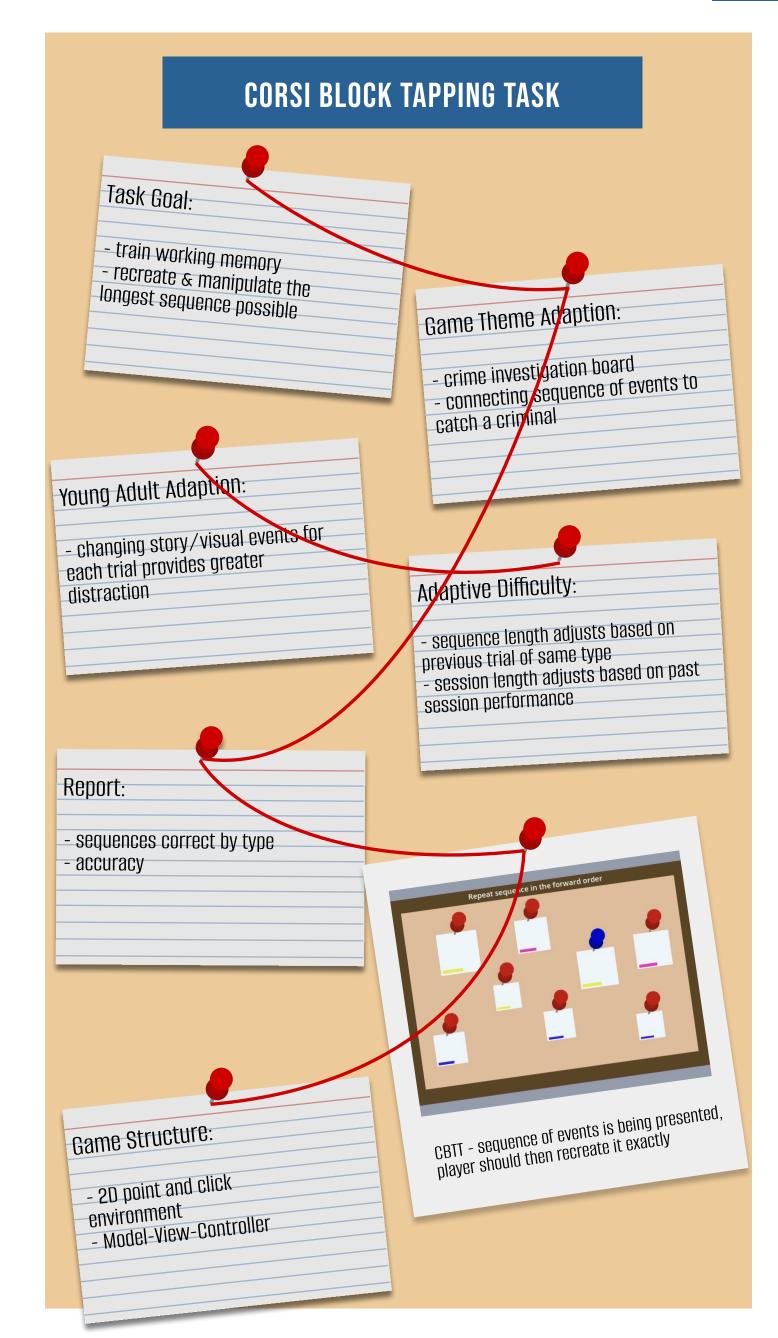
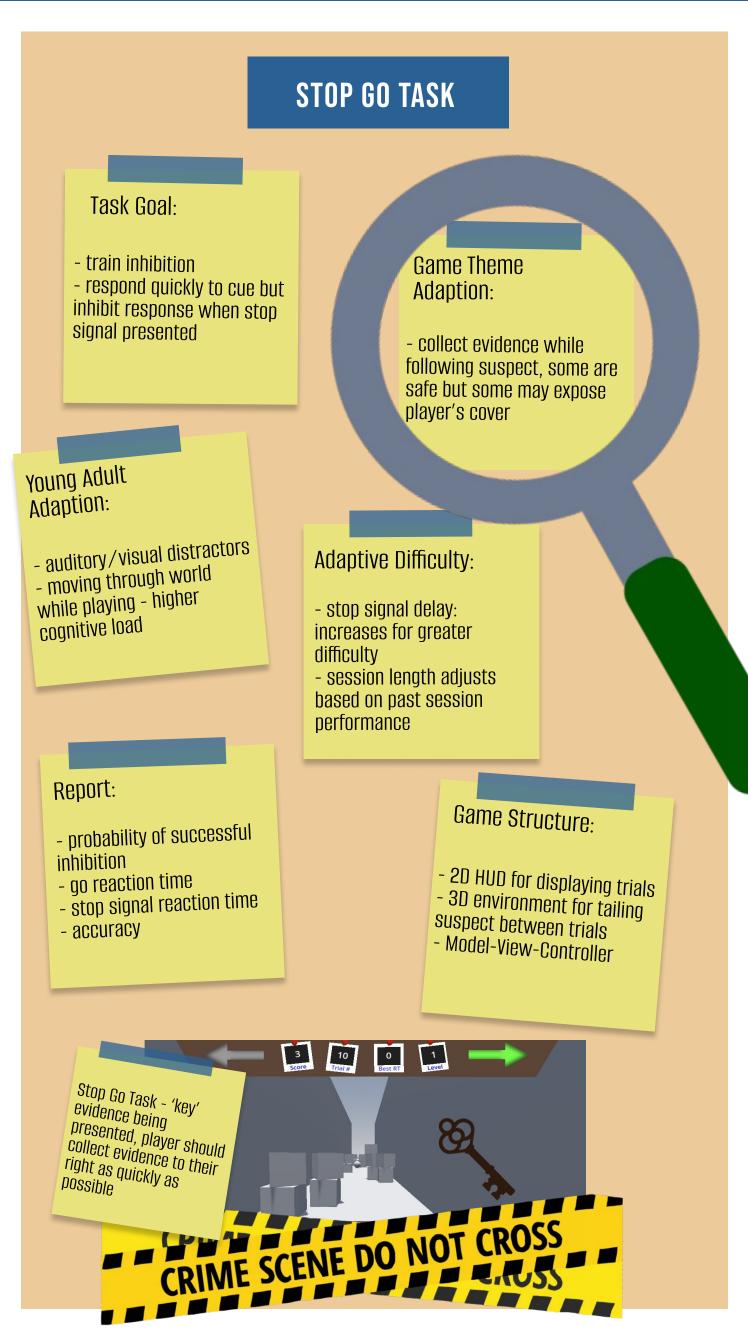


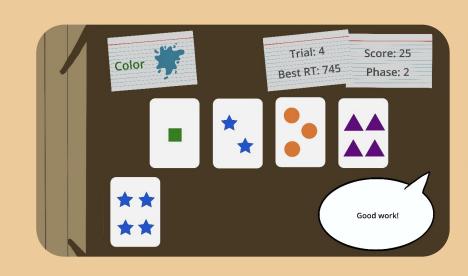
THE MINI GAMES

Arabella Fielder Advisor: Toby Dragon Department: Computer Science





WISCONSIN CARD SORTING TASK



WCST - player should sort the active card to the second pile as quickly as possible because they have the same color

Task Goal:

- train cognitive flexibility
- sort cards based on a changing rule

Game Theme Adaption:

- quickly sort through evidence to solve the crime

Young Adult Adaption:

- comparisons greater than just color, shape, etc
- ex: origin, type, etc.

Game Structure:

Adaptive Difficulty:

- rule block length changes based on previous adaption rate

Report:

- accuracy - reaction tin
- reaction time - adaption rate

- 2D point and click environment - Model-View-Controller