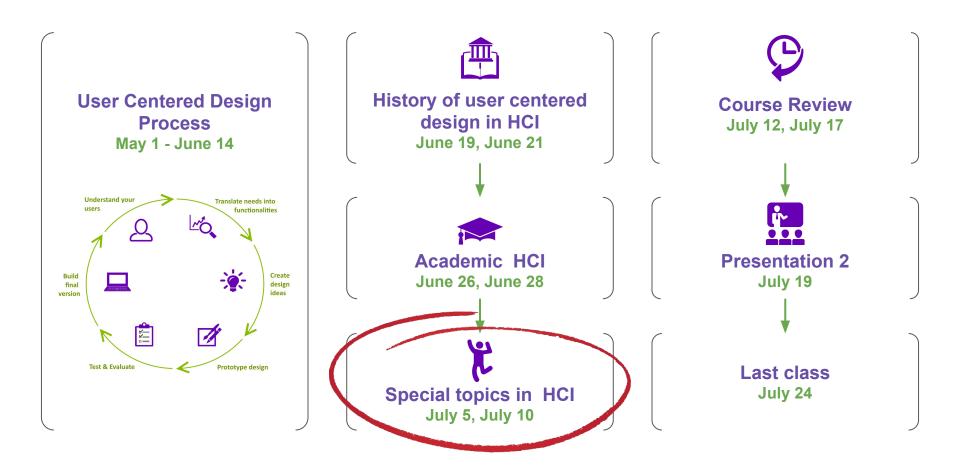
CS449/649: Human-Computer Interaction

Spring 2017

Lecture XX

Anastasia Kuzminykh





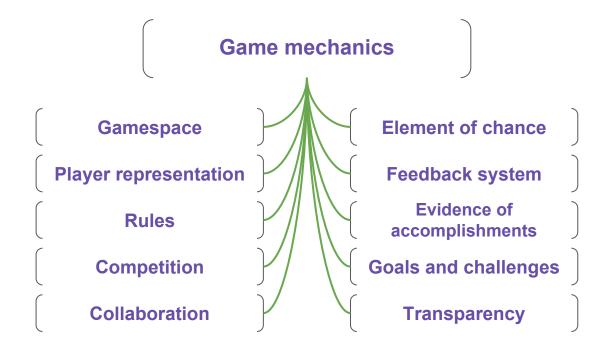


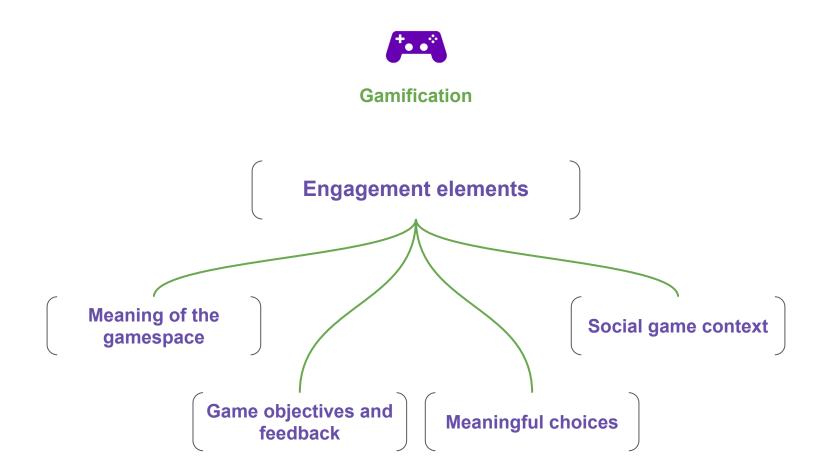
Gamification - the use of game mechanics and game dynamics in a non-game context

Term coined by <u>Nick Pelling</u> in 2002. Gained popularity around 2010

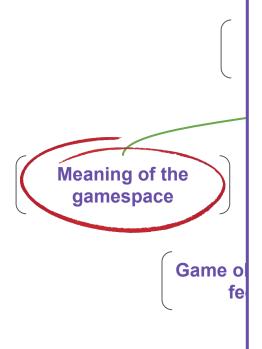
Used in design to increase motivation and engagement



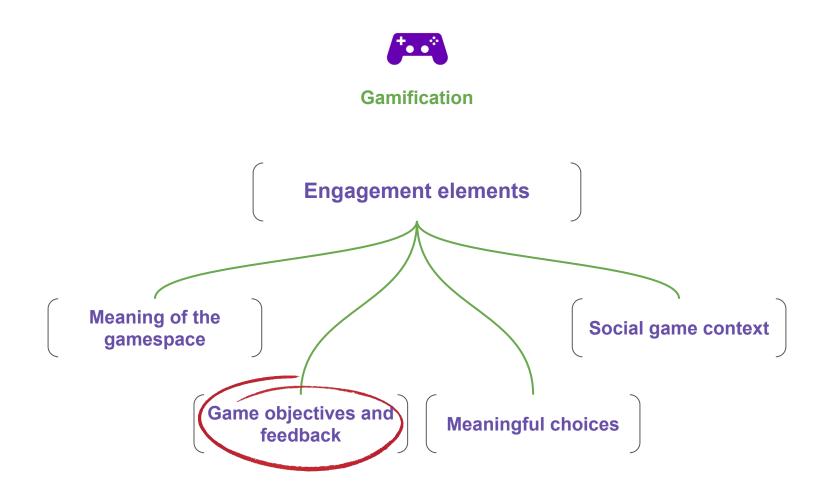








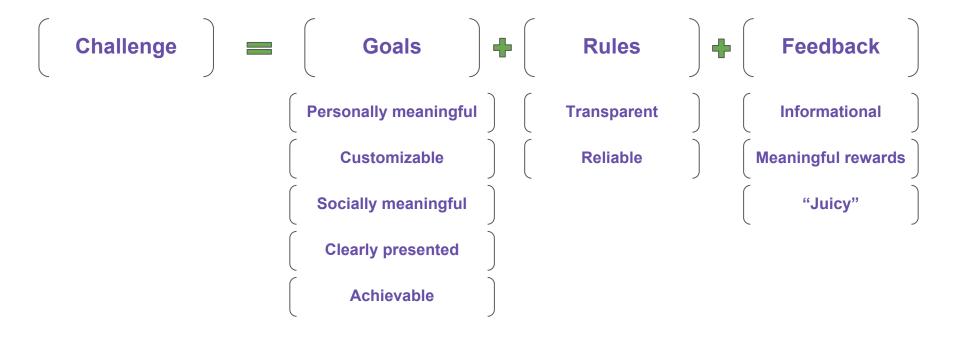
- Often achieved by storytelling practices
- Should be heavily supported by visual elements
- Gamified goals should connect to personal goals
- Connecting to a meaningful community of interest is helpful
- Building upon social meaning within the created story and outside of it



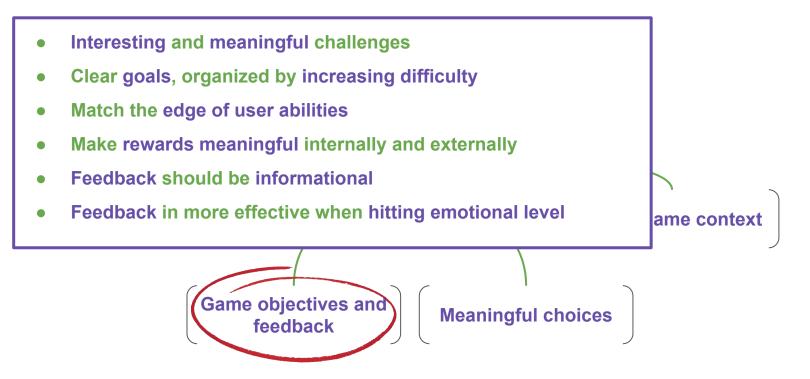




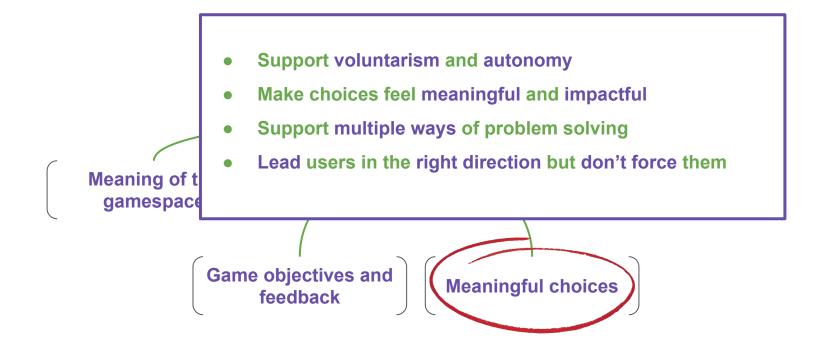


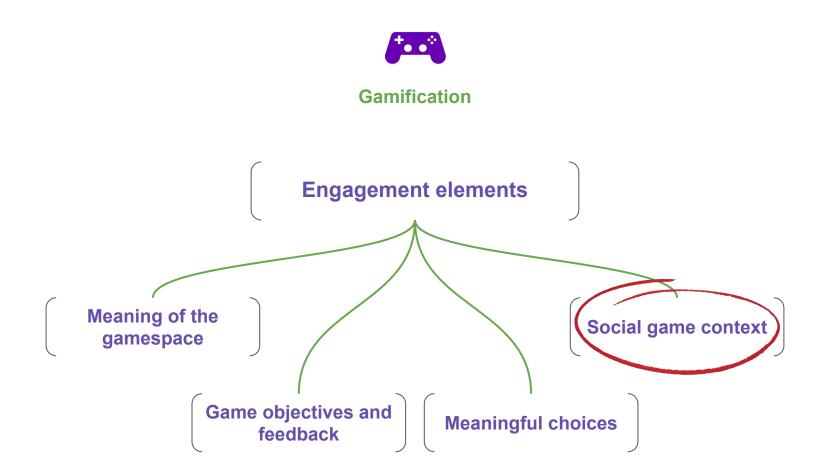
















https://thepsychologist.bps.org.uk/volume-27/edition-11/necessarily -collectivistic

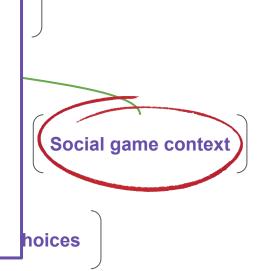
The Robbers Cave Experiment by <u>Muzafer Sherif</u>

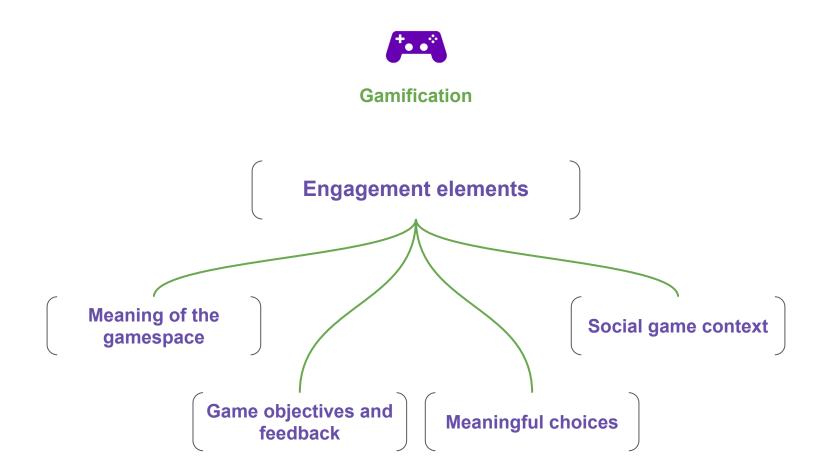
Realistic conflict theory - situation when two or more groups that are seeking the same limited resources leads to conflicts, negative stereotypes and discrimination between groups.

In-group-out-group bias - pattern of favoring members of one's in-group over out-group members

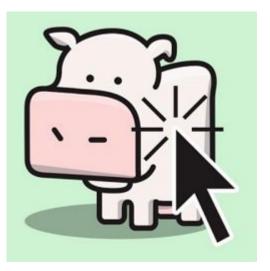


- Connect to meaningful communities
- Allow users to group and regroup
- Support community internal activities
- Support setting shared goals
- Support status and reputation representations
- Support players representation customization



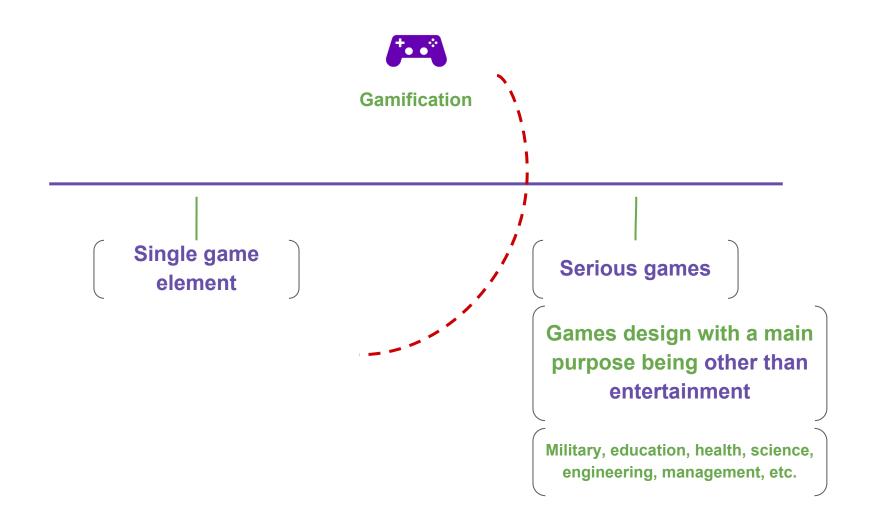






Cow Clicker by lan Bogost







Gaming can make a better world | Jane McGonigal