



Virtual Insanity:
Lessons Learned from
Creating a Virtual Reality
Engine



Educational Evangelist at Unity Technologies









Agenda

- ☑ Inspirations
- MVP Technical Overview
- Lessons Learned









Hello!

Liz Mercuri

Educational Evangelist | Computer Game Software Development Graduate | Prince William Scholar













What is it?









A prototype which shows the potential of social virtual reality through the use of an interactive social screen.



What is it?









- What is it?
- What inspired it?











What inspired it?





UBM







What inspired it?





UBM







What inspired it?









A prototype which shows the potential of social virtual reality through the use of an interactive social screen.



What it is









- What is it?
- What inspired it?
- Why did I create it?









- ☑ Ooh! Shiny new resources!
- A Better Understanding
- ☑ Giving Back

Why did I create it?

























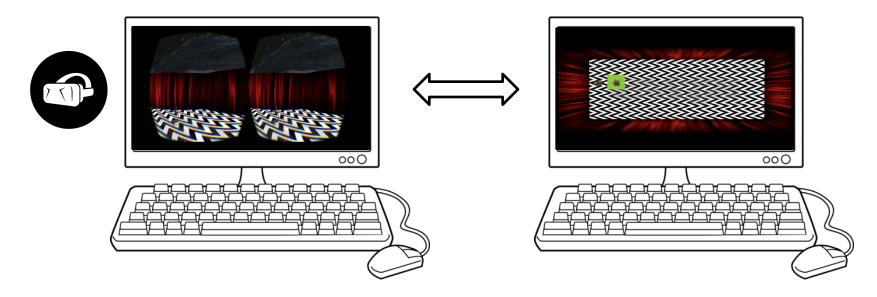








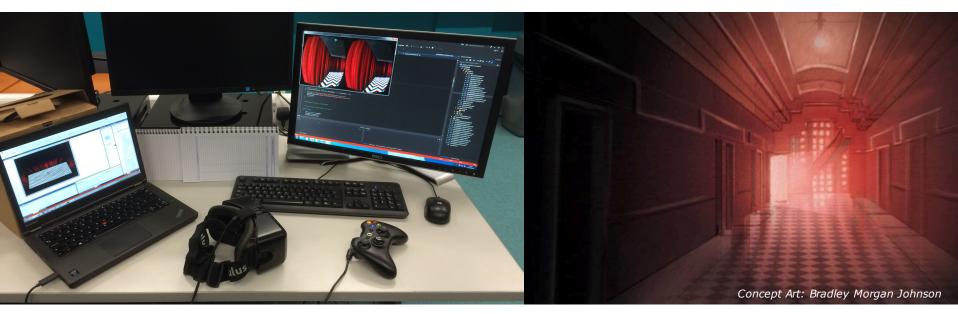




















Lessons Learned









Lessons Learned

- ☑ Pre-Development
- □ Development







Clear Goals

What do you want to achieve?

Resource

What do you need?

What do you already know?

Lessons Learned: Pre-Development







Research

What do you need to know?

Start Small

How can I break down the goal(s) into manageable tasks?

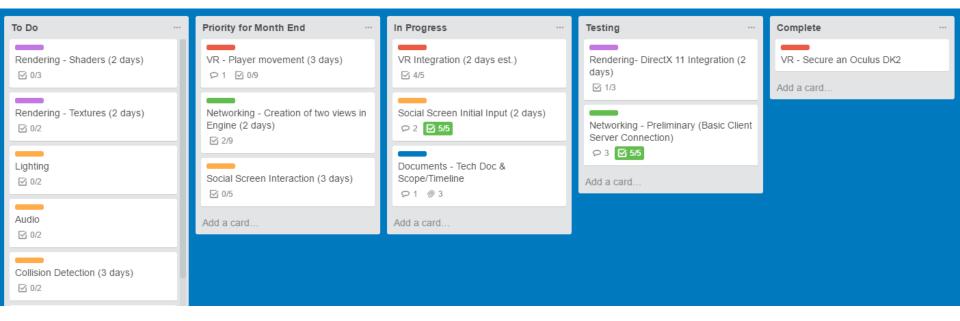
How can I keep track?

Lessons Learned: Pre-Development









Lessons Learned: Pre-Development









Code Design

Don't touch that code!

Do this first!



Lessons Learned: Development

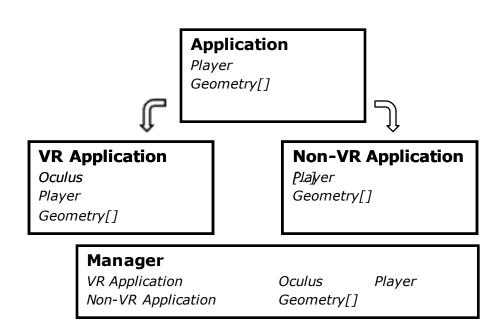






Code Design

Don't touch that code! Do this first!



Lessons Learned: Development







Testing

When should I do my testing?

Usability

Don't neglect usability!

Lessons Learned: Development







Pace Yourself

Take regular breaks to avoid burnout!

Evolve

Learn from your weaknesses!

Lessons Learned: Personal







Celebrate

Celebrate & share your achievements!

#gamedev #screenshotsaturday

Lessons Learned: Personal

Ask

Do not be afraid to ask for help!







Believe

You can do it! ©

Lessons Learned: Personal









Summary

- ☑ Set Clear Goals
- ☑ Concrete Planning & Code Design
- Look After Yourself
- ☑ Collaborate, Share & Celebrate









Thank You So Much!





Educational Evangelist at Unity Technologies











Q&A: Wrap Up Rooms

Additional Resource: www.lizmercuri.com/gdc2017





