



# SERIOUS GAME PLATFORM

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# Introduction

- The developing system is a platform for creating serious games.
- The users of the system are:
  - ▣ The administrator
  - ▣ The expert e.g. child psychologist
  - ▣ The educator e.g. teacher, parent
  - ▣ The player
- The category of players in which the system refers to, are children.

# Introduction

- To enter the system user authentication is required
- A guest category will be also available
- Each user of the system will have an individual profile and a different role, impact in the process to the final goal
- The available games can be either learning theory based or free

# Main goal of Serious Game Platform

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- The main goal of the system is to give the chance to the educator to create a personalized game for the player which will aim to educate the player in a specific topic.

# Main Components of Serious Game Platform

- The main components of the system are:
  - User authentication
  - User profile area
  - Game editor
  - Object editor
  - Template editor

# Administrator: User role description

- Administrator
  - ▣ As globally, can make any desired action with no limitations
  - ▣ Manage security issues
  - ▣ Inherits all the actions of the lower level users
  - ▣ Only the administrator can create/delete an account of expert, educator

# Expert: User role description

- Set dynamically user's categories (age, special ability)
- Create and manage rules in respect with the learning theories
- Create and manage game template in accordance to appropriate rules for player's category
- Provide written analysis for each learning theory
- Provide recommended scenes and flow for the main templates
- Manage profile (personal)
- Play game

# Educator: User role description

- Create and manage Player's account
- Create and manage Players' groups
- Access Player's statistics, info
- Create game (theory based or free)
- Classify games that he have create in personal categories
- Manage games that he have create
- Set level of publicity of a game (private, public, protected)
- Manage profile (personal)
- Play game



# Player: User role description

- The player can be either a registered user of the system or a guest.
  - Registered user of the system
    - Play game
    - Manage profile (personal)
  - Guest
    - Play games which are defined as “public”

# Questions

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