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**Go/NoGo EEG Experiment Pre-Session Checklist**

1. **Participant Setup**

Participant has given informed consent.

Participant ID is noted and entered into PsychoPy.

Participant is seated comfortably in front of the screen.

Distractions minimized (e.g., no phones, notifications, conversations).

Headphones removed (unless required).

Glasses/vision aids are on if needed.

Instructions (briefed in-person + shown on screen).

**2. System Check**

Laptop is plugged in (not running on battery)

All Bluetooth devices **except Muse** are disabled

Screen resolution is set correctly.

PsychoPy version is correct.

Correct .psyexp file is loaded.

Corresponding .xlsx files (CondBlock1.xlsx – CondBlock6.xlsx) are in the same folder

**3. Muse EEG Setup**

Muse is charged and turned on.

Muse fits snugly on the participant’s head.

Good contact with all sensors (adjust hair/skin if needed).

Bluetooth connection established.

Run python -m muselsl stream and confirm EEG stream is live.  
  
**4. LabRecorder**

LabRecorder is open.

**Muse** stream and **Markers** stream are visible.

File name is set correctly (e.g., sub-01\_ses-1.xdf).

Click **Start** before running the experiment.

**5. LSL Marker System**

Markers appear in PsychoPy Runner panel (e.g., Marker sent: Fixation).

ExperimentStart marker is shown when the task begins.

Markers for Cue, Stimulus, Response, Feedback, and Breaks are all visible.

**6. PsychoPy Task Flow**

Instruction screen appears correctly at the start.

All 6 blocks run in correct sequence.

Break screens appear between blocks (with space to resume).

Feedback is shown after each trial.

Thank You screen appears at the end.

ExperimentEnd marker is sent.

**7. Data Check (After Experiment)**

Stop LabRecorder (verify .xdf file was created).

PsychoPy saves behavioral .csv file.

Save participant ID and session info.

Optionally: Check .xdf file with check\_xdf\_markers.py.

**8. Reset**

Close PsychoPy, LabRecorder, and muselsl after each session.

Disconnect Muse and recharge if needed.

Back up data files (e.g., to OneDrive, external drive).

Prep next participant folder & ID.