Autism Management AI

# Description of the Domain

Two of the greatest challenges people with (a) high-functioning autism have are (1) social and communication skills and (2) sensory processing/sensory sensitivity problems. (1) and (2) are highly individualized and nuanced problems that take years of trial-and-error and coping strategy creation. This content theory proposes a computer program made up of three sections that will give people with (a) skills and techniques that can be used in day-to-day life to make living with autism easier. Section one will focus on social development, two on coping strategy development, and three will be a resource that uses personalized data to find the best possible alternatives to foods and everyday items for users.

# Why We Care About This Domain

Methods of treatment for people with high-functioning autism often focus only on improving (a) communication skills and are either inaccessible to the average person or teach how to act as a neurotypical. Sensory sensitivity is something many high-functioning autistics suffer from and often must learn to cope with on their own or after it has already become a problem. This content theory proposes a way to help people with high-functioning autism be able to confidently face the everyday challenges of autism.

# Defined Terms

* Autism Spectrum Disorder (ASD)
* Functioning Autism
* Non-Functioning Autism
* Asperger’s Syndrome
* Pervasive Developmental Disorder - Not Otherwise Specified (PDD-NOS)
* Treatment
* Sensory Sensitivity
* Masking
* Neurotypical
* Neurodivergant

# Categories In The Domain

* Social Development
* Coping Strategy Development
* Alternatives Finder

# Scope of the Domain

This content theory is only considering treatment for those with High-Functioning Autism which is to be implemented as a downloadable program.

# Applications

1. Household
2. Schools