.qualtrics.com/jfe/form/SV_eKIz9f24GzNZqIe
- Finish subject number validation
- **Headers for Sound_ratings and one more output CSV files**
- **One more output CSV file with headers**
  - All sounds (106)
  - With id, date, name, rating, trigger (yes, no, -8)
- **Write up instructions/user manual**
- **Rename → subject_3_sound_ratings → subject_3_mri_ratings**
- **Need subject_3_tms_ratings**
  - 24 sounds, 6 in each category
  - All Misophonic

        - Rank them all
        - 6 Personalized, 6 Highest, 6 Lowest, 6 in the middle (randomly)
            - If not enough, take lowest highs and highest lows
        - No overlap of sounds preferably (if there are, how to handle)
        - Sound name, category: (0 - low, 1, 2, 3 - personalized), rating (convert to positive)
- **Warnings file for both mri and tms (warning_mri) warning_tms**

4/1:

- ~~Rename "nonmiso" → aversive~~
- ~~Sound_ratings.csv → 20 sounds (only the ones in imaging 10 miso/10 aversive)~~
    - ~~Only include those and have another column labeling miso vs aversive~~
- ~~Sound_ratings.csv~~
    - ~~Name~~
    - ~~Actual sound rating~~
    - ~~Miso / Aversive~~
    - ~~Rank of that sound rating (ascending order 1-10)~~
    - ~~Order_label (from Nimesha's file)~~

3/30:

- Form: Test the actual form for broken videos
- Coordinate with Nate to figure out how to best get this program to run
    - Create a Conda env with Pandas + Python 3.8
    - So just needs Conda??
- Get rid of the "delete this" lines of code
- get all 100 data values with correct column headers and see what it outputs

3/26:

- ~~Remove all positive sounds and neutral sounds~~
- ~~Then make all neg numbers positive~~
    - ~~Randomly repeat sounds to fill in gaps if there aren't 10~~
    - ~~If not enough Miso, randomly repeat the already chosen misos~~
    - ~~If not enough aversive, randomly repeat the already chosen aversives~~
    - ~~Do not repeat a sound more than once…~~
- ~~Do the mappings so the output file has names~~
- ~~Warning.csv file → subject specific~~