

Supporting Education in Virtual
Worlds with Virtual Learning
Environments

Daniel Livingstone

SLOODLE

***Simulation Linked Object Oriented
Dynamic Learning Environment***

JISC

UNIVERSITY OF THE
WEST of SCOTLAND
UWS



The Open
University

 University of
ULSTER

**Imperial College
London**

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San José State
UNIVERSITY

Zen and the Art of Avatar Maintenance

A meditation on virtual worlds
May 2010



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www.eduserv.org.uk



John Kirriemuir
Virtual World Watch
www.virtualworldwatch.net



No AVs within 96m

Announcements

Course Information

Staff Information

Course Documents

Assignments

Communication


External Links

Tools

References

Tools

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-  Course Tools
-  My Portfolios
-  Course Map

 Control Panel

 Refresh

 Detail View



Course Documents



Lectures



Labs



Recommended Reading



Demos



Exams



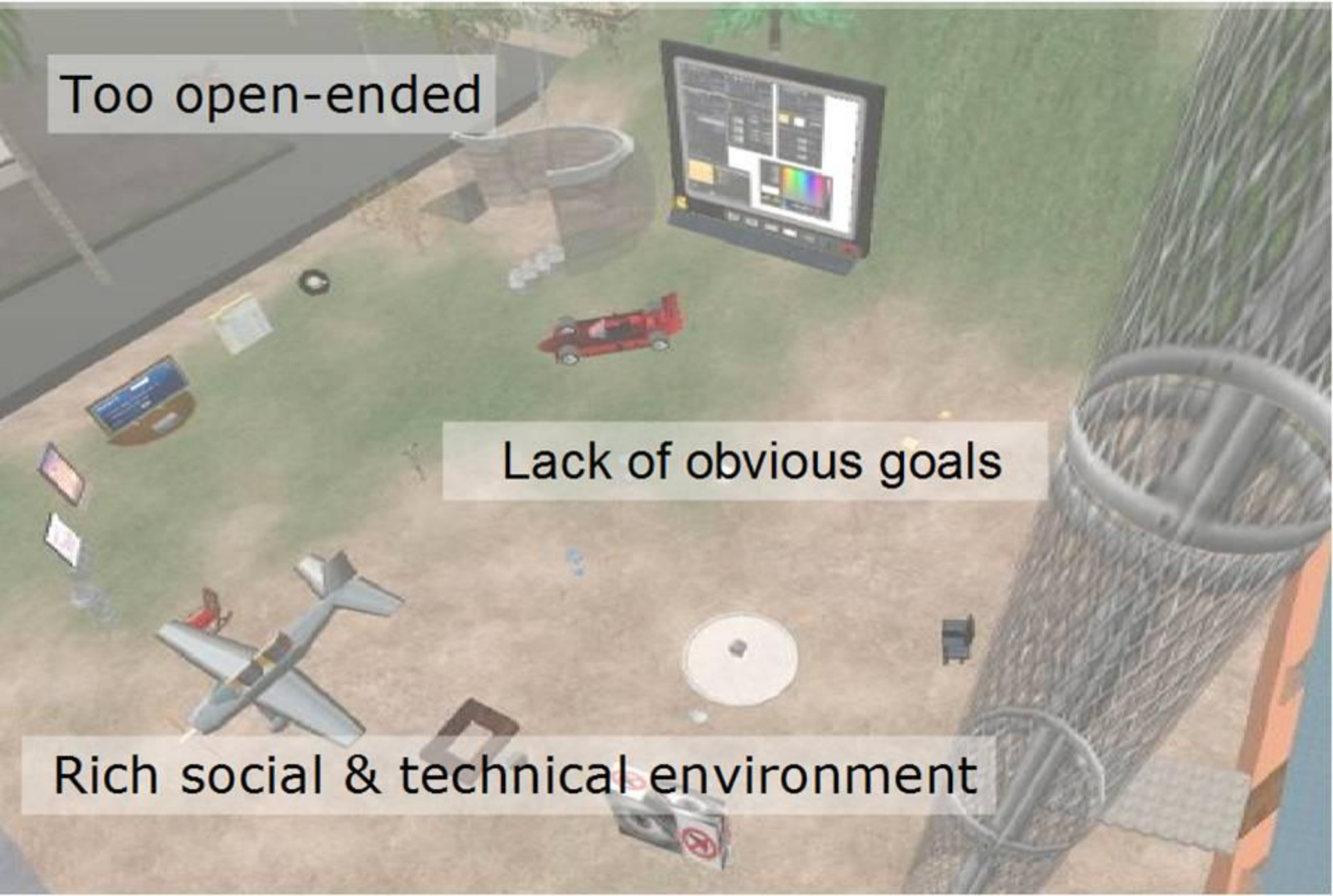
Working as a Team

Teaching in SL: My first experience

Too open-ended

Lack of obvious goals

Rich social & technical environment



VW vs VLE

Virtual World

Rich, detailed, visual

Confusing, disorienting, weird

Virtual Learning Environment

Dull, plain, boring

Straightforward, simple, safe

Second Life

Virtual Environment

- Avatars
- 3D construction
- Interactive scripts
- Immersive settings
- Virtual manipulatives

Moodle

Learning System

- Structured lessons
- Threaded discussion
- Assignment drop-box
- Self scoring quiz
- Roster / grade book
- Long-form documents

SLOODLE

Simulation-Linked Object Oriented Dynamic Learning Environment

Touch, walk through and fly around learning exercises mirrored on the Internet and the Metaverse. Blocks in Moodle become 3D objects in Second Life. Chat logs, objects and Second Life snapshots become contributions to the Moodle classroom. Two developer communities come together to create entirely new teaching tools that motivate while offering hands-on exploration.

SLOODLE

Simulation Linked Object Oriented
Dynamic Learning Environment

[Home](#) [Blog](#) [Downloads](#) [Forums](#) [About](#) [Help](#)

You are logged in as Daniel Livingstone: Student (Return to my normal role)

SLOODLE ► Music-Demo

Return to my normal role

Topic outline

SLOODLE Sound and Music Demo Course

Welcome to the Sound and Music SLOODLE demonstration course. This course has been set up to demonstrate how SLOODLE may be used to support learning and teaching in Second Life through improved integration with Moodle.

In this course you will learn a little about sound and music, and as you work through the exercises you will also (we hope!) learn a little about some of the ways in which SLOODLE can help support learning. In this demo you will be switching between Moodle and Second Life quite frequently - in practice this is something that we would expect to happen less often in most 'real' classes.

 [News forum](#)

 [Sloodle Controller: Sound and Music: Second Life Interface](#)

SLOODLE Menu

Your avatar:
Buddy Sprocket

-  [My SLOODLE profile](#)
-  [Course Activities](#)
-  [Course Login Zone](#)
-  [Avatars](#)




SLOODLE Menu Version: 0.4

SLOODLE Version: 0.4

Blog Menu

- [Add a new entry](#)
- [View my entries](#)
- [Blog preferences](#)
- [View course entries](#)
- [View site entries](#)
- [Add/delete tags ...](#)

Administration

-  [Assign roles](#)
-  [Grades](#)
-  [Unenrol me from Music-Demo](#)

1

Get Started

If you already have your Second Life account, and are using a machine with the Second Life client software installed, you can start by teleporting into the demo class in Second Life - **take a second to read through these instructions first!**

1. Teleport to the Sound and Music class in Second Life:
Via SLurl [teleport now](#) or direct [teleport now](#)



Get Started

If you already have your Second Life account, and are using a machine with the Second Life client software installed, you can start by teleporting into the demo class in Second Life - **take a second to read through these instructions first!**



1. Teleport to the Sound and Music class in Second Life:
Via SLurl [teleport now](#) or direct [teleport now](#)
2. At the start of the class you will find an Enrolment¹ Booth - click on this to enrol your avatar in the class. This also serves to link your avatar and your Moodle account (see picture)
3. This should present a dialog asking you to visit a web-page - follow the instructions, and your avatar should be linked automatically to your Moodle user account.
4. You can verify that you have enrolled your avatar successfully by checking the 'SLOODLE Menu' block at the top right of this page - your avatar should be listed there. You can use the "My Sloodle Profile" link to remove an avatar if you wish to change avatar at any time.
5. **Alternatively** you can try the Course LoginZone. Visit the [LoginZone page here](#), click the button to generate a new login position and then click to teleport your avatar to the login position.

If you have *not* yet created a Second Life account you can do so by clicking [here](#) -- but be aware that this demonstration class does not include a complete Second Life orientation.

¹No, it's not a typo. Enrol is the correct UK English spelling of Enroll (US spelling) 😊

The Music Quiz



To take part in the music quiz, simply click on one of the 'crotchet' chairs - after a short delay to initialize, the quiz will begin.

The quiz is given in dialog prompts - simply click the button which has the right answer each time.

Tutors can choose whether to allow multiple attempts, to include sounds when answers are right or wrong or to make the chair 'fall' when incorrect answers are given.

Once you have completed the quiz in Second Life, you can click on the quiz below to see your score (or even have another attempt - answering the questions in Moodle instead of in Second Life). Tutors can see the scores from all attempts.



Music Quiz

Excellent!

Very Good

PASS

FAIL

Very Bad

Owner
Buddy Sprocket

Pedro McMillan's 'Quiz Chair'
How many keys are on a modern piano?

- 1: 64
- 2: 72
- 3: 88
- 4: 96

4

1

2

3

Ignore

Stand

Speak

Gesture

Move

View



1 

Which instrument makes the lowest sound?

Marks: 1

Choose one answer.

- a. Cello
- b. Double Bass
- c. Viola
- d. Violin

2 

What does allegro mean?

Marks: 1

Choose one answer.

- a. Lively
- b. Slow

3 

How many keys are on a modern piano?

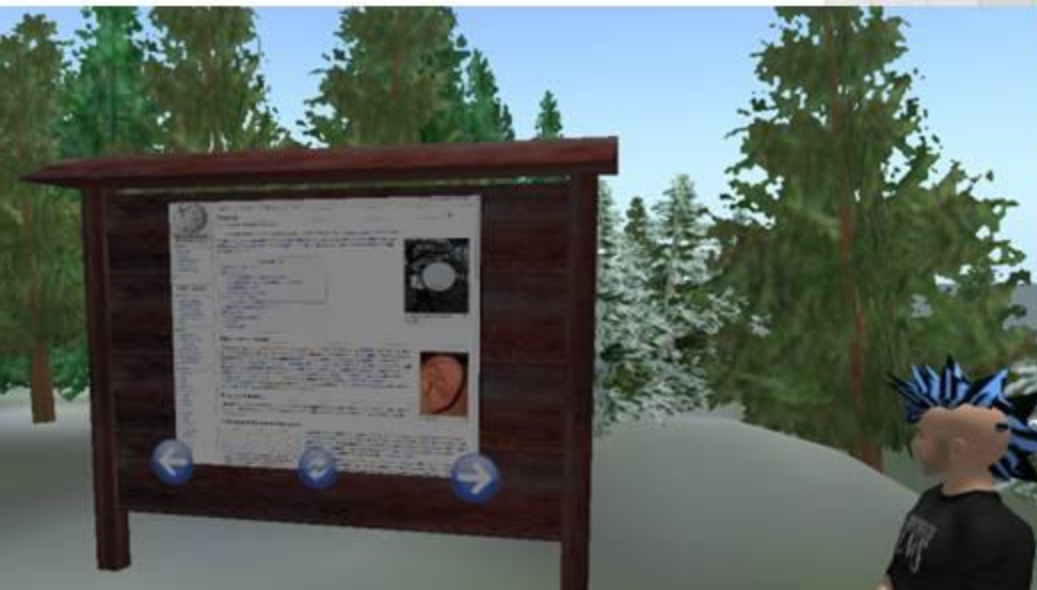
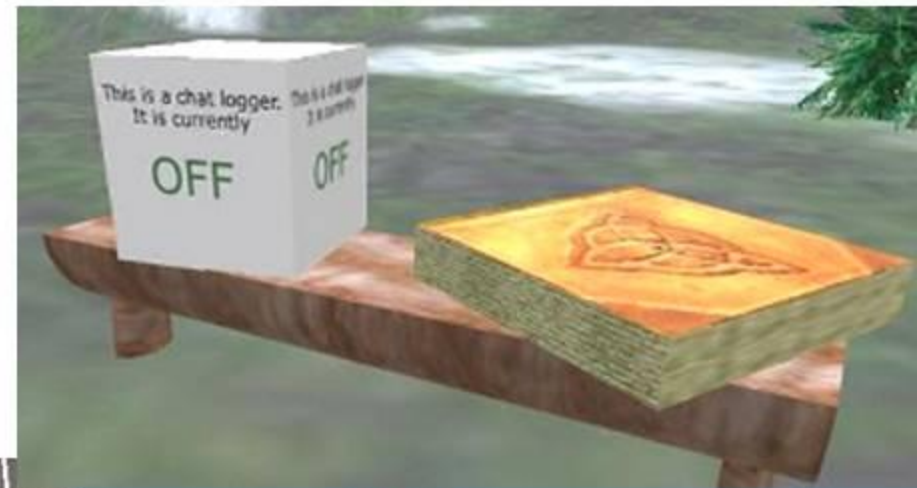
Marks: 1

Choose one answer.

- a. 64
- b. 72
- c. 88

Mirror activities in VW & VLE

- Web-intercom (text chat)
- Glossary
- Choice
- Presenter

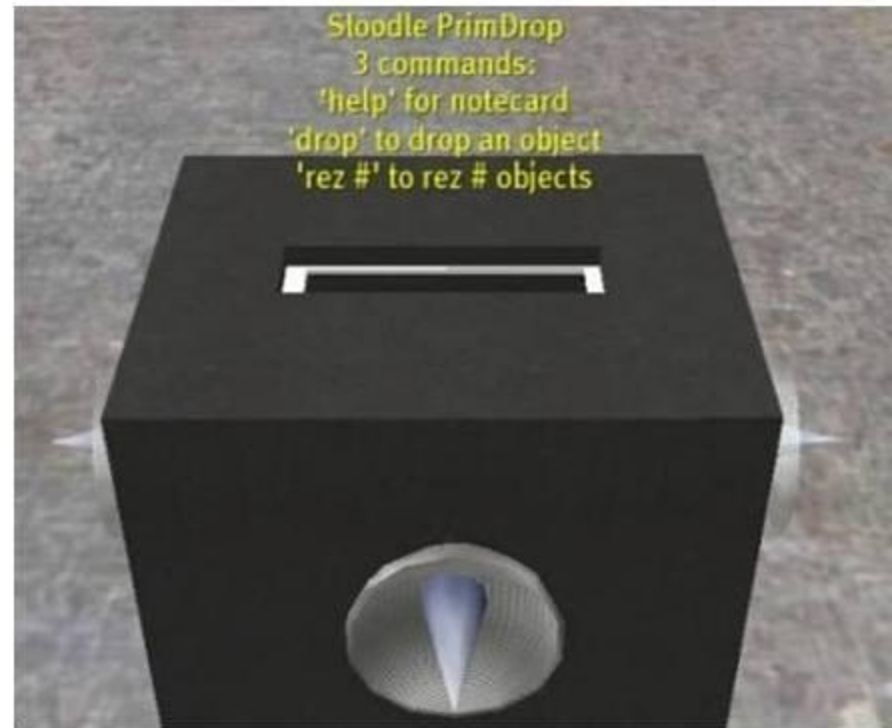


VLE to manage VW activities: Dropbox

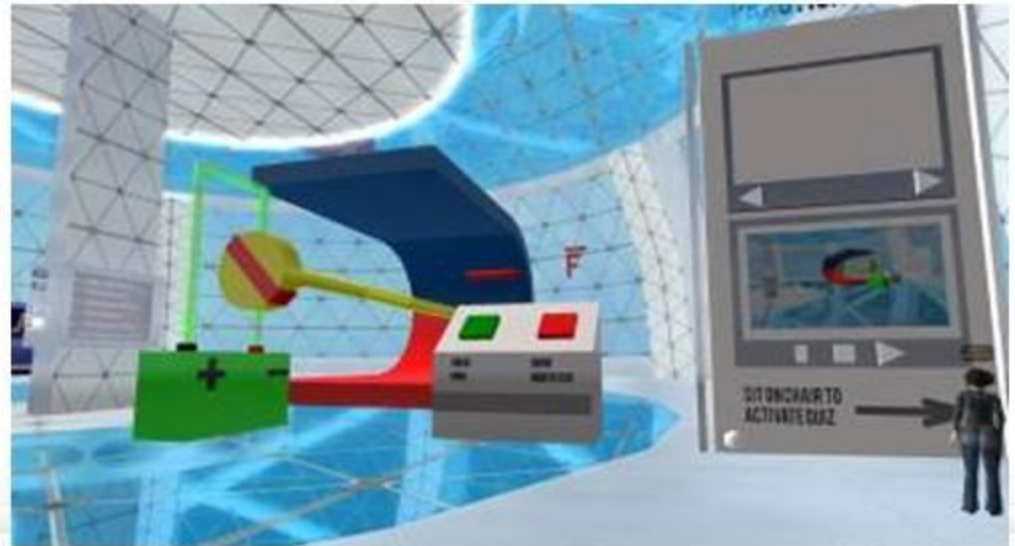
Gradebook
Integration

Check for
full-perms

Record submission
in Gradebook



VLE to direct VW learning activities: Practical



SecondLife Course 01

secondlife-educator > SL01 > SLOODLE Modules > Second Life Practical: Practical One

Second Life Practical: Practical One

Module Type: Second Life Practical

ACTIVITY IN SECOND LIFE

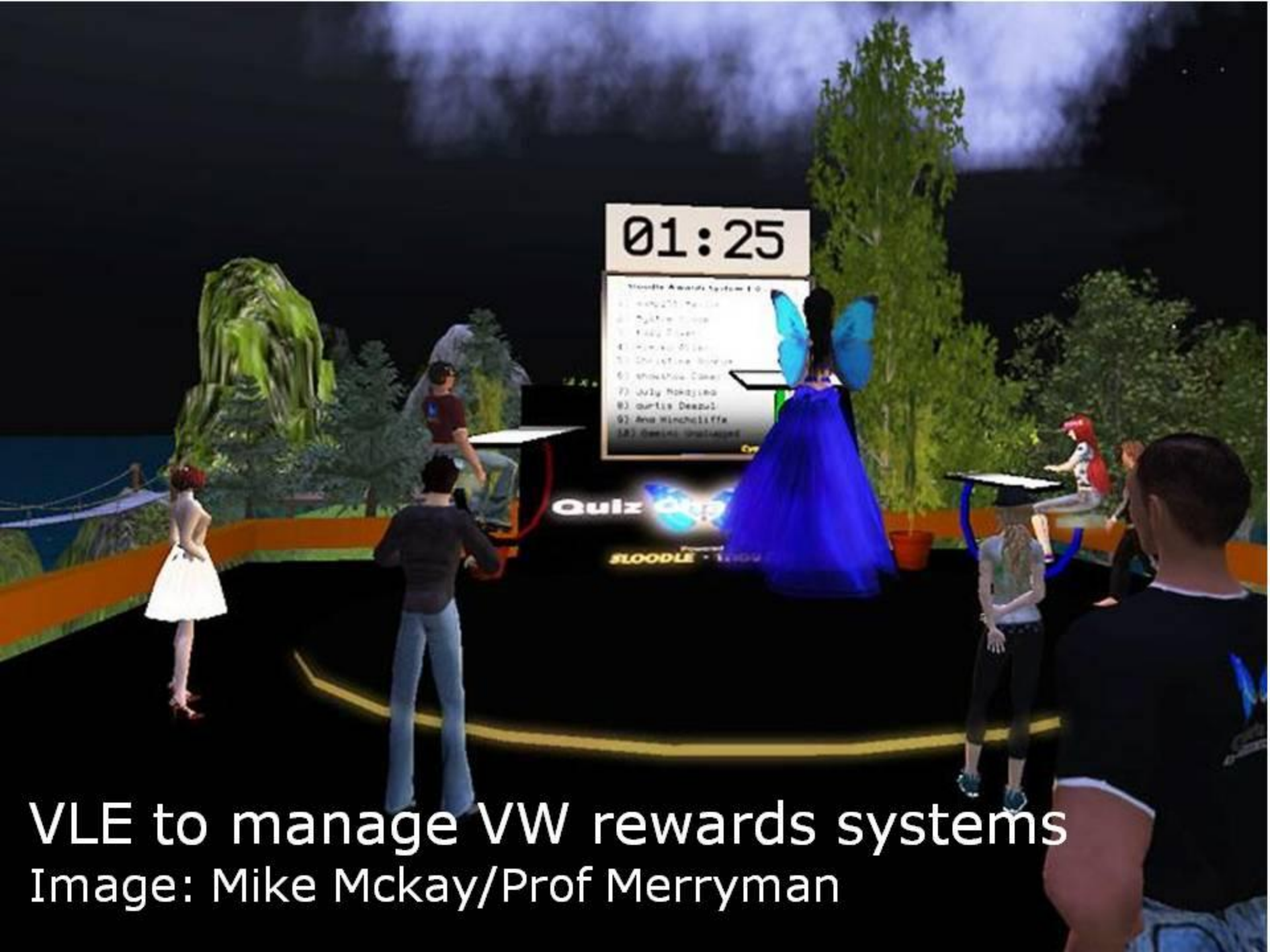
User	Avatar
julo lopez	Julo Solo

Assignment

Object Name	Task Description	Level of Completion	Date
Task 1	Enter virtual world and go to interactive simulation .	Not Completed	-
Task 2	View video in world about learning outcomes	Not Completed	-
Task 3	View slide show showing tasks	Not Completed	-
Task 4	Press button 1 to turn on power	Not Completed	-
Task 5	Press button 2 to observe magnetic fields	Not Completed	-

Overall percentage of tasks completed:0%

Michael Callaghan & Kerri McCusker
 Intelligent Systems Research Centre, University of Ulster



01:25

- Yoodle Awards System 1.0
- 1) [Name]
 - 2) [Name]
 - 3) [Name]
 - 4) [Name]
 - 5) [Name]
 - 6) [Name]
 - 7) [Name]
 - 8) [Name]
 - 9) [Name]
 - 10) [Name]

Quiz

YOODLE

VLE to manage VW rewards systems
Image: Mike Mckay/Prof Merryman

Favorites Bar

Scavenger Hunt

100
POINTS

each

Find the Cups!

Top Scores Page 1

Sloodle Island Scavenger Hunt

1) abayah Berlin	2200
2) Ocean Static	1210
3) Fire Centaur	200
4) Merryn Lookley	200
5) Saketfuc Eban	100
6) monik Belgar	100
7) natalia Sitoko	100
8) Antoni Fabus	100
9) Draganac Westland	100
10) michal Kozicki	100

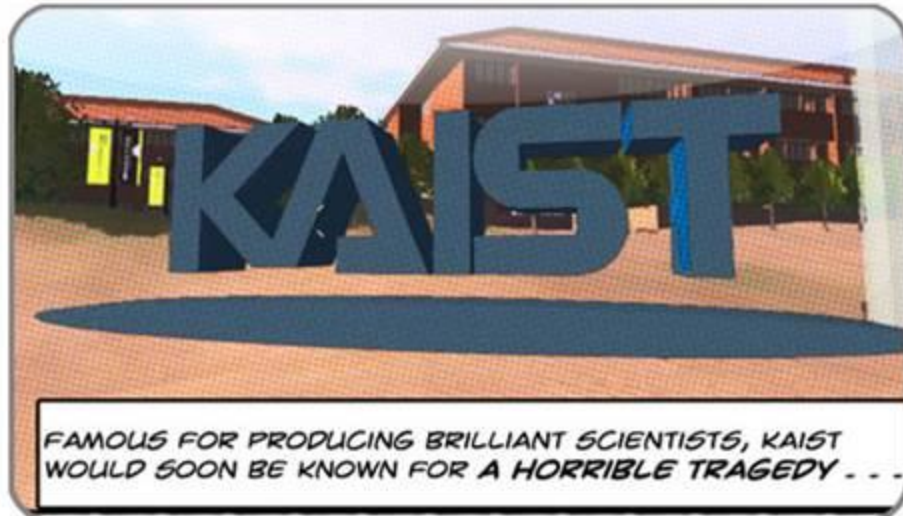


Supporting VW 'native'
learning activities

Engaging web content promoting immersion

Home

Devil Island Mystery



You and your classmates have won a trip to a tropical resort. You'll be enjoying some relaxing time on a luxurious island.

The journey begins, and you soon find yourself aboard a private jet on your way to your destination. What could happen?"



VW/VLE hosting and marketplace

B3D Multitech

HOME

STORE

LOGIN >

B3D

Professional Sloodle Hosting

Sloodle Hosting, B3D Multitech now offers professional Sloodle Hosting! Get up and running with a Full Moodle Website connected to a Virtual 3d Classroom where you can meet your students in 3D. B3D can install hosted Moodle Websites with Sloodle already installed. We also have land available in Second Life for you to house your Sloodle Classroom [Read Full Story](#)

1

Choose a Pricing Plan

2

Select a Form of Payment

3

Access Your Membership

Basic

Silver

Gold

Using VLEs to Support Learning in VWs

Relationship between these complementary technologies

Pilot studies in computing, engineering & medicine

More effective use of the web in VW learning

<http://www.sloodle.org/>



SLOODLE_News



divingstone

<http://divingstone.info/>