

Block generator

A module that produces a randomised sequence of trials with the appropriate conditions:

- N-back: Correct number of Targets and Non-Targets
- Stop Signal Task: Correct number of Go Trials and Stop Trials

Timer

A module that is capable of making time measurements with sub-millisecond* accuracy. It is also self-monitoring, meaning that it can report its own accuracy level.*

Block monitor

A module that monitors each block, recording the outcomes of each trial and measuring the user's performance.

Notification system

A system that schedules reminders for the user to do the task each day. It also allows researchers to send custom messages to users and pause all user activity temporarily.

Data synchronisation system

A system that ensures the user's data is transferred and stored securely.

Admin access system

A system that authenticates the user as a Task Admin, and provides them access to user data.

*Requires further investigation / research

