CORRUPTED.

A virtual pandemic and its impact

UDLS Lecture

By Joseph Wonsil – Nov 27, 2020

SAGEFOX

WARCRAFT





A FANTASY ROLEPLAYING GAME FOR REVISED THIRD EDITION RULES

WARCRAFT

- I've never played so....
- Action / Adventure: Massively Multiplayer Online Role-Playing Game (MMORPG) made by Blizzard
- Create a character, go adventuring in an open world, and participate in raids
- Virtual world has urban and rural areas with non-player character (NPCs) and other player characters





A FANTASY ROLEPLAYING GAME FOR REVISED THIRD EDITION RULES

GAMEPLAY MECHANICS

 Character has various attributes and skills that can be used to fight depending on their chosen 'class.' Ex. Pets, which can be summoned and dismissed



GAMEPLAY MECHANICS

- Character has various attributes and skills that can be used to fight depending on their chosen 'class.' Ex. Pets, which can be summoned and dismissed
- Raids, events, and dungeons



ZUL'GURUB RAID

- Raid introduced in 2005
- End boss battle with Hakkar the Soulflayer
- He could apply 'debuffs,' a temporary status effect that would hinder you in some way
- Debuffs are gone if you leave Zul'Gurub



COR RUPTED BLOOD

- One debuff was called Corrupted Blood
- This affliction would cause damage to your character and could spread
- Raid groups had to fight spread out to
 A void extra damage during the battle
- Had the power to Kaller a lowerlevel player in a few seconds
- Debuff was temporary, and lost if you traveled outside of Zul'Gurub



BUT SOMETHING WENT WRONG

SPRED ON ON OTHE AFFLICTION

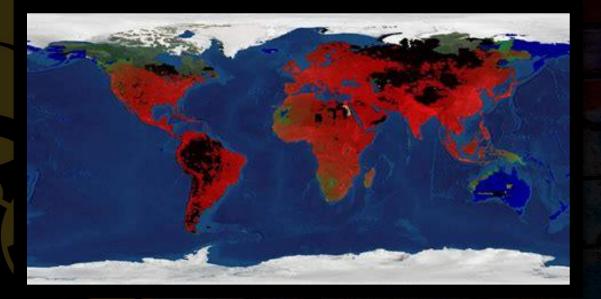
A glitch

Pets could contract Corrupted Blood, and then be dismissed

When a player left Zul'Gurub, they could summon their pet again.....still afflicted with the debuff that automatically infects nearby characters



- Blizzard has now accidentally created a pandemic model with millions of participants
- Lower level players were killed off in seconds
- Higher level players could keep themselves alive, potentially spreading more



RANDO BARALLELS

Obviously: debuff operates like a disease



RANDE PARALLELS

- Obviously: debuff operates like a disease
- NPCs could also contract the debuff, and were asymptomatic but still contagious



NA RALLELS

- Obviously: debuff operates like a disease
- NPCs could also contract the debuff, and were asymptomatic but still contagious
- Healing-based characters volunteered to assist with keeping players alive, potentially contracting the disease themselves and passing it on to other they interacted with



- PARALLELS
- Obviously: debuff operates like a disease
- NPCs could also contract the debuff, and were asymptomatic but still contagious
- Healing-based characters volunteered to assist with keeping players alive, potentially contracting the disease themselves and passing it on to other they interacted with
- Players fled high-density urban areas

PARALLELS

- Obviously: debuff operates like a disease
- NPCs could also contract the debuff, and were asymptomatic but still contagious
- Healing-based characters volunteered to assist with keeping players alive, potentially contracting the disease themselves and passing it on to other they interacted with
- Players fled high-density urban areas
- Malicious players intentionally infected others, and did not try to help contain the pandemic (griefing)

NARCALES RANDEMAC RALLELS

- Confusion in online forums was rampant
- People thought it might be a purposeful event by Blizzard
- Misinformation was everywhere

NARCALES RANDERMAC RALLELS

- Confusion in online forums was rampant
- People thought it might be a purposeful event by Blizzard
- Misinformation was everywhere
- Blizzard added quarantine zones to try and contain the pandemic
- Infected players would escape quarantine

NARTURAL RANDEMAC RALLELS

- Confusion in online forums was rampant
- People thought it might be a purposeful event by Blizzard
- Misinformation was everywhere
- Blizzard added quarantine zones to try and contain the pandemic
- Infected players would escape quarantine
- Curiosity: players would rush in to watch and then try and leave, mirroring journalist behavior

- Didn't end until Blizzard reset servers
- Epidemiologists studied the event for its valuable information to human behavior during a pandemic

- Didn't end until Blizzard reset servers
- Epidemiologists studied the event for its valuable information to human behavior during a pandemic
- Dr. Ran D. Balicer published an article in *Epidemiology* about how the event mirrored the then-recent SARS and avian influenza outbreaks... Dr. Balicer also published a follow-up in *Science*.
- The CDC contacted Blizzard to ask for statistics on the event

- Some critics attacked the published results, they claimed that 'griefing' is not behavior to expect
- Essentially: people will follow quarantine and comply with authority figures

- Some critics attacked the published results, they claimed that 'griefing' is not behavior to expect
- Essentially: people will follow quarantine and comply with authority figures

cough *cough*

- Some critics attacked the published results, they claimed that 'griefing' is not behavior to expect
- Essentially: people will follow quarantine and comply with authority figures

cough *cough*





Dr. Eric Lofgren, an epidemiologist, coauthored paper about Corrupted Blood, has responded to critics in the wake of COVID



Dr. Eric Lofgren, an epidemiologist, coauthored paper about Corrupted Blood, has responded to critics in the wake of COVID

Dr. Nina Fefferman, coauthored, now researches perceptions in a pandemic, especially relating to social media



Did we? Maybe not....

- Did Blizzard?
 - Had a (planned) event in which they released a zombie plague for advertising their new expansion *Wrath of the Lich King*
 - Was more true what a disease acted like (less than 100% transmission rate)
 - Critically praised
 - Green Fire Incident.....

Did we? Maybe not....

- Did Blizzard?
 - Had a (planned) event in which they released a zombie plague for advertising their new expansion *Wrath of the Lich King*
 - Was more true what a disease acted like (less than 100% transmission rate)
 - Critically praised
 - Green Fire Incident.....exact same as corrupted blood, pets transmitted debuff from boss battle. However, was fixed in a day, and kept under control this time.