



# INSTRUCTION MANUAL

# The HUD

## HM 9000

**Outer Circle**- Displays your **Health**, **Stamina**, and **Stress**

**RADAR**- shows friendlies as **blue** and enemies as **red**

**SKIN**- when this flashes, you need to do a pressure relief



## ASSISTANT CONTROLS

**LOCK CAMERA**- when active, the camera stays centered on you

**GO TO**- to direct your assistant to go to a location

**USE**- have your assistant use or pick up an item for you

**CONVEY**- the assistant pushes your wheelchair

**POS** - tap to access your apps, to save the game, and to send data back

**SKIN**- perform a pressure relief by tapping and holding on your character for 2-3 seconds

**HEALTH** - improve health by eating food. Remember to watch your diet, though!

**STAMINA** - regain your stamina by resting. Moving around and completing physical therapy increases your stamina.

**STRESS** - relieve stress by using the Soothing Melodies app on your POS. You can also use the Chillax 3000- if you dare! if the stress is caused by a bowel or bladder accident, you will need to cleanup in the bathroom to recover.

# The Characters



**Dr. Allei** - Physician. She helps to guide you on your way



**Dr. Schrync** - psychologist, hospital owner, and creator of the Chillax 3000



**Grandpa** - excels at sitting on the couch



**Raz** - resident mechanic shopkeeper. See him for some cool upgrades



**Petey** - Physical therapist. He pushes you to be all that you can be. BooDA!



**Oti** - Occupational therapist. He helps you get organized and back on track



**Helga** - Enjoys sailing the open seas



**Taffy**- Likes to sing for large crowds



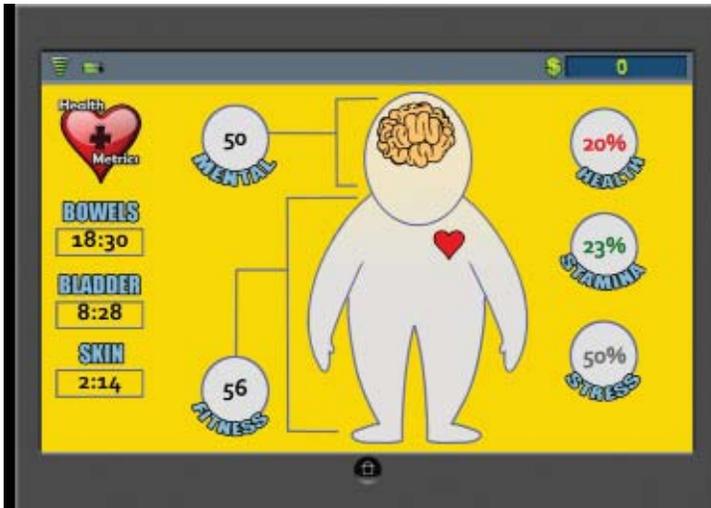
**Hans**- Loves bodybuilding and his kitten



**Lynn**- enjoys riding her bike in the country

# The POS

Tap the POS to access all of your apps



**Move-O-Matic**  
Rearrange your furniture and belongings



**Soothing Melodies**  
relieves stress



**Health Metrics**  
Keeps track of your health and shows when you will need to manage your skin, bowel, and bladder



**Inventory**  
Items that you pick up will be stored here



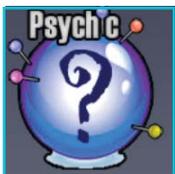
**Travel**  
provides a map and access to the different places you can go



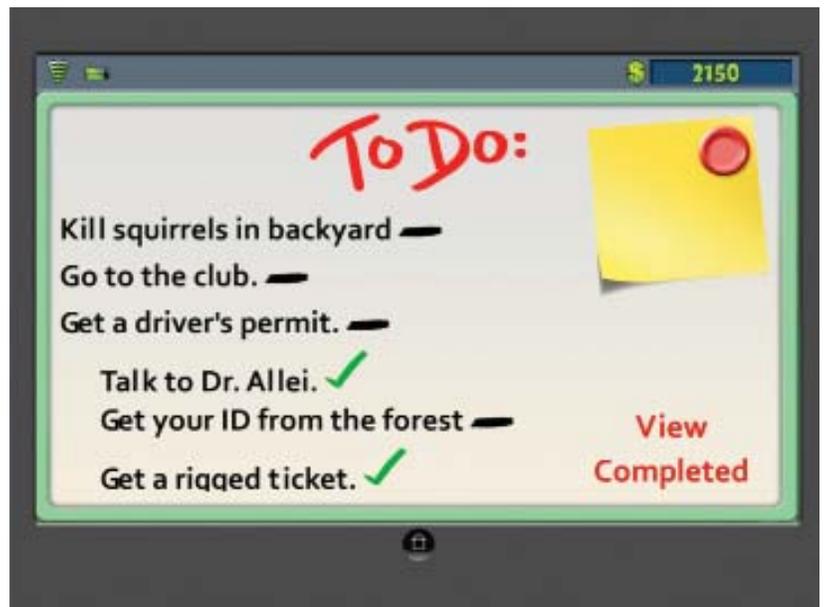
**Wardrobe**  
Customize your character



**Mail**  
Important information will be sent through this



**Psychic**  
Get hints and tips for what to do next



**Settings**  
Save progress, send your data, and exit to the main menu



**To Do**  
Shows what task to complete next as well as completed tasks

# Credits

University of Michigan Department of Physical Medicine & Rehabilitation  
Project Director: Michelle Meade

University of Michigan 3D Lab  
Design Lead/Project Coordinator: Eric Maslowski

## Programming Team:

Sean Petty, Lead  
Kevin Roloefs  
Sean Sheehan  
Michael Skrzynski  
Alejandro Guerrero  
Benjamin Cooper

## Art Team:

Stephanie O'Malley, Lead  
Stephen Bizer  
Andrew Smith  
Scott Spangler  
Austin Cascarelli  
Andrew Bobo

## Music/Sound:

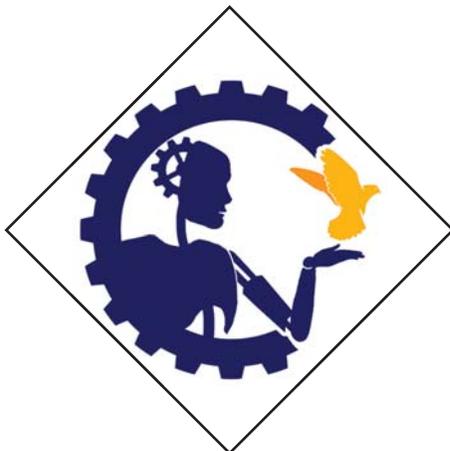
Conor Anderson (Music)  
Noah Weisbart (Petey, Oti, Grandpa, Stu, Girlscout, Hands, Lynn, Dr. Schrync)  
Daisy Bishop (Female Lead, Dr. Allei, Taffy, Helga)  
Eric Myrick (Male lead, Raz, Bouncers)

## Other:

Michael Theodore  
Rich Liverance (Integration)

## Funding Agency:

Grant #H133G100118 from the National Institute of Disability and Rehabilitation Research (NIDRR)  
Grant #90RE5012 from the National Institute on Disability and Independent Living and Rehabilitation (NIDIL-RR)



[cthi.medicine.umich.edu](http://cthi.medicine.umich.edu)



[um3d.dc.umich.edu](http://um3d.dc.umich.edu)