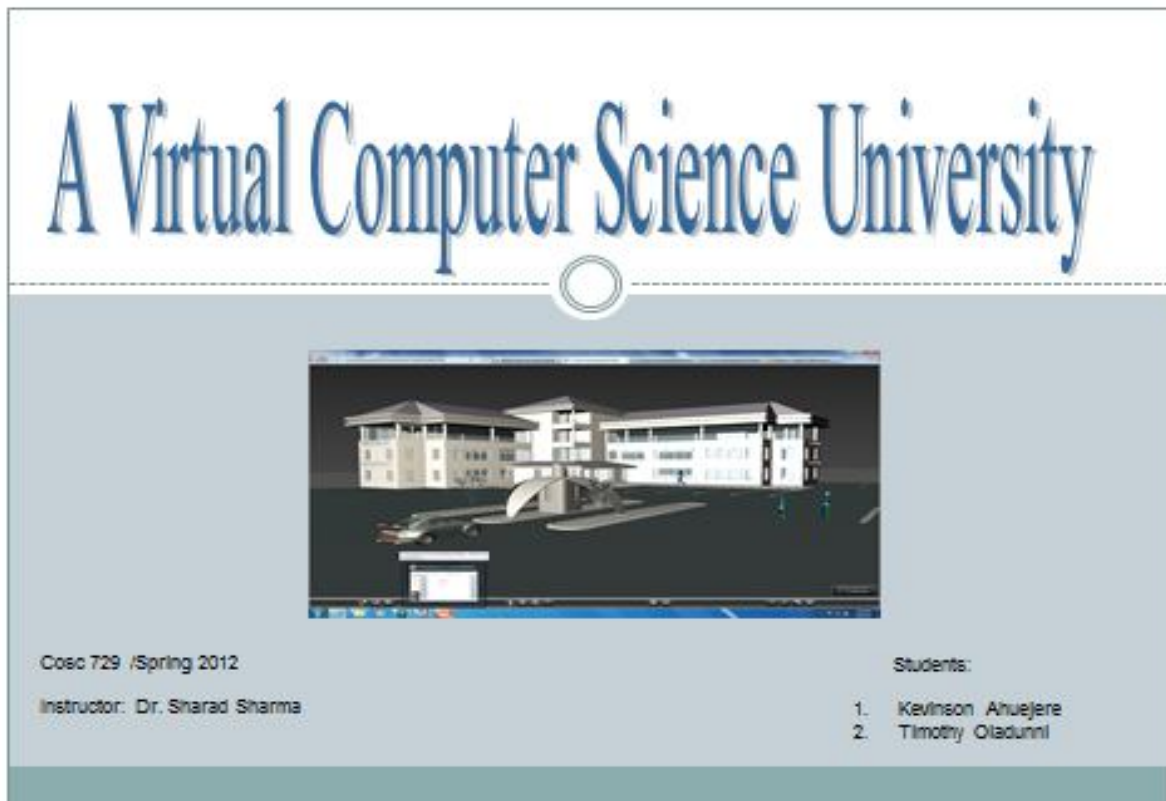


Title: A VR Classroom for Distant Education

Students:

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2. Timothy Oladunni

Faculty: Sharad Sharma, PhD.



Materials copied from other sites include:

1. Building from Turbosquid - www.turbosquid.com/
2. Humans from 3dmax

Implementation Tools



- ❑ Virtual Reality Modeling Language
- ❑ 3DMax Design Application
- ❑ Virtools 5.0 Design Application
- ❑ Cortona Web Player

Goals And Objective



A virtual Computer Science University:

- Gives a prospective students and faculties a proper assessment of the university
- Makes the university more accessible to the public

VRML Added Functionality

texture ImageTexture

```
{  
    url "wall texture1.jpg"  
}
```

Anchor {

description ""

parameter ""

url "computerlab.wrl"

children [

DEF Plane007 Transform {

translation -1775 135.6 112.5

rotation -0.5861 -0.5595 0.5861 -2.121

scale 0.5674 1 1.04

scaleOrientation 1 0 0 -0.04645

children [

Shape {

appearance Appearance {

material Material {

diffuseColor 0.7882 0.7882 0.7882

ambientIntensity 1.0

specularColor 0 0 0

shininess 0.145

transparency 0

```

    }

    texture ImageTexture
    {
        url "wall texture1.jpg"
    }
}

geometry DEF Plane007-FACES IndexedFaceSet {
    ccw TRUE
    solid TRUE
    coord DEF Plane007-COORD Coordinate { point [
        -1290 0 285.5, 1290 0 285.5, -1290 0 -285.5, 1290 0 -285.5]
    }
    coordIndex [
        2, 0, 3, -1, 1, 3, 0, -1]
    }
}
]
}
[]}

```

The Design Environment include: Students walking into the department's building, go to the hallway, enter the classroom and laboratories and back to the hall way.

Computer Science Department
Bowie State University



Figure 1 shows the physical structure
of the main building.

HallWay



Figure 2 shows some students
walking on the hallway



Figure 3 shows students working out of the class room into the hall way.



Figure 4 shows a computer laboratory.

Problems



These are some of the problems encountered

1. Time
2. Limited personnel

Shortcomings



- The project only shows one classroom and one laboratory, with more time we could have shown more class rooms and laboratories.

Recommendation



- Provision should be made for more students
- Office of faculties should be shown