

A photograph of a business meeting. In the center, two people are shaking hands. To the left, another person is pointing at a document on a table. The background is blurred, showing other people and office equipment. The text is overlaid on the left side of the image.

# Emergency Alert and assessment for training purposes

CHAOUI, NADA

ROSARIO, REYNALDO

# Preview

- ❖ FEMA – Disaster Assistance
- ❖ Goal and Objective
- ❖ Software tools
- ❖ Modeling





# FEMA – Disaster Assistance

- ❖ FEMA -The Federal Emergency Management Agency- coordinates the federal government's role:
  - ❖ Prepare for
  - ❖ Protect against
  - ❖ respond to
  - ❖ recover from
- ❖ Response to hurricanes, earthquakes, floods and other natural disasters.



# Goals/Objectives

- ❖ The logistics that FEMA goes through at an emergency alert of a disaster; receiving, storing and shipping
  - ❖ Simulation of an emergency alert of a disaster; receiving, storing and shipping
  - ❖ Training Assessment
- ❖ Our goal is to provide a virtual environment that corresponds to FEMA's requirements and needs to train their employees virtually.
- ❖ The use of a virtual environment will help them train their employees before they go on site which will save them time and money.

# Software Tools

- ❖ Google Sketchup
- ❖ Vizard



# Modeling

- ❖ a warehouse building
- ❖ parking space
- ❖ grass
- ❖ Sky
- ❖ people
- ❖ trucks
- ❖ trailers
- ❖ mobile office

- ❖ computers
- ❖ equipment
- ❖ tents
- ❖ cargo plane
- ❖ portable restrooms
- ❖ houses
- ❖ ramps
- ❖ yellow cones



# Modeling


- ❖ Lights
- ❖ Timers
- ❖ Keyboard functionalities
- ❖ Avatar Animation
- ❖ Audio file





Bird view of our environment





Welcome to the LSCMS Virtual Training Course

To go to a specific location, use the menu on the right.

To move or navigate through the environment using the mouse:

- Press the left button and drag UP to move forward
- Press the left button and drag DOWN to move backwards
- Press the left button and drag RIGHT or LEFT to move in that direction
- To move or navigate through the environment using the keypad, use the arrow keys.

Click OK to continue

OK

Where do you want to go?

- LSCMS ISB Training Site
- Receiving Gate 1
- Receiving Gate 2
- Trailers Staging Area
- Mobile Office (Inside)
- Mobile Office (Outside)
- Distribution Center
- Mobile Housing Units
- Cargo Plane

Exit

directory panel while running the application



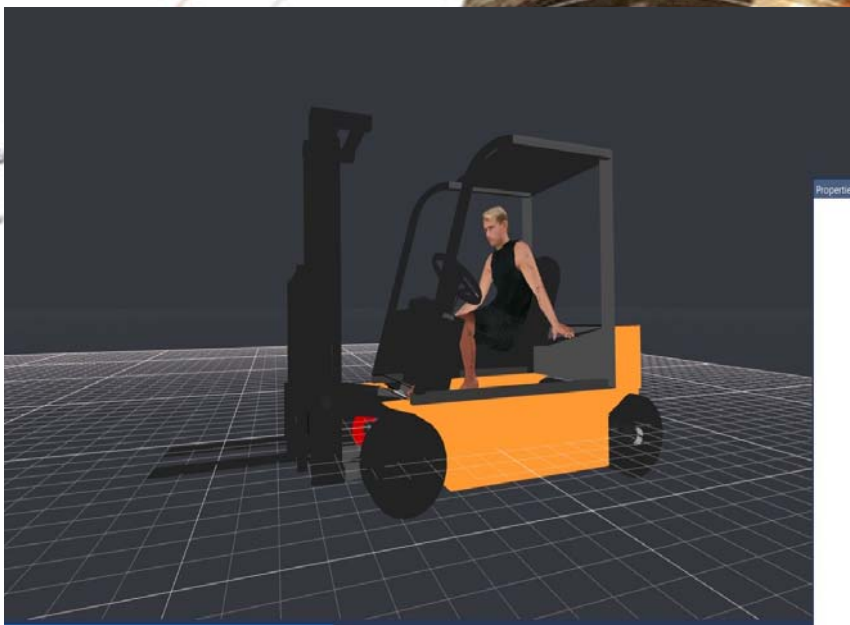
The front of the warehouse



The inside of the warehouse



An employee directing the car while parking



Fork lift used inside the Warehouse



Portable Restrooms



- Where do you want to go?
- LSCMS ISB Training Site
  - Receiving Gate 1
  - Receiving Gate 2
  - Trailers Staging Area
  - Mobile Office (Inside)
  - Mobile Office (Outside)
  - Distribution Center
  - Mobile Housing Units
  - Cargo Plane
- [Exit](#)

Cargo Airplane



- Where do you want to go?
- LSCMS ISB Training Site
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  - Cargo Plane
- [Exit](#)

Mobile Housing Unit



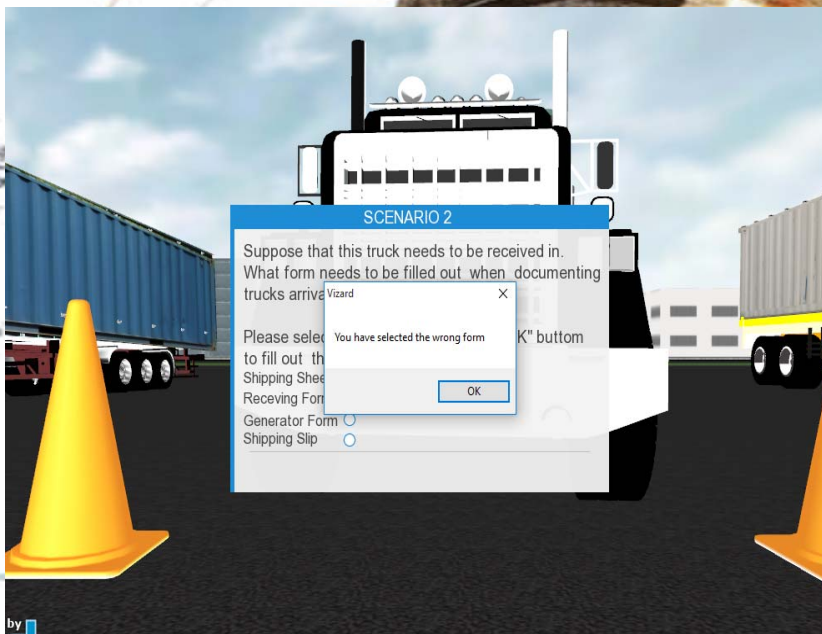
The simulation of the fire:  
Picture Before the Fire  
When the simulation starts,  
the shade of the screen  
changes to sepia and the  
timer starts



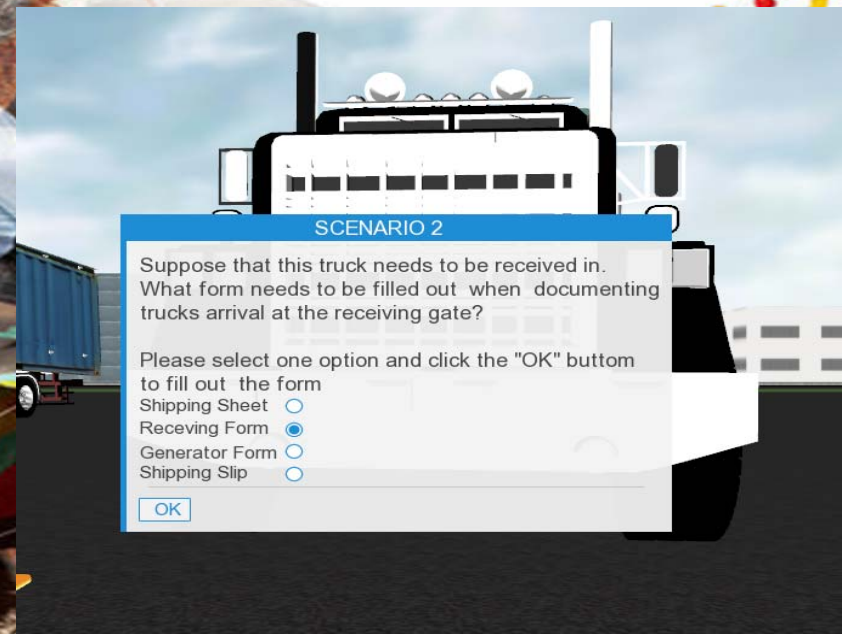
Receiving Gate 1 Training info panel



Receiving gate1 pop up question panel



Pop up error message in case of selecting the wrong answer



The OK button appears when the user selects the correct answer



Receiving gate html form

Confirmation pop up when submitting the form



- Where do you want to go?
- LSCMS ISB Training Site
  - Receiving Gate 1
  - Receiving Gate 2
  - Trailers Staging Area
  - Mobile Office (inside)
  - Mobile Office (Outside)
  - Distribution Center
  - Mobile Housing Units
  - Cargo Plane
- Exit



- Where do you want to go?
- LSCMS ISB Training Site
  - Receiving Gate 1
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  - Mobile Office (inside)
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  - Mobile Housing Units
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- Exit

Mobile Office - outside

Mobile Office - inside



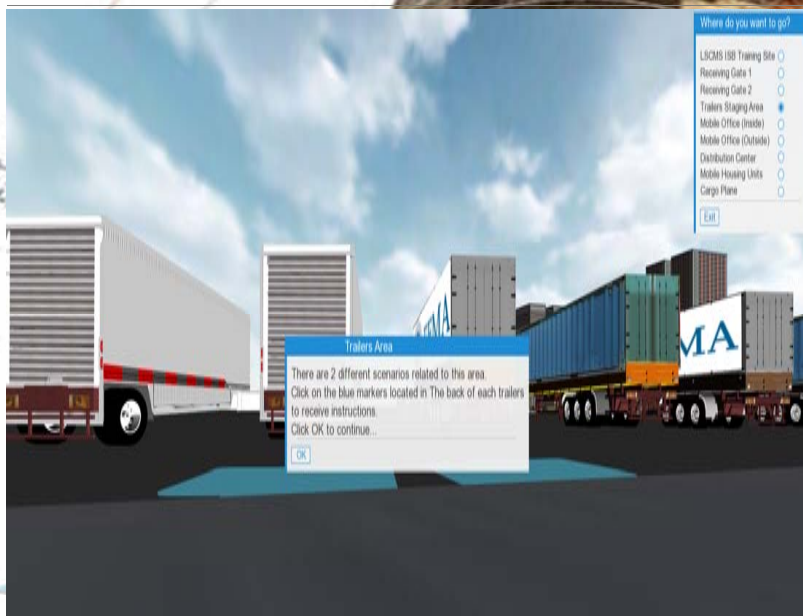
The inside of the Mobile Office details



The inside of the office at the Receiving view before the submission of the form



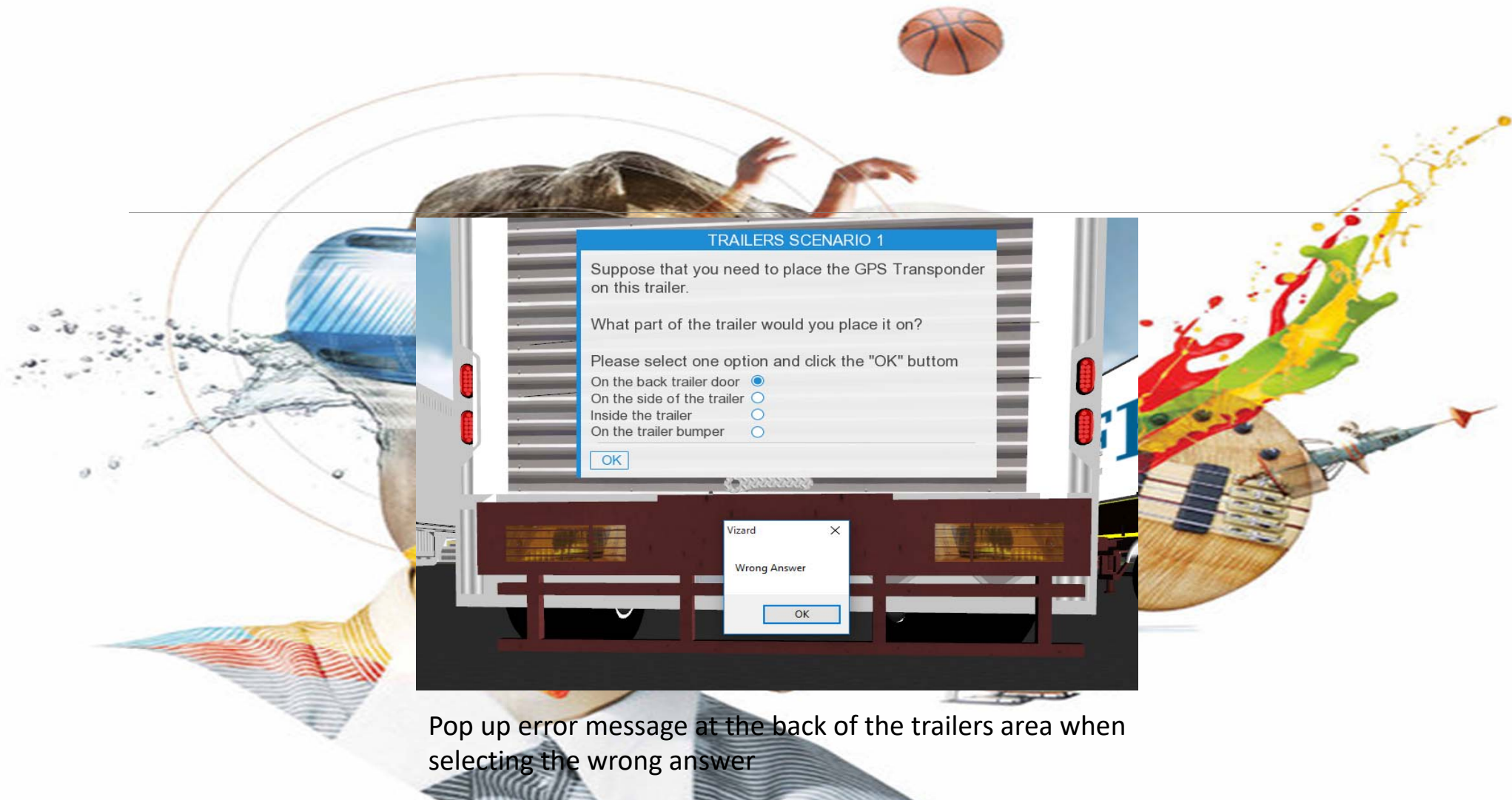
The inside of the office at the Receiving view after the submission of the form



Info panel message at the back of the trailers area



Info panel message at the back of the trailers area that tests the trainee



Pop up error message at the back of the trailers area when selecting the wrong answer



Time Out info panel message when the timer is over



Thank you