Losing Time:

Taking a Look into the Dangers of Excessive Screen Time

Yeidy Levels and Rachel Kaufman Hunter College: CS Education CSCI7700: Ethics and Computer Science Fall Semester 2022 December 7, 2022

Overview

- Content is at our fingertips; it's getting harder and harder to put our devices down
- Although it's not officially recognized as an addiction, there are compelling similarities between the effects of drugs and of video games on the minds of users (Zastrow, 2017)
- Teens should use strategies to tackle excessive screen time

The Problem

- Winning games releases dopamine this keeps people playing (Zastrow, 2017)
- Rise of microtransactions = less \$\$ in our pockets
- Decrease in mental health (Wacks & Weinstein, 2021)



Describing Addiction

Control

Compulsion

Using a substance or performing a behavior in ways that would be considered more so than intended.

An irresistible urge to behave in a certain way, especially against one's conscious wishes

Consequences

Continued use in spite of negative social, physical and mental consequences.

Solutions

- Moderation of screen time
- Separation of devices
- Budgeting for microtransactions
- Healthy activities to counter withdrawal effects (Sneed, 2022)

The time spent in front of a screen can be better spent interacting with friends and loved ones.

Sources

Jiang, J. (2020, August 14). How teens and parents navigate screen time and device distractions. Pew Research Center: Internet, Science & Tech. Retrieved December 7, 2022, from https://www.pewresearch.org/internet/2018/08/22/how-teens-and-parents-navigate-screen-time-and-device-distractions/

LaMotte, S. (2017, December 1). Smartphone addiction could be changing your brain. CNN. Retrieved December 7, 2022, from https://www.cnn.com/2017/11/30/health/smartphone-addiction-study

Ratan, Z. A., Parrish, A.-M., Zaman, S. B., Alotaibi, M. S., & Hosseinzadeh, H. (2021, November 22). Smartphone addiction and associated health outcomes in adult populations: A systematic review. International journal of environmental research and public health. Retrieved December 7, 2022, from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8622754/

Sneed, A. (2022, February 8). I'm addicted to my phone. how can I cut back? The New York Times. Retrieved December 7, 2022, from https://www.nytimes.com/2022/02/08/well/live/smartphone-addiction-tips.html

Wacks, Y., & Weinstein, A. M. (2021, April 26). Excessive smartphone use is associated with health problems in adolescents and young adults. Frontiers. Retrieved December 7, 2022, from https://www.frontiersin.org/articles/10.3389/fpsyt.2021.669042/full

Wittek, C. T., Finserås, T. R., Pallesen, S., Mentzoni, R. A., Hanss, D., Griffiths, M. D., & Molde, H. (2016). Prevalence and Predictors of Video Game Addiction: A Study Based on a National Representative Sample of Gamers. International journal of mental health and addiction, 14(5), 672–686. https://doi.org/10.1007/s11469-015-9592-8

Young, Kimberly (2009, Sep, 9). Understanding online gaming addiction and treatment issues for ... (n.d.). Retrieved December 8, 2022, from https://www.tandfonline.com/doi/full/10.1080/01926180902942191

Zastrow, Mark (2017, April 24). Is video game addiction really an addiction? | PNAS. (n.d.). Retrieved December 7, 2022, from https://www.pnas.org/doi/10.1073/pnas.1705077114