



## V2U FUNCTIONAL TRAINING VR SYSTEM

**Functional Training** Game is a digital platform for **Functional Training in Virtual Reality**. Used by training professionals to engage people into **Functional training and evaluate** their physical abilities using immersive technology .

### Testing and Reporting:

Trainers are able to make training programs from many exercises and engage their customers to move more



#### Training Software and service

- Functional Training Game software platform
- Initial training

#### Hardware components

- Computer with a touchscreen
- Kinect v2 sensor
- Special trolley

## Technology:

Infrared and sophisticated image processing techniques.

Kinect V2 sensor creates a **depth map**. Body's position and movement in space can be observed. Pose detection algorithms detect the position of 25 body parts in real time

## Unique features:

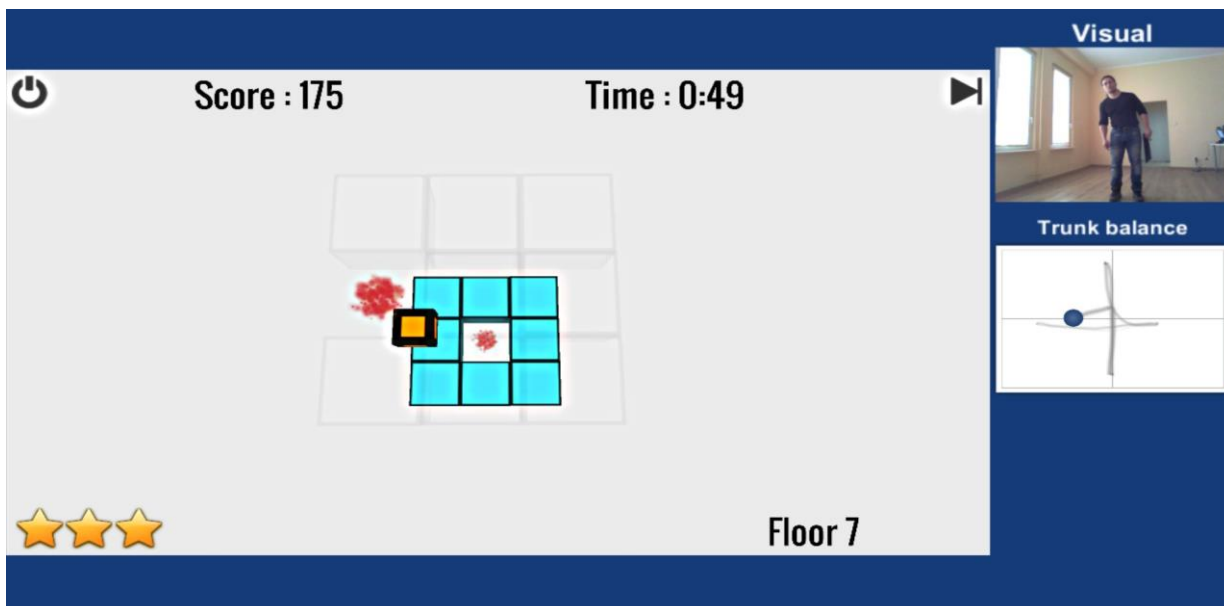
**PLAYER** controls the game and it is called **immersive technology**.

**Exercises in sequence:** Exercise are in a Group of poses to be performed in a predefined manner. Player needs to successfully perform every pose defined in the sequence.

**Threshold:** Correctness of each pose is calculated according to the threshold. Threshold defines the tolerance of pose detection algorithm for player's errors.

**Difficulty level:** 1-30 difficulty levels.

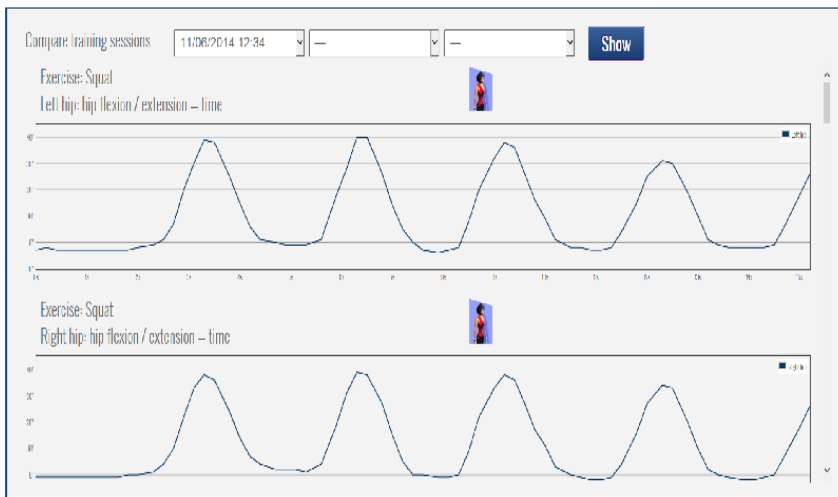
## In-game real-time biofeedback



**Assessment :** Functional Training Game offers a wide range of assessments to measure the physical capabilities of a user.



## Motion data reports



**Results are :** graphical form as charts and tables.





## V2U Healthcare Pte. Ltd

Address : 22 Sin Ming Lane #07-88 MidView City, Singapore 573969

Telephone : +65 65700055

Fax : +65 65703394

Email : [business@v2uhealth.com](mailto:business@v2uhealth.com)

SINGAPORE  
QUALITY CLASS  
SERVICE 2020 - 2023

