

- a Strength Exergame Inspired by Pokémon Go

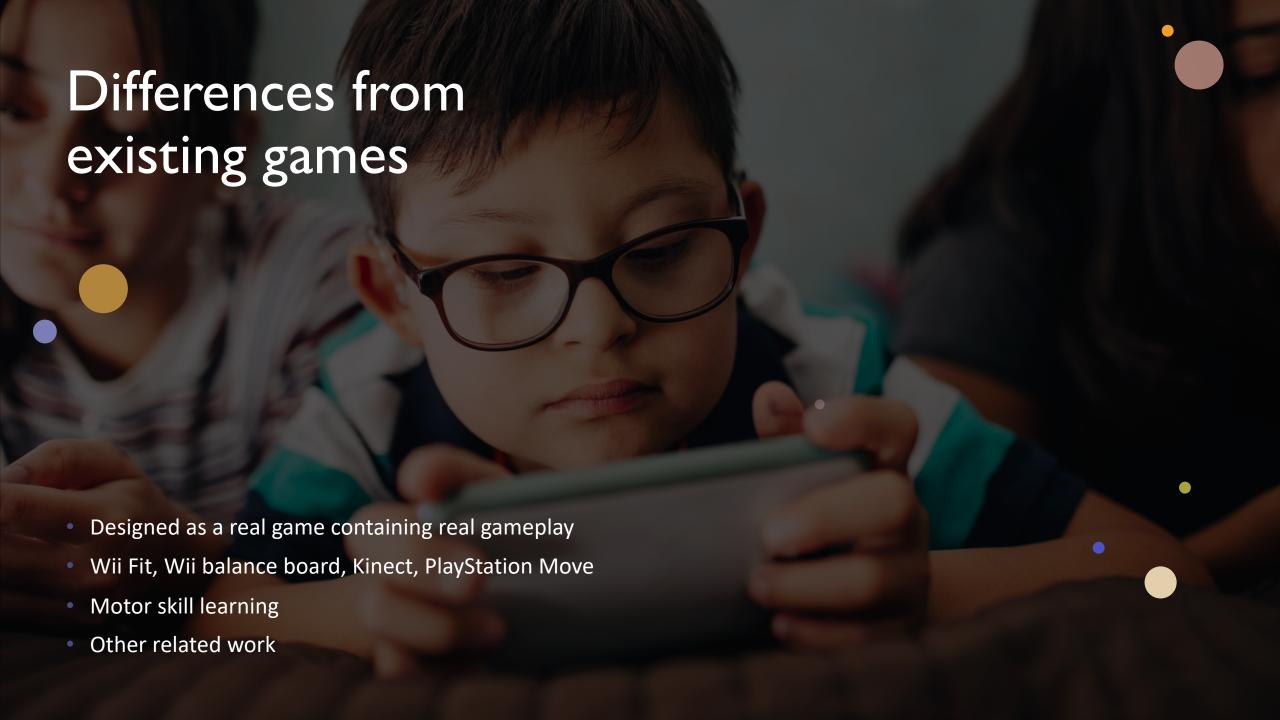
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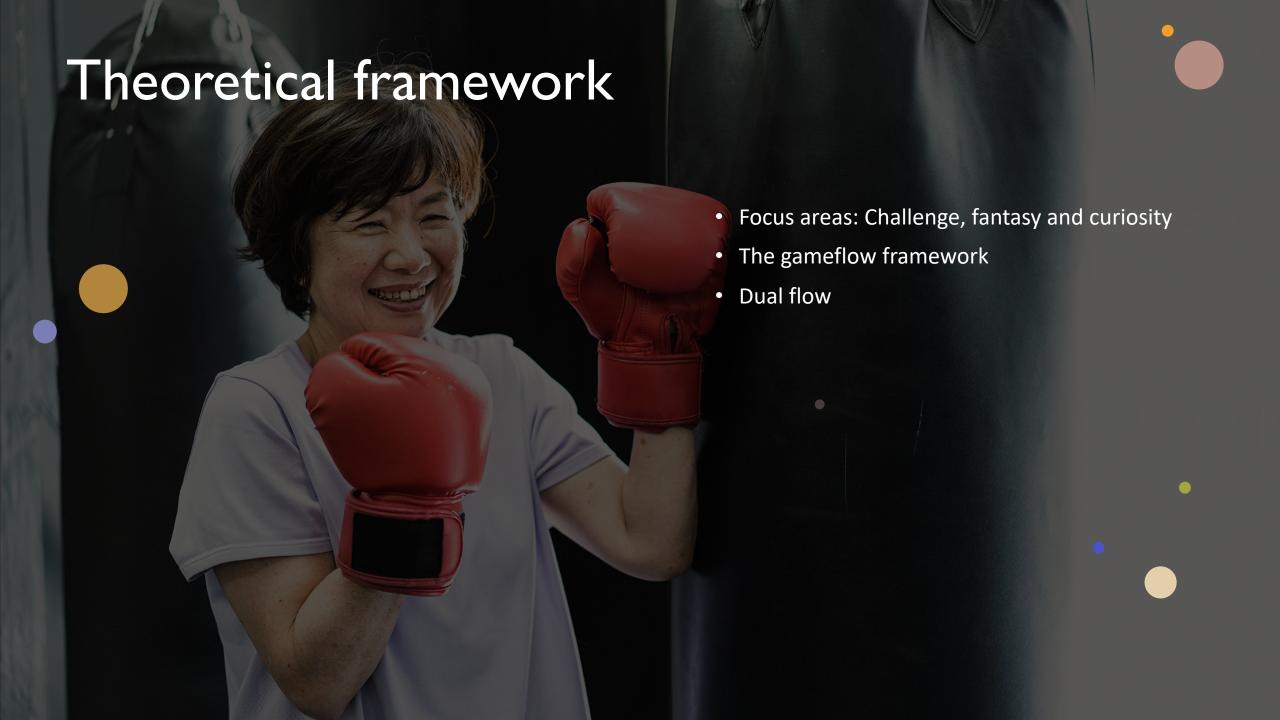


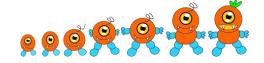
#### Inspiration

- Pokémon Go can be considered to be the most successful commercial exergame to promote physical activity with more than 650 million downloads worldwide
- Promote physical strength training
- Young adults as target audience



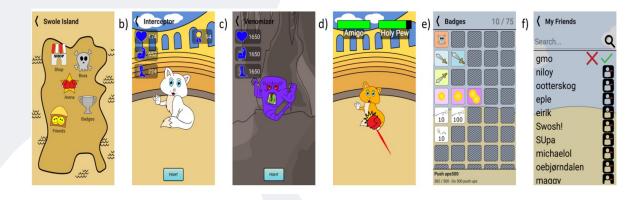


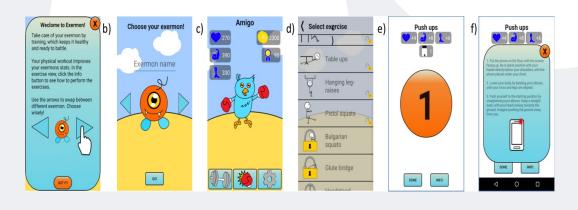




## Gameplay

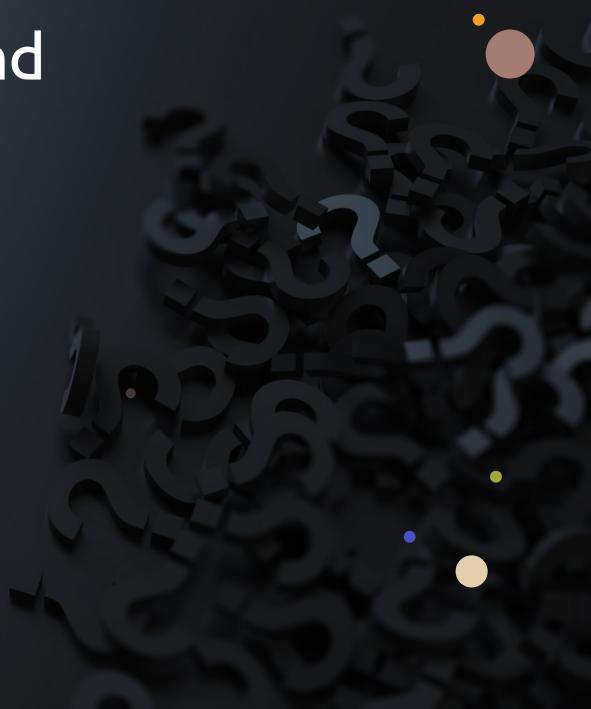
- User exercises -> exermon grows
- Connect with friends to fight and compare
- Training, planning and fighting
- Tracks smart phone's proximity and accelerometer sensors





# Research Questions and Research Approach

- "The purpose of this study was to evaluate the effect of using a game as a motivation for strength training from the point of view of an adult in the context of everyday life."
- Five research questions:
  - RQ1 What is the physical effect from playing the Exermon game?
  - RQ2 What is the motivation effect of playing the Exermon game?
  - RQ3 What is the enjoyment effect of playing the Exermon game?
  - RQ4 What is the engagement effect of playing the Exermon game?
  - RQ5 How does the control, progression and social interaction affect the Exermon game experience?



## Results

- 24 subjects tested the game over two weeks
- Survey, observations, interviews and logs from the game server
- The game gave a positive physical effect but not on all test-subjects
- The game has a motivational effect on the players, but there is room for improvement for making the game even more motivational
- The game was found to be enjoyable, but more content should be provided to keep the game enjoyable over time
- Less aware of their surroundings

#### Technical challenges

The problem of cheating

Threats to validity of the result

#### Discussion

#### Conclusion

- Great potential for exergames with strength training
- Require players to be interested in doing strength exercises

