Green Siesta Quiz

AR-BASED SERIOUS GAME

Augmented Reality (AR) is a technology that overlays digital content onto the real world in real time, enhancing the user's perception and interaction with their environment. In the Green Siesta Quiz, AR is used to provide a new experience for the user, who is represented as a cartoon avatar that can be customized (skin, hair, eyes etc.). Additionally, AR offers an extra form of interaction with the device through hand gesture recognition.





MULTILINGUAL SERIOUS GAME

The game is implemented as a multilingual game. All text within the game has been translated into five EU languages: **English**, **Croatian**, **Spanish**, **Hungarian** and **French**.

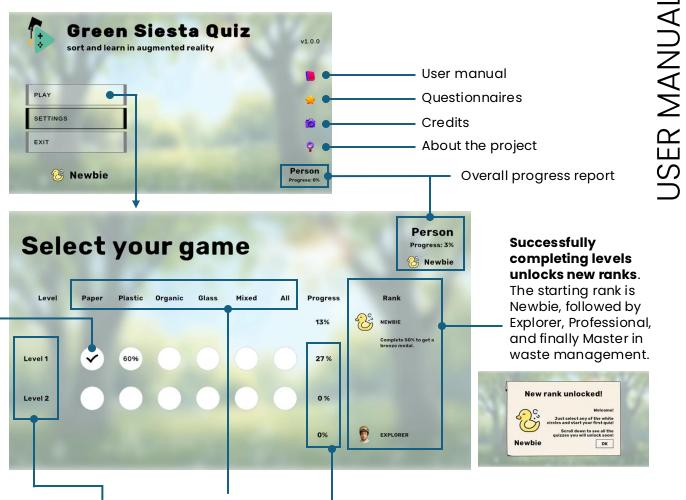
GREEN – THEMED SERIOUS GAME Paper, plastic, organic, glass and municipal waste management

In Green Siesta Quiz, players test their knowledge through two types of quizzes: a multiple-choice quiz featuring fun facts about waste management, and a sorting quiz where players must correctly place waste items into the appropriate recycling bins.

The game covers various waste categories, including **paper**, **plastic**, **organic**, **glass**, **and municipal waste**. With **8 levels** in total, each new stage introduces a fresh set of questions and increasingly complex sorting tasks, gradually raising the difficulty to keep the experience both educational and engaging.



Gameplay information



Game has 8 levels for each type of waste with progress report!



The tutorial launches automatically when accessing the app for the **first time**. It can also be started at any time by pressing a button.

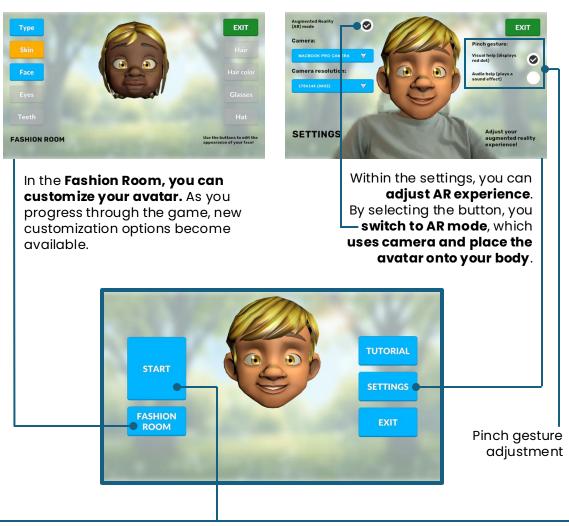


By selecting one of the available white circles, the user is taken to the main game screen.

Inside white circle the check mark signifies a perfect level completion (100%), while partially correct answers are displayed as a percentage score.



Project reference: 2022-1-HR01-KA220-HED-000088675



Multiple-choice quiz

Sorting quiz



After the quiz is completed, the achieved **score percentage** is displayed along with options to start a **new game**, **reset**, or **exit**.



DOWNLOAD GAME AND MORE INFO:

https://sociallab.fer.hr/play2green/green-siesta-quiz/

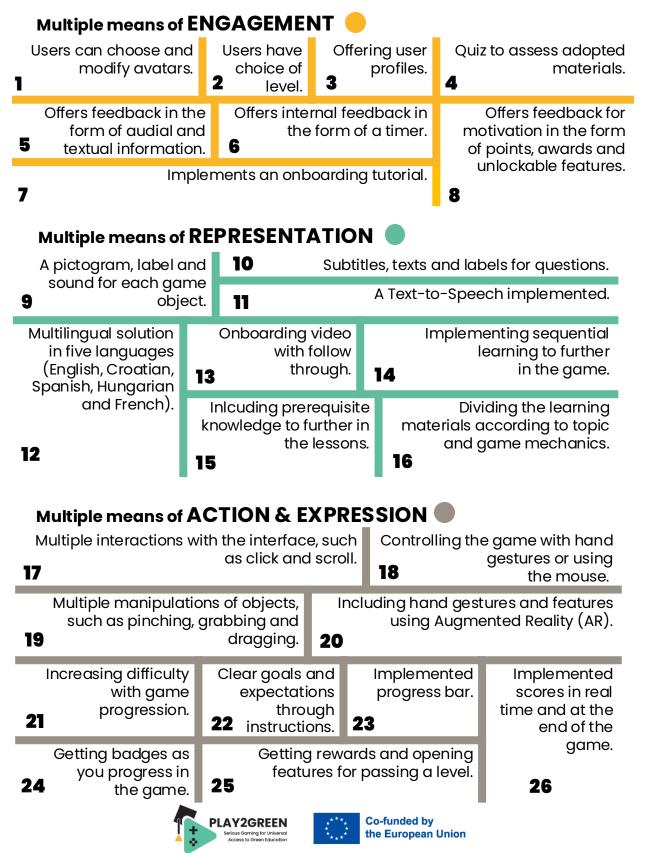


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UDL GUIDELINES

The **Green Siesta Quiz** serious game implements **26 Universal Design for Learning (UDL)** guidelines. According to these guidelines, they are divided into three pillars that offer multiple means design guidelines for: Engagement, Representation and Action & Expression.



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