

Group work Interactive Design work

DPSD19028 Damianou Phaedra

DPSD18059 Kyriakou Marina

DPSD18108 Striligkas Emmanouil

Brief : Creating an entertainment game for children aged 7-12 years old. The game aims for the user to place 3 identical pieces in a consecutive sequence of positions before his opponent.

People : • Age : 7-12 years old

- All weight and height range
- Novice user
- No special needs
- Heterogeneous mix due to diversity of people in terms of body and character traits , with homogeneity in age range and school tenure
- Discriminating users use it at times in play situations and interaction with another person.
- Infrequent users , as it is a game and not a daily need of individuals.

Activity :

- Infrequent use
- Relaxation game with a short duration (1- 5 minutes) as it is a game with no particular difficulty in achieving the goal
- Level of functional difficulty : Easy
- Continuous
- 2 opposing players (no cooperation)
- Simple command process
- Response time : immediate
 - Safe design for children - Non safety critical as children are of an age where there is an early maturation without the risk of swallowing a piece.
- Serial task- no other activities are included in parallel
- Active - users act for the continuation of the
- Quantity > Quality
- Input requirements: touch
- It will not have error signs. Context :
 - Organisational: Does not affect individuals organizationally
 - Physical: internal - because of the technology used
 - Social environment: part of home operation
 - Circumstance: employment of play in entertainment or relaxation situations at home.
 - New knowledge: understanding of how the game is played by the individuals who play it.

Technology:

- Input : Selection of commands by touch.
- Output : Color-changing lights
- Communication : No communication between devices.
- Content : Understanding of two patterns and success through a continuous series of three repetitions of the same pattern.
- Technologies: Light sensor , touch sensor , no network operation.