#### EDUCATIONAL ASSIGNMENT for JOSEPH JOHN WUNDERLICH for his 3<sup>rd</sup> trimester of 10th grade

This assignment covers the following Educational Objectives (Subjects marked with a """ are the main subject, and those marked with an "" are secondary subjects):

- 1. READING (ENGLISH)
- 2. WRITING (ENGLISH)
- □ 3. ALGEBRA 2
  - 4. CHEMISTRY
- 5. WORLD HISTORY
- □ 6. LATIN II
- 7. WORLD CULTURAL ARTS
  - 8. PHYSICAL EDUCATION

### **ASSIGNMENT:**

Help present the following co-authored peer-reviewed paper in London England in May, 2014:

Wunderlich, J.T. and Wunderlich, J.J. (2014). **Crowdsourced architecture and environmental design.** *2nd International Conference on Emerging Trends in Engineering and Technology (ICETET'2014*, May 30-31, 2014 London (United Kingdom).

## **JOSEPH'S WORK:**

SUMMARY: The following presentation was co-created and co-presented by Joseph John Wunderlich with his Father in London, England on May 31<sup>st</sup>, 2014. The paper is available on-line here: http://users.etown.edu/w/wunderjt/JOSEPH%20SCHOOL/Joseph%20WORK/Joseph Assignment PUBLICATION TALK 2014 LONDON.pdf



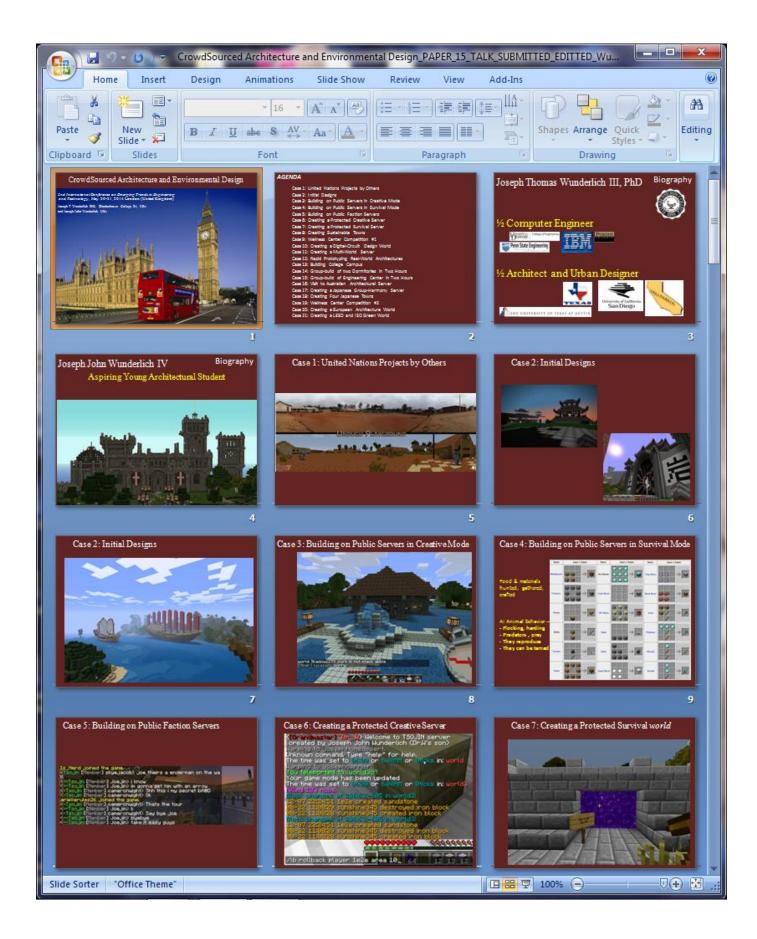
At the Conference (Father at front table as a Session Chair and judge):

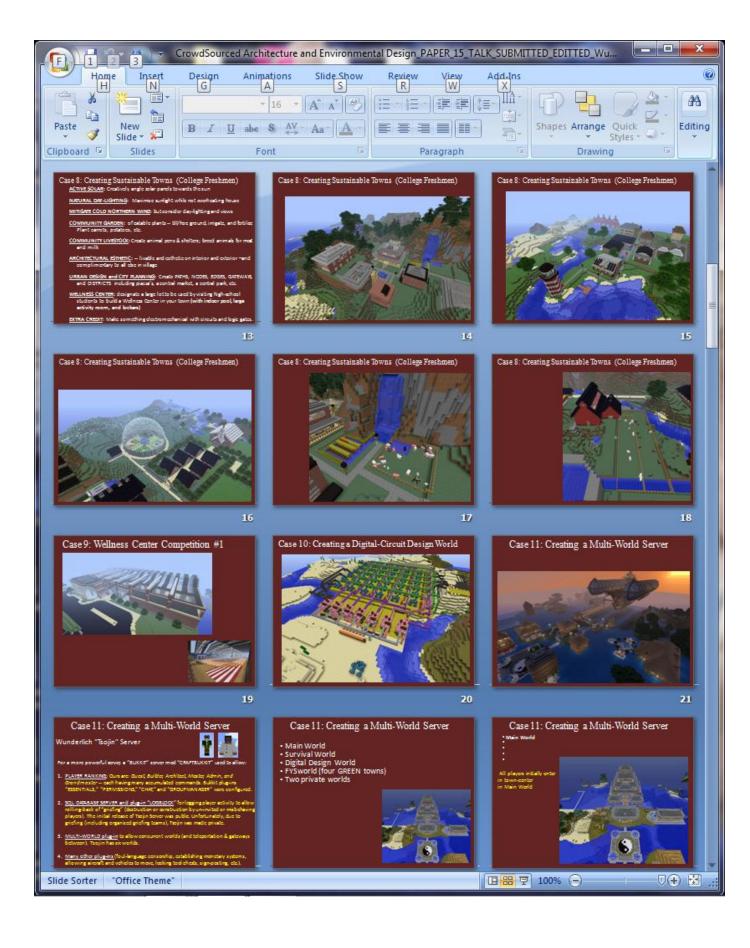


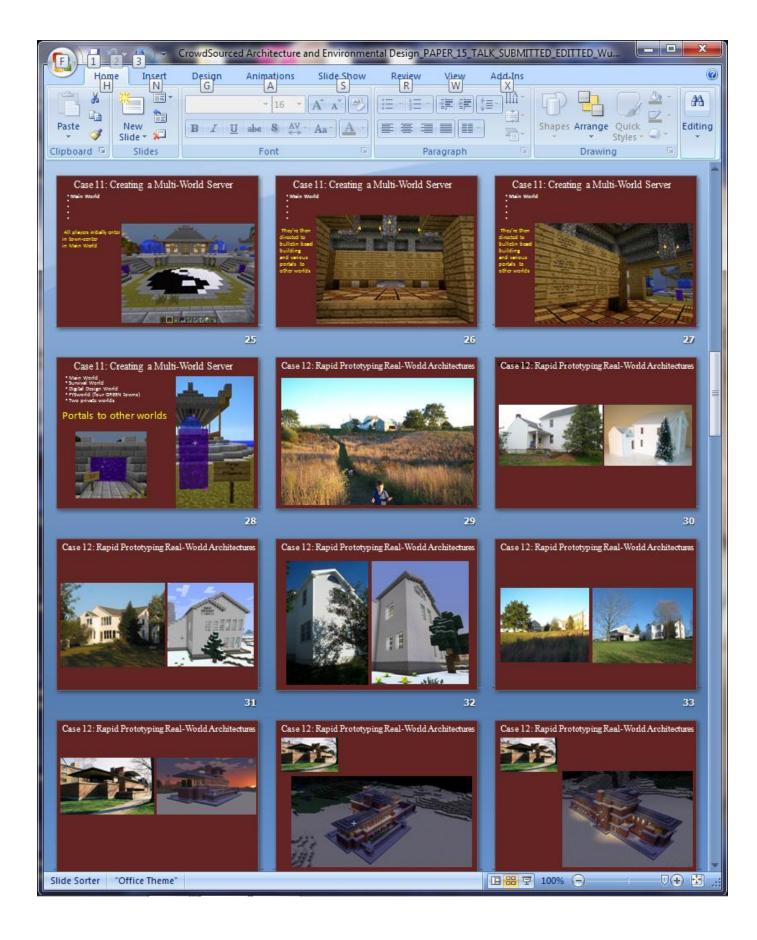
Pictures taken of us as we presented will be posted later by conference organizers.

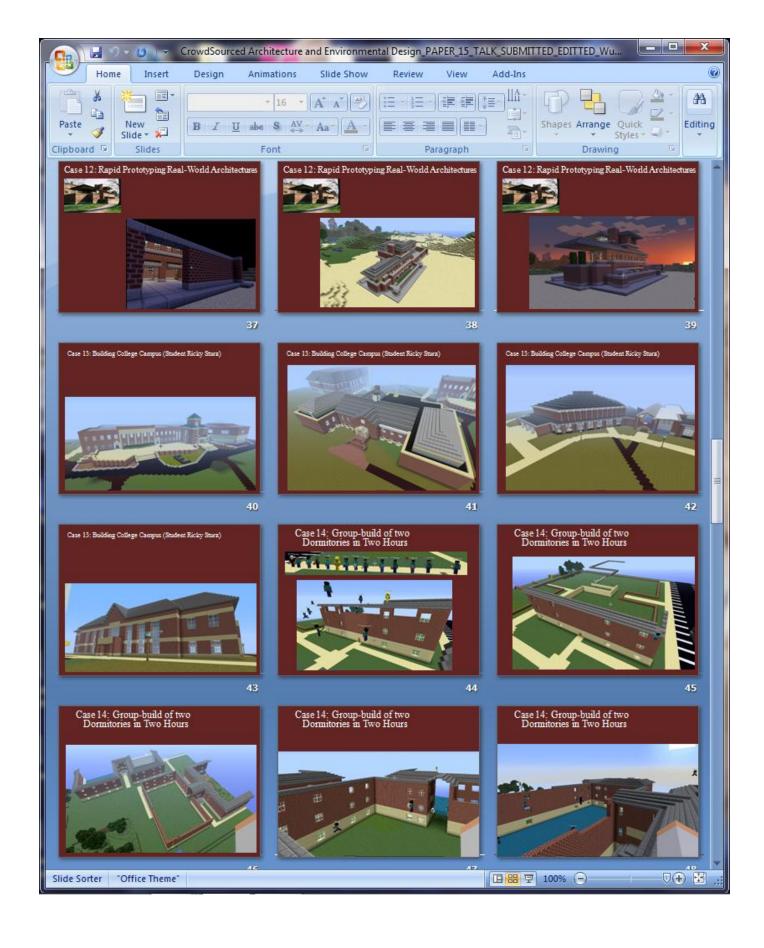


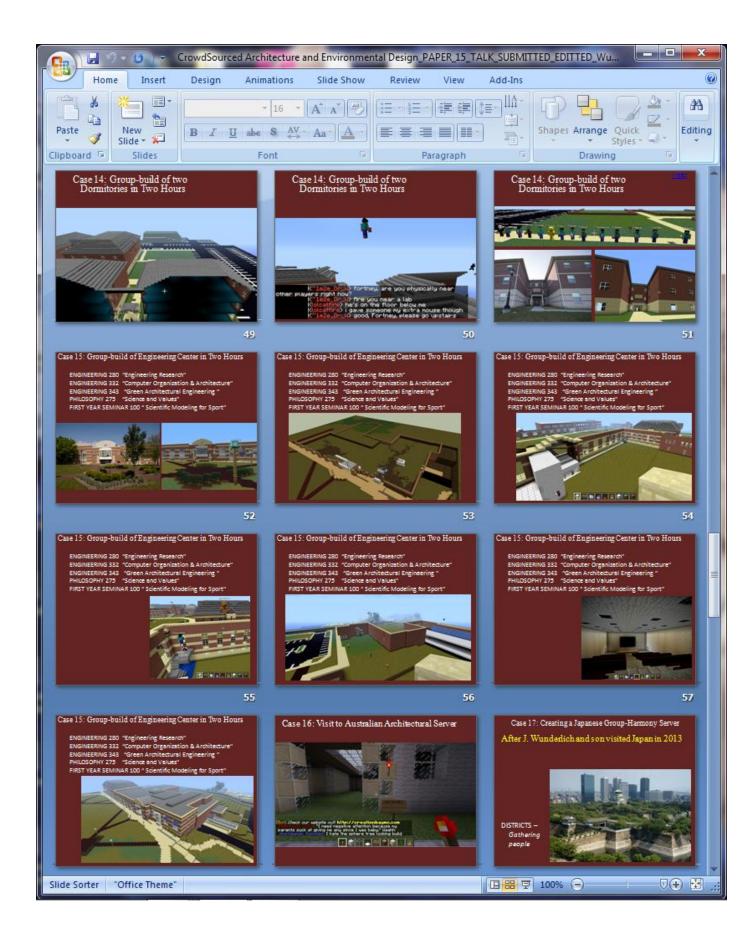


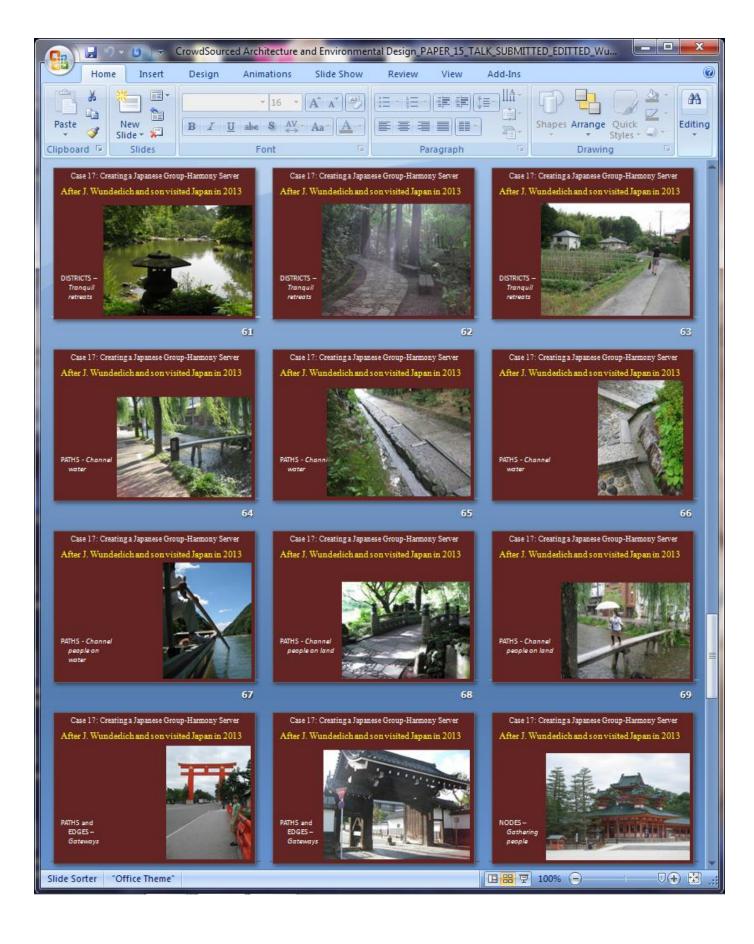


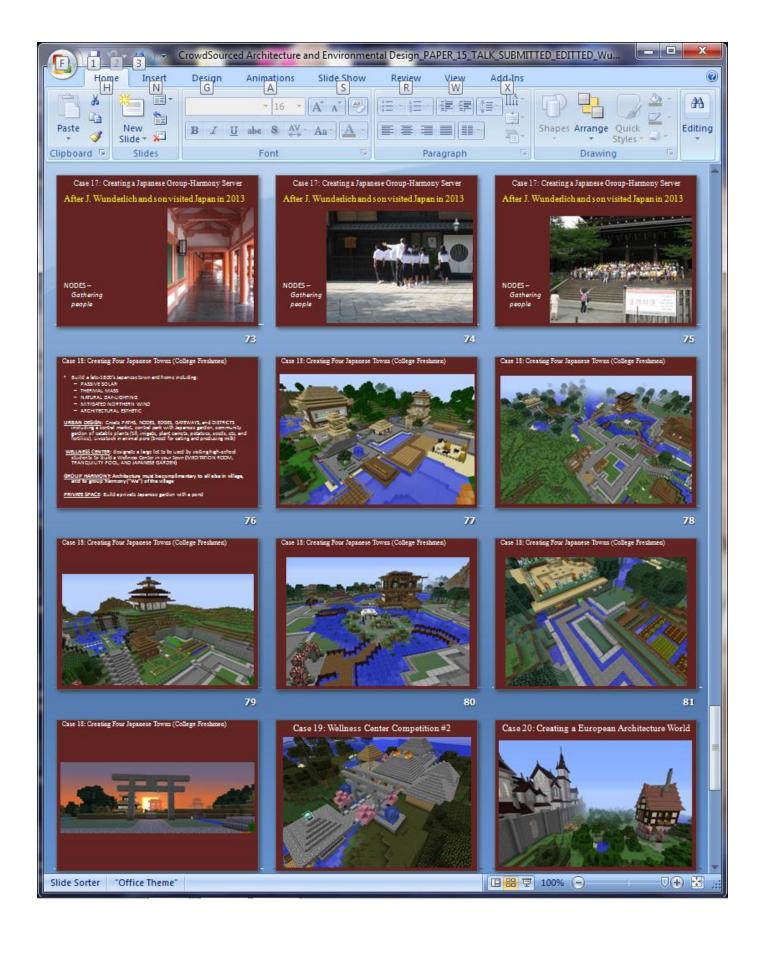


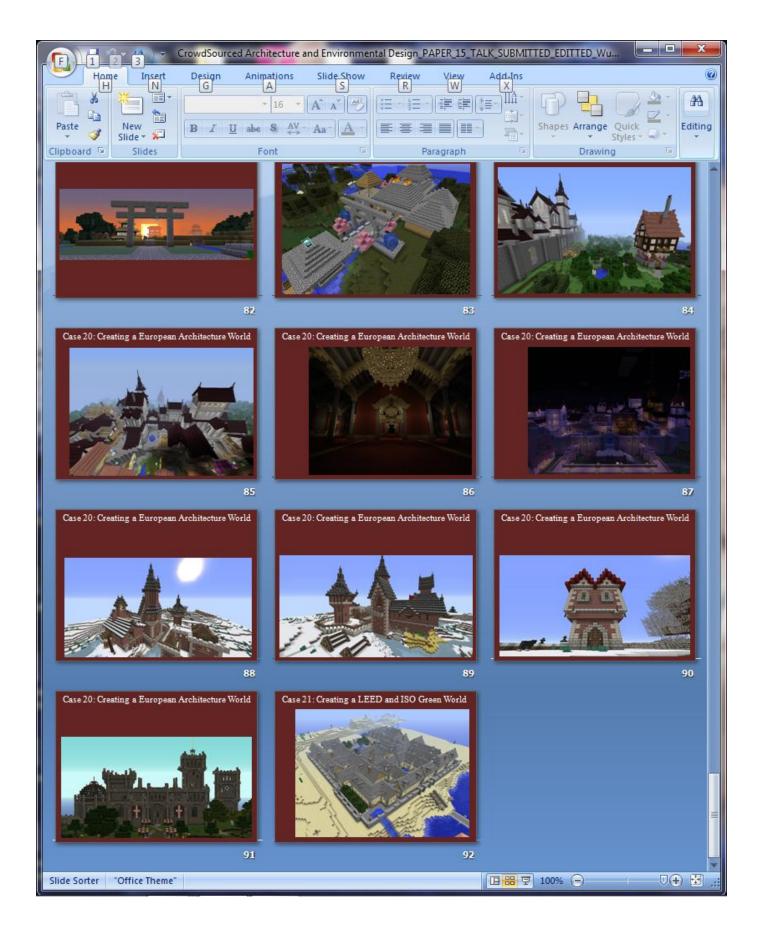












Joseph's contributions to the publication:

- Of the 21 case studies discussed in the paper, he designed and implemented in software 100% of the architecture shown in the following Case Studies:
  - Case 2: Initial Designs
  - Case 3: Building on Public Servers in Creative Mode
  - Case 4: Building on Public Servers in Survival Mode
  - Case 5: Building on Public Faction Servers
  - Case 6: Creating a Protected Creative Server
  - Case 7: Creating a Protected Survival Server
  - Case 11: Creating a Multi-World Server
  - Case 12: Rapid Prototyping Real-World Architectures
  - Case 17: Creating a Japanese Group-Harmony Server
  - Case 20: Creating a European Architecture World
- Of the 21 case studies discussed in the paper, he helped configure the software, maintain the servers, and teach College students how to design, build, and work the software for:
  - Case 6: Creating a Protected Creative Server
  - Case 7: Creating a Protected Survival Server
  - Case 8: Creating Sustainable Towns
  - Case 9: Wellness Center Competition #1
  - Case 10: Creating a Digital-Circuit Design World
  - Case 11: Creating a Multi-World Server
  - Case 12: Rapid Prototyping Real-World Architectures
  - Case 14: Group-build of two Dormitories in Two Hours
  - Case 15: Group-build of Engineering Center in Two Hours
  - Case 17: Creating a Japanese Group-Harmony Server
  - Case 18: Creating Four Japanese Towns
  - Case 19: Wellness Center Competition #2
  - Case 20: Creating a European Architecture World
- Took many of the approximately 1000 photographs selected from for this publication while visiting Japan on a 40-day 2013 trip to Narita, Osaka, and Kyoto Japan (and a Japanese part of Hawaii), and significantly contributed to a publication and keynote talk with his father in Osaka:

Wunderlich, J.T. and Wunderlich, J.J. (2013). **Green architecture and environmental design using rapid-prototyping social-networking sandbox tools, followed by professional architectural software.** *Asian Conference on Sustainability, Energy & the Environment (ACSEE 2013)*, June 6-9, Osaka, Japan.

This paper is available on-line:

http://users.etown.edu/w/wunderjt/Green\_Social\_Designs\_Japan\_paper\_19.pdf

This talk is available online:

http://users.etown.edu/w/wunderjt/Green\_Social\_Designs\_Japan\_TALK\_19\_PLUS.pdf

Edited the publication

# CONFERENCE WEBSITE: http://www.iieng.org/2014/06/01/45



### PDF of talk:

http://users.etown.edu/w/wunderjt/CrowdSourced Architecture and Environmental Design\_PAPER\_15\_TALK\_SUBMITTED\_EDITTED\_Wunderlich.pdf PowerPoint of talk:

http://users.etown.edu/w/wunderjt/CrowdSourced Architecture and Environmental Design\_PAPER\_15\_TALK\_SUBMITTED\_EDITTED\_Wunderlich.pptx

PDF of published paper:
http://users.etown.edu/w/wunderjt/CrowdSourced Architecture and Environmental Design\_PAPER\_15\_FINAL\_SUBMITTED\_EDITTED\_Wunderlich.pdf
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