

Memorialization of the Spaç Labour Camp: An Investigation into Digital Methods



CH
WB

Cultural
Heritage without Borders

ALBANIA



WPI

Michael Clements
Leo Gross
Elizabeth Kirschner
Zetta Rajaniemi

Our Goal

Explore the usefulness
of digital reconstruction
in transmitting
memories about Spaç.



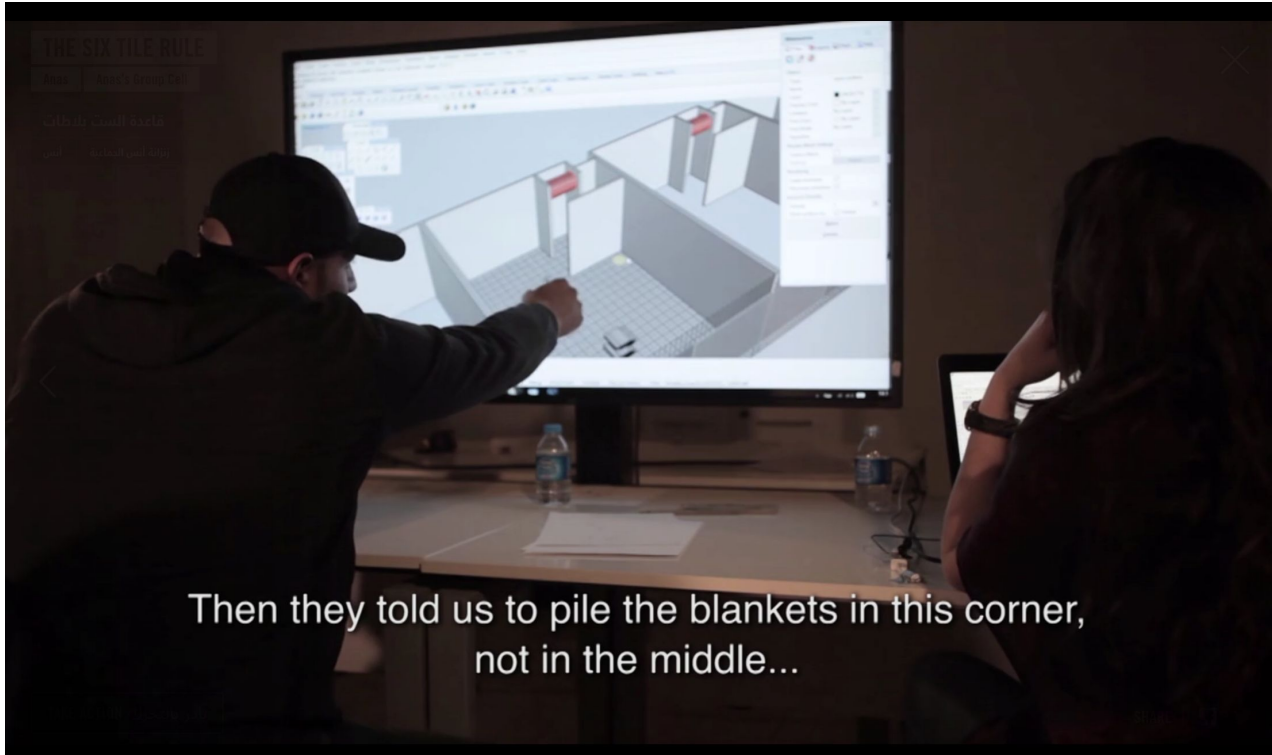
Context



Spaç Prison: Then and Now

[1]

Digital Reconstruction Example: Saydnaya



[2]

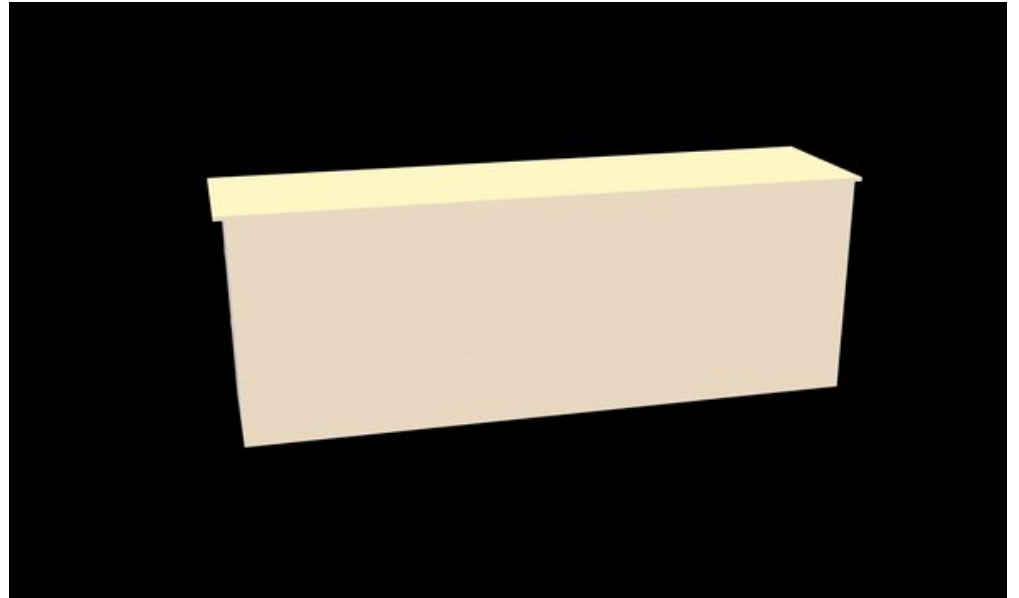


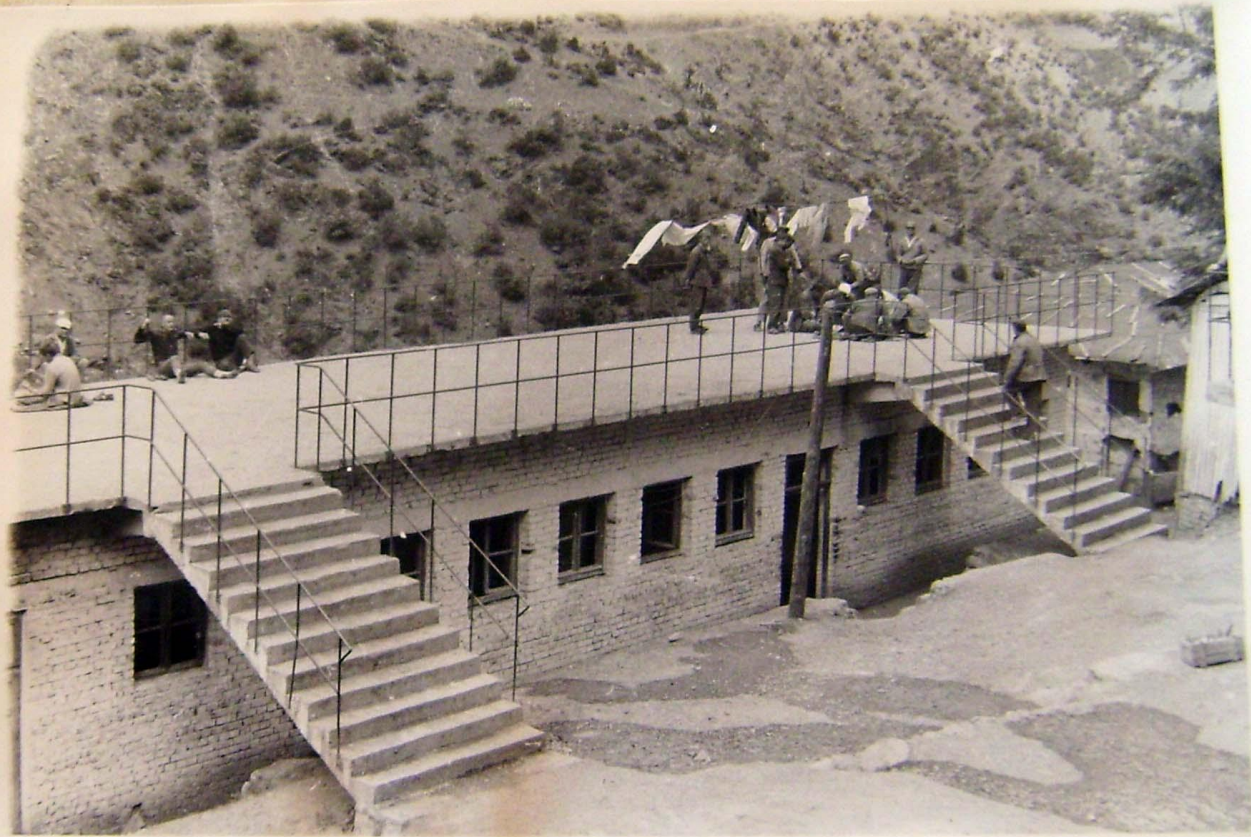
[3]

Prototype Design

Preliminary Expectations

- One Building
- One or two narratives
- Target Audience: Albanians 20-30 years old





Kopje fotografike e farses; tui islate mbledhues
more ete dënuerë po degjente fjalinat.

Propaganda

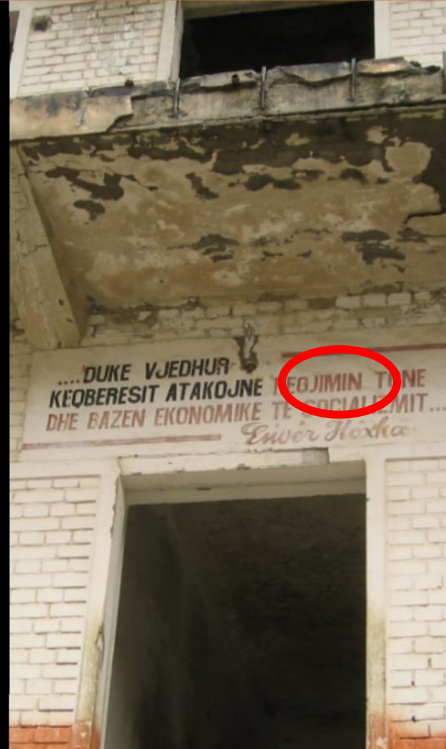
GO BACK

Propaganda

This goal of dehumanizing prisoners was very clear in the propaganda because outside they were trumpeting that in places like Spaç or internment camps they would put men who didn't have any of the values of the "new" man that Communism wanted to build. Therefore they were not only isolated but also helping to build a better country by working as slaves. That was something very hard for them to endure here. They were working here but their contribution was not recognized by anyone inside or outside of the prison.

The philosophy of the slogans that you can see here and there. So, yeah, these are sayings in relation to the values of Marxism. Quotes from the dictator were supposedly sentences and phrases that would help the prisoner's rehabilitation.

The quote on the left said "By stealing, evildoers attack our regime and our Economic Socialist base." It is attributed to Enver Hoxha.



360-Photo
Page

2 Photo
Page

Situated Testimony

“Okay, so the bridge went **like this**. And to this part. And **here** was like this, 1, 2 barracks. And the canteen was **right there**.”

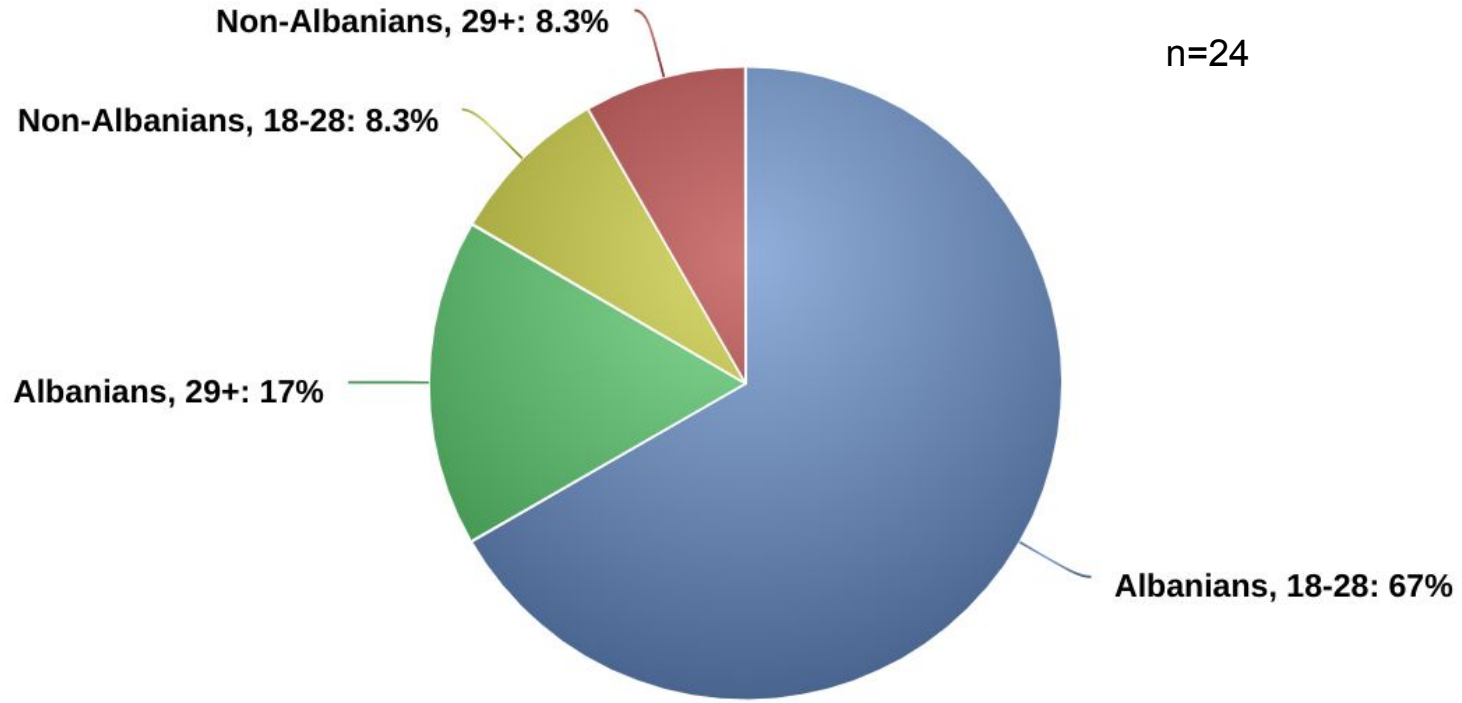




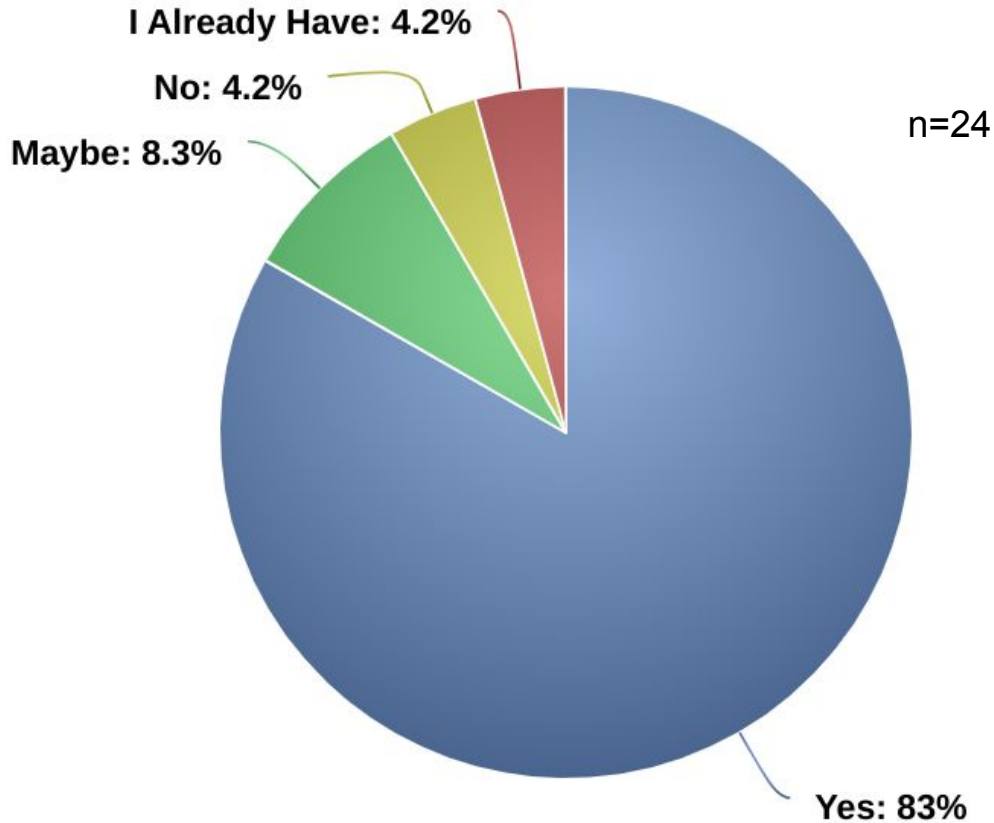
[1]

Results

Survey Demographics



Would you visit Spaç Prison?



“For honoring those who suffered there, yes.”



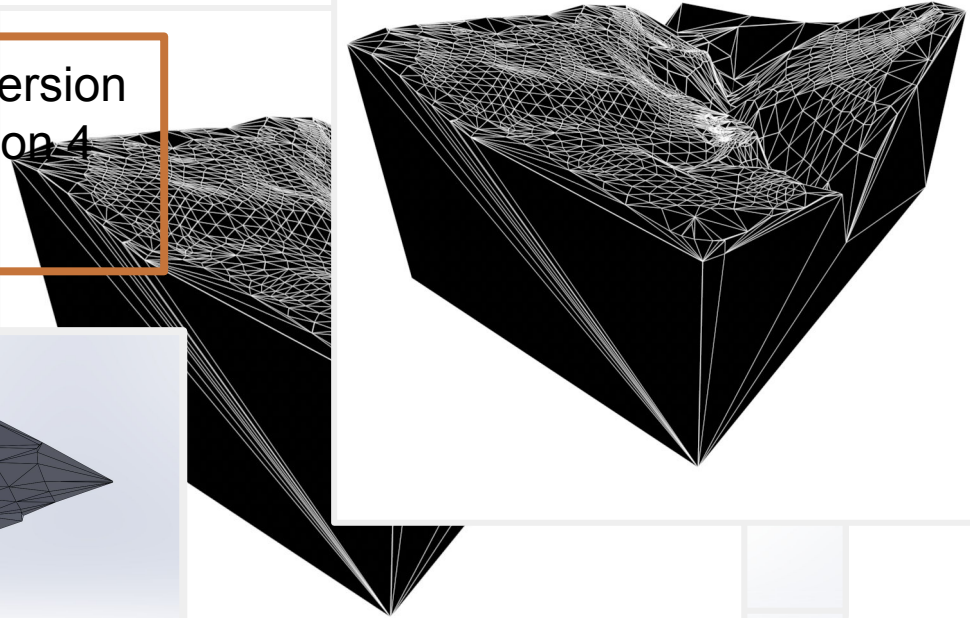
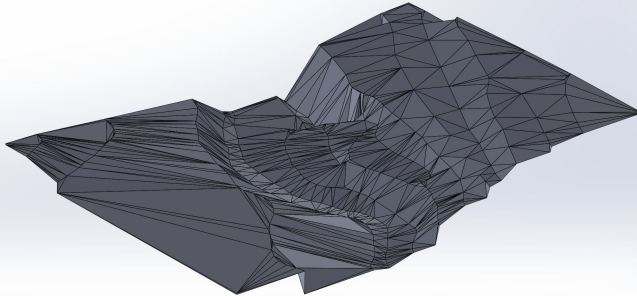
Recommendations

1. Use the model to elicit memory
2. Use the model to facilitate dialogue
3. A complete digital reconstruction

Evolution of the Terrain

Comparison of Version 1 (left) and Verion 4 (right)

Version 4 :
Made in
C++



“What I want to be transmitted to next generation is the memory of how things could go bad if you are run by a system which becomes criminal in its purpose.”

~Fabian Kati

Faleminderit

From Our Sponsor

Mirian Bllaci

Nedi Petri

Lejla Hadžić

Worcester Polytechnic Institute

Peter Christopher

Robert Hersh

Robert Kinicki

Others

Zenel Drangu

Fabian Kati

Kristi Zoto

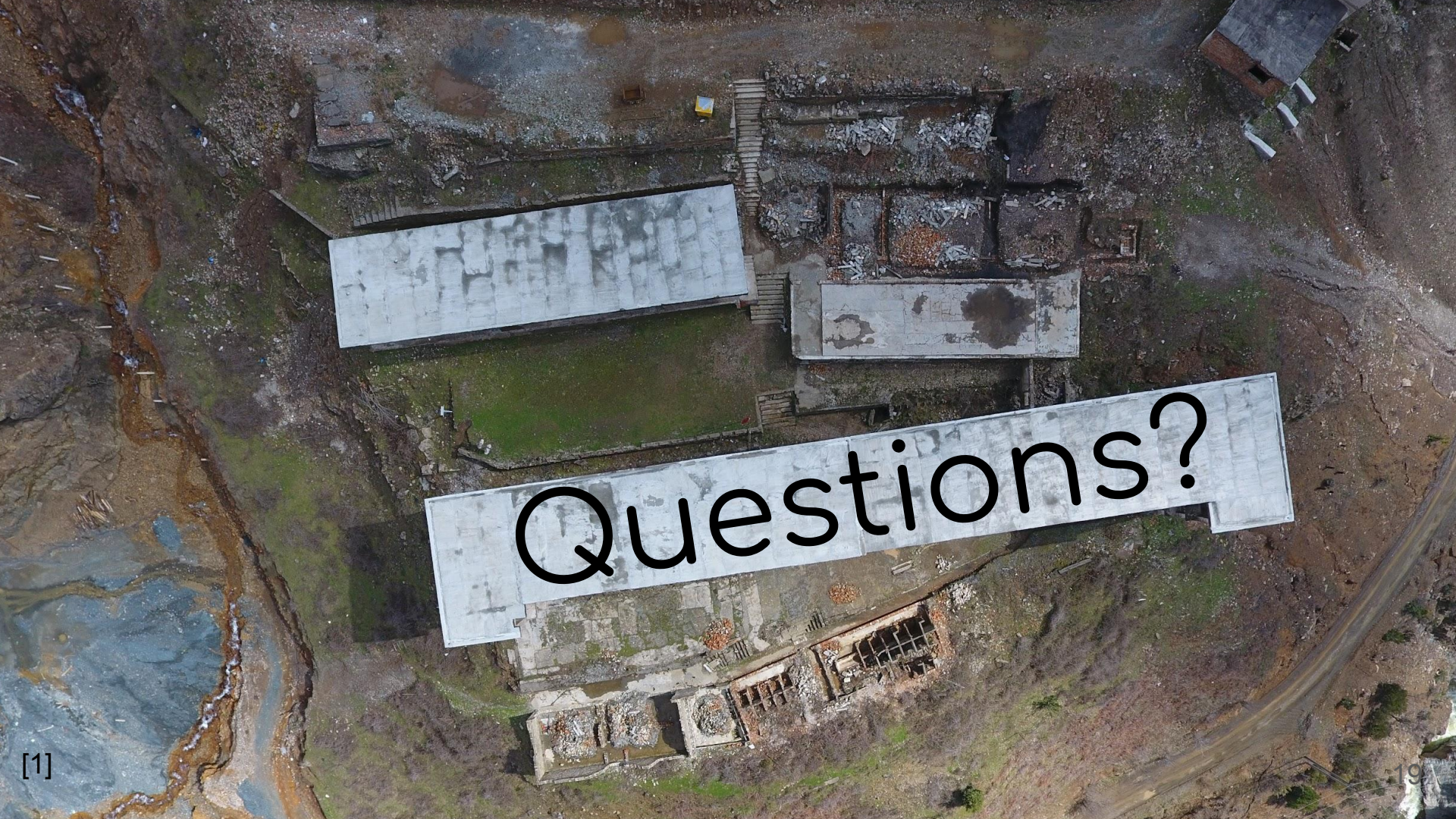
References

[1] CHwB Archives

[2] Amnesty International, & Forensic Architecture. (2016). Saydnaya, Inside a Syrian Torture Prison. Retrieved on September 21, 2019 from <https://saydnaya.amnesty.org/en/about.html>.

[3] from Robert Hersh

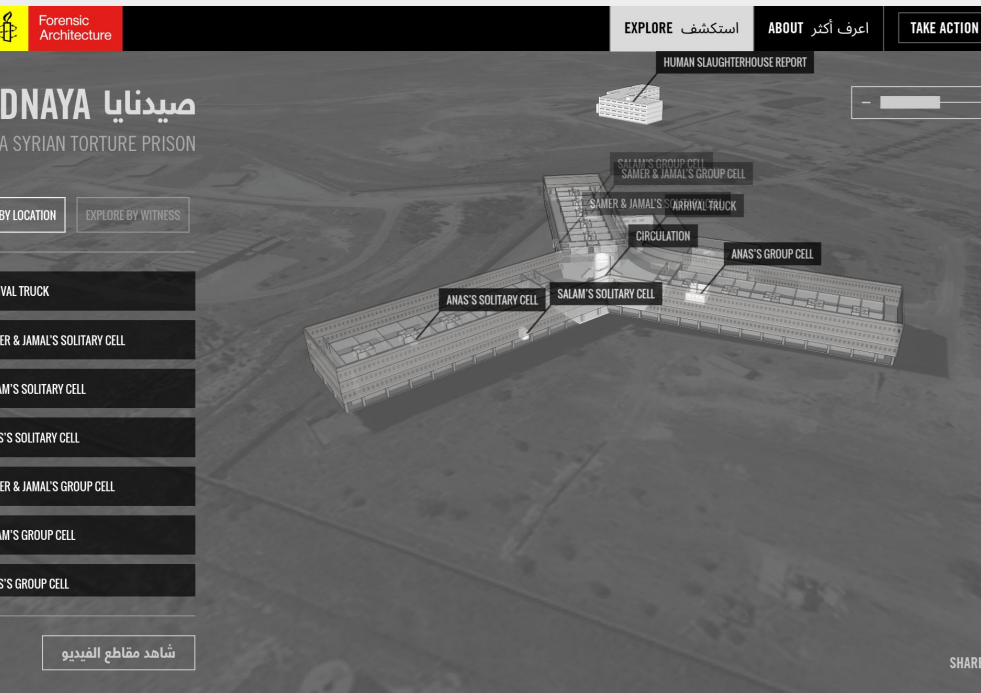
[4] Memorial and Museum Auschwitz-Birkenau. (n.d.). Retrieved October 01, 2019 from www.panorama.auschwitz.org.



Questions?

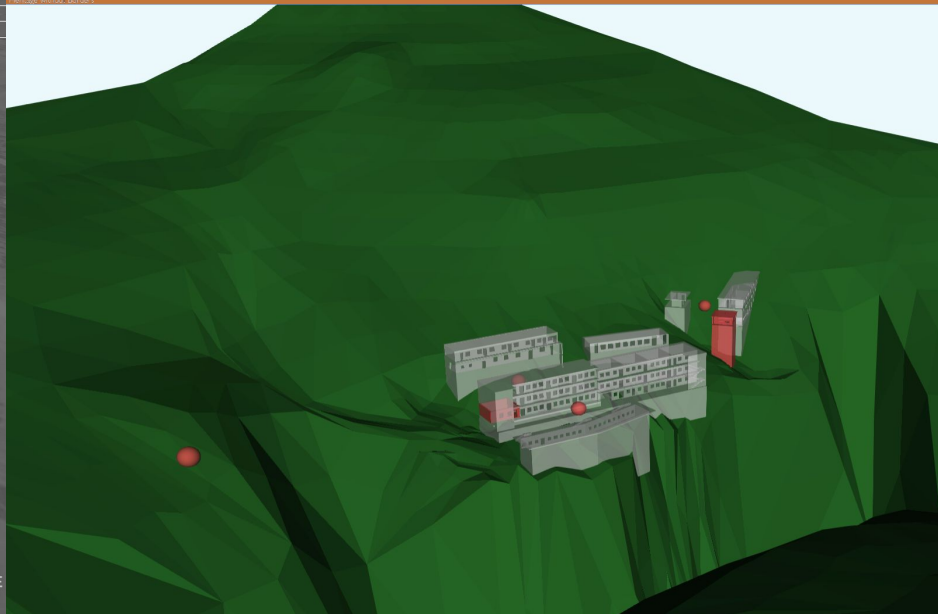
Saydnaya vs. Spaç

[2]



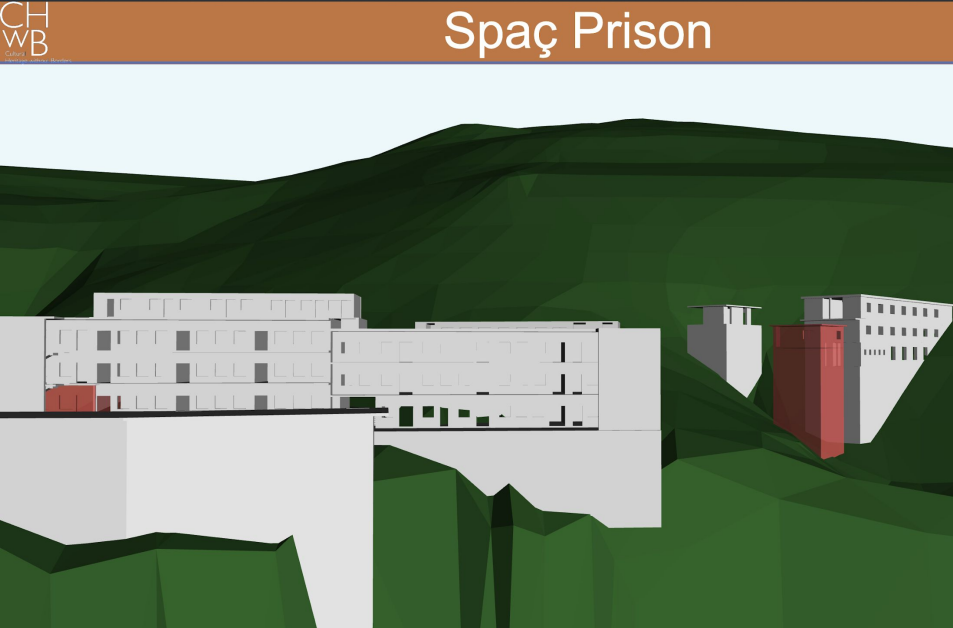
CH
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Culture
Heritage
Identity
Borders

Spaç Prison



Opaque Buildings

Spaç Prison



Transparent Buildings

Spaç Prison

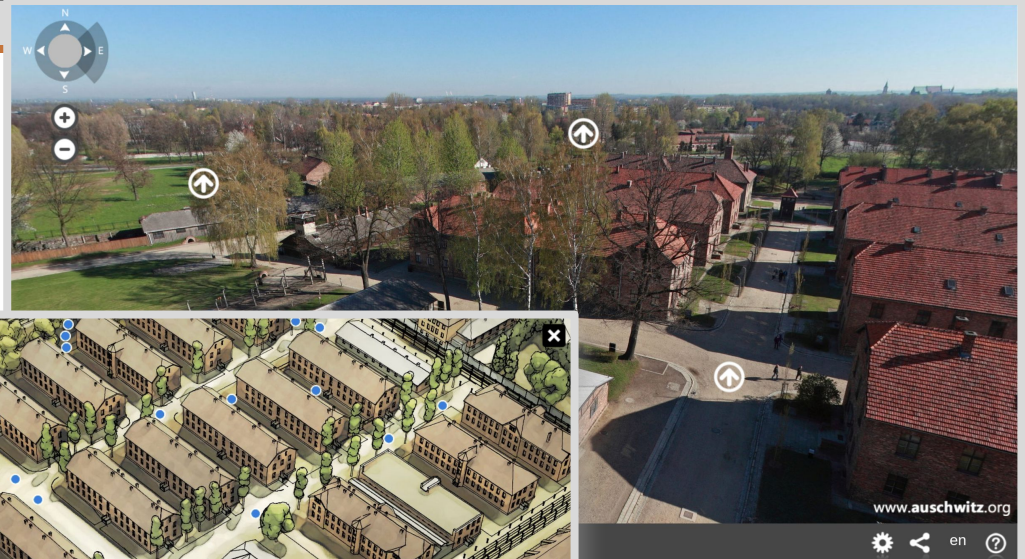
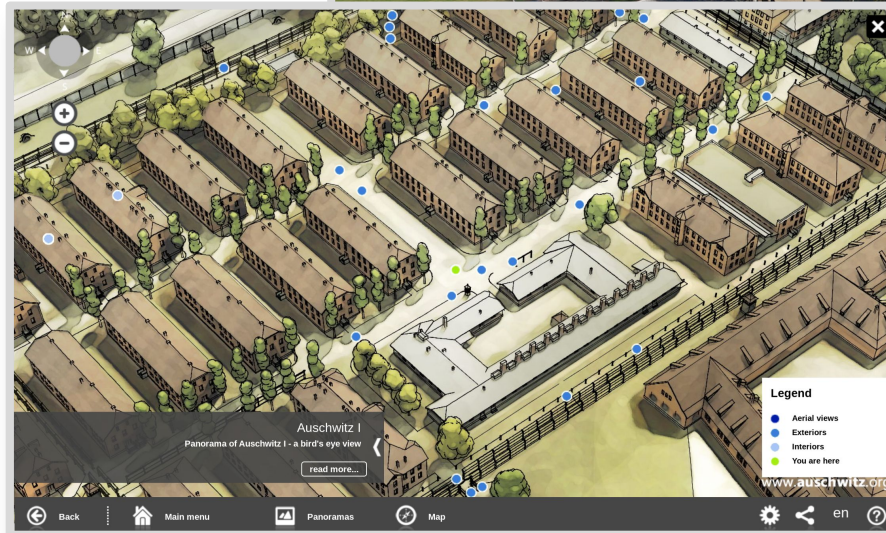


Auschwitz as Inspiration

[4]

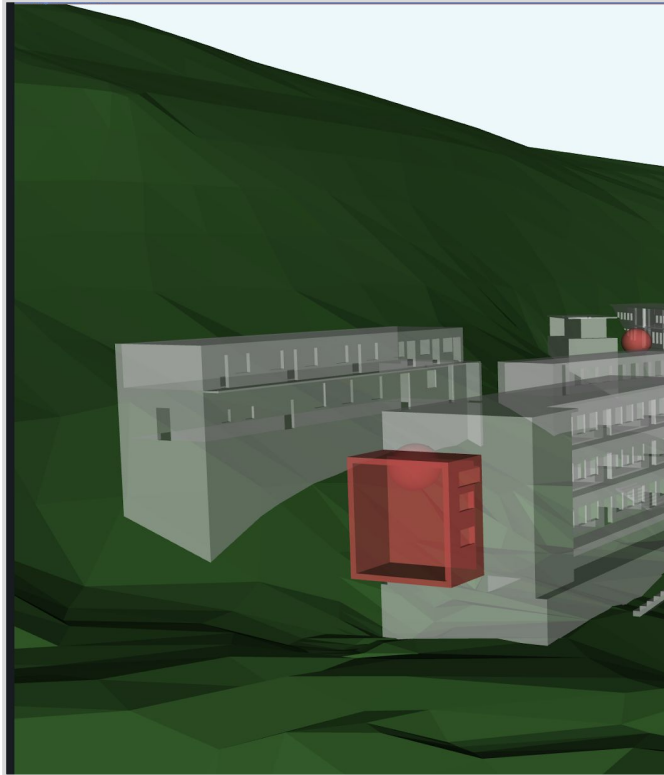
- Use of 360 Photos
- Map signifiers
- Not repeating similar buildings

[4]



Importance of Software Extensibility

Zenel's cell
placed
incorrectly



Zenel's cell
placed correctly



Quick Json Edits

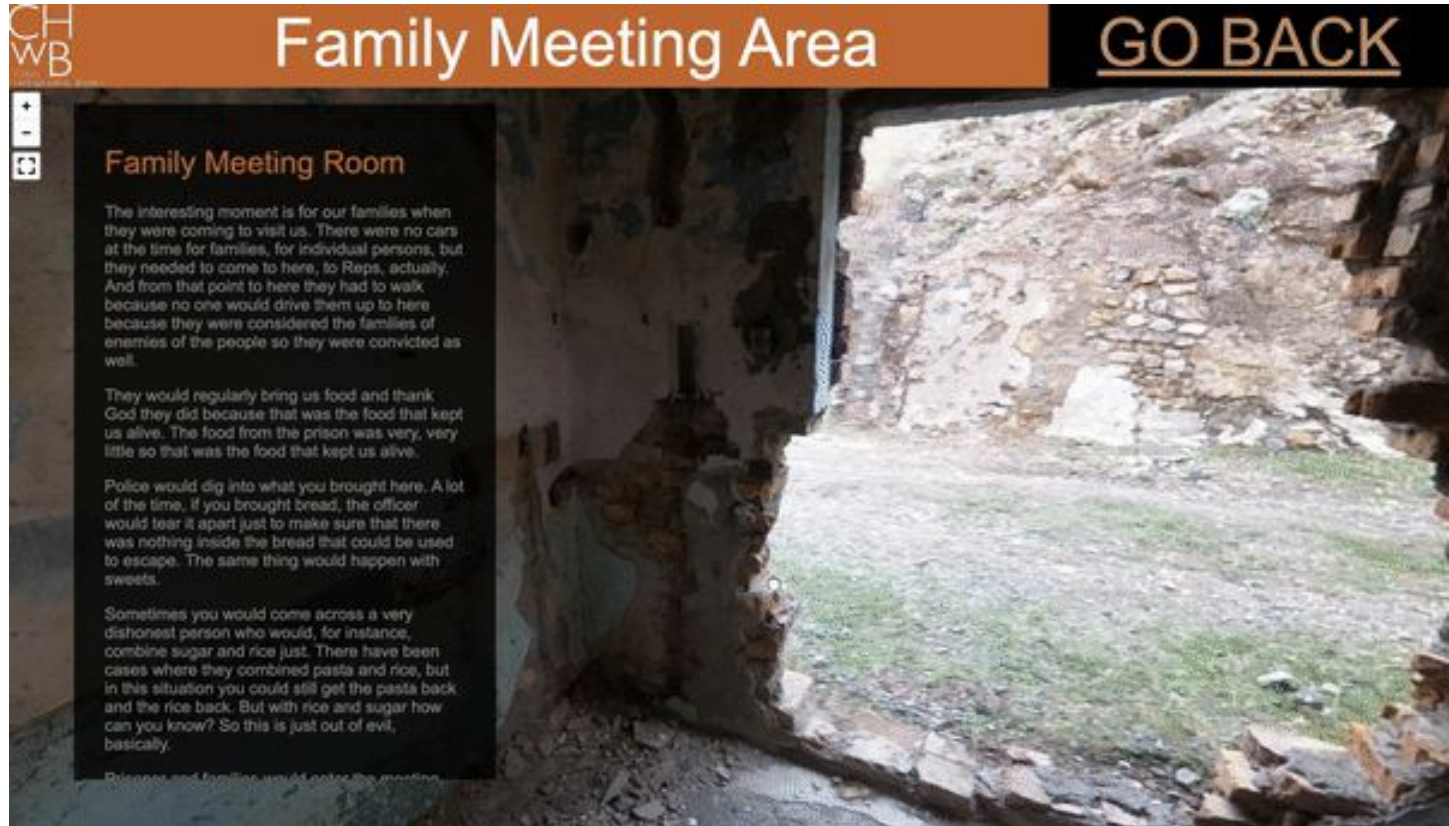
Zenel's cell
placed
incorrectly

```
{
  "clickable":
  [
    {
      "x_pos" : "165",
      "y_pos" : "15",
      "z_pos" : "-47",
      "x_rot" : "0",
      "y_rot" : "225",
      "z_rot" : "90",
      "scale" : ".02",
      "file_name" : "building_ga3a.stl",
      "target" : {
        "id":4,
        "page_type":"photo_360"
      }
    },
  ],
}
```

Zenel's cell
placed correctly

```
{
  "clickable":
  [
    {
      "x_pos" : "165",
      "y_pos" : "15",
      "z_pos" : "-47",
      "x_rot" : "0",
      "y_rot" : "225",
      "z_rot" : "0",
      "scale" : ".02",
      "file_name" : "building_ga3a.stl",
      "target" : {
        "id":4,
        "page_type":"photo_360"
      }
    },
  ],
}
```

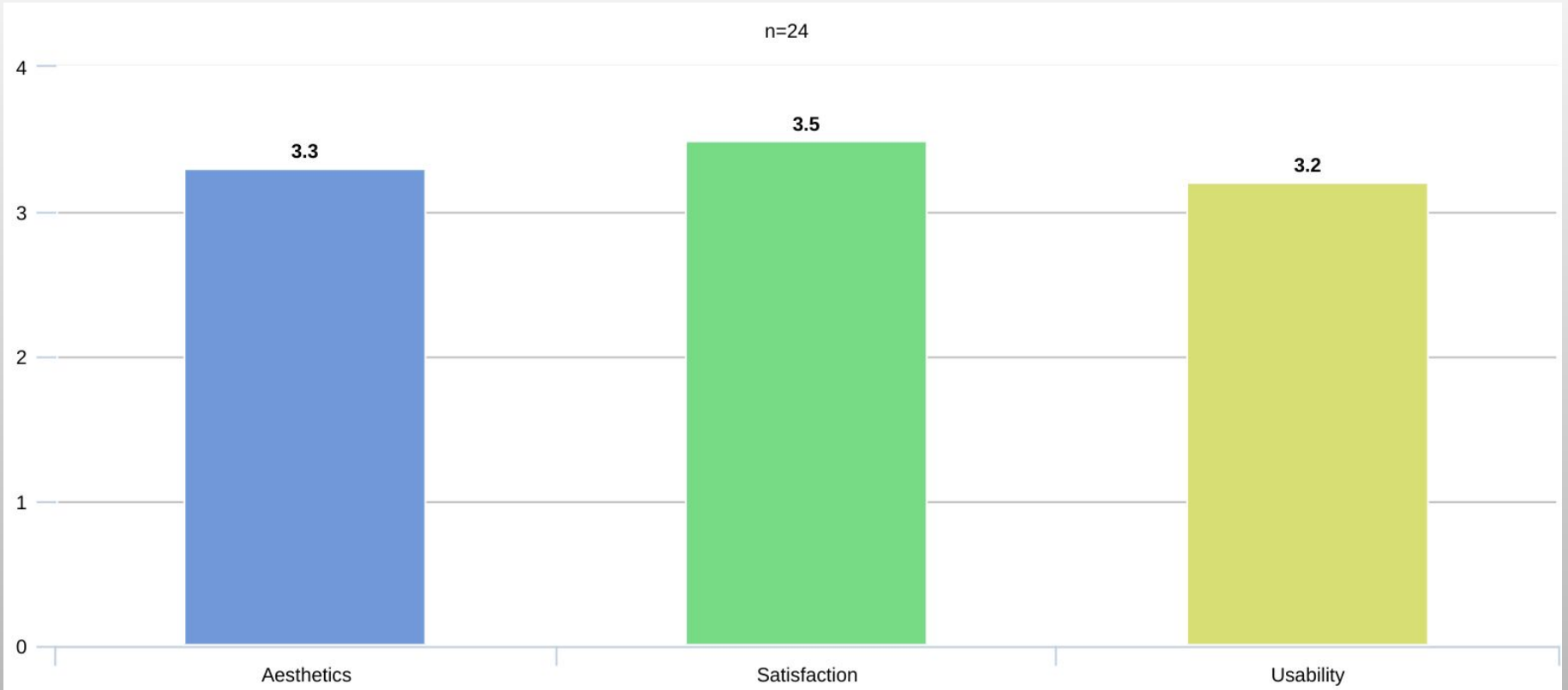
Panning Through a 360 Photo Page



Technical Manhours

	Hours
Selecting tools	16
Building G.6 & G.6a	40
Building G.4	6
Building G.5	3
Building G.3, G.3a G.3b	16
Terrain Version 1	16
Terrain Version 2	10
Terrain Version 3	8
Terrain Version 4	26
Main Display	40
JSON Population	24
Web Page design	20
Building Placement	24
Documentation	8
	Total: 257 hrs

User Engagement Testing



Numerical
Survey
Responses
(continued
on next
slide)

Category	Statement	Mean	Var.
Aesthetics	The experience appealed to me visually	3.3	0.65
Aesthetics	I liked the graphics and visuals used in the website	3.5	0.43
Aesthetics	I liked the layout of media elements in the website	3.3	0.58
Aesthetics	The website was aesthetically appealing	3.3	0.65
Aesthetics	Score for category	3.3	0.58
Satisfaction	I was drawn into my task of exploring the website	3.3	0.65
Satisfaction	I was moved by the experience	3.35	0.63
Satisfaction	I was curious to explore more about the contents of the website	3.6	0.25
Satisfaction	I would recommend this website to others	3.7	0.23
Satisfaction	The time I spent exploring this website was worthwhile	3.7	0.32
Satisfaction	Score for category	3.5	0.42

Numerical
Survey
Responses
(continued
from
previous
slide)

Category	Statement	Mean	Var.
Perceived Usability	I felt discouraged while interacting with the experience	2.0	1.4
Perceived Usability	I felt annoyed while interacting with the website	1.6	1.0
Perceived Usability	The website was mentally taxing	1.7	0.93
Perceived Usability	I found the experience confusing to navigate	1.9	1.3
Perceived Usability	I felt frustrated during the website	1.8	1.1
Perceived Usability	Score for category	3.2	1.1