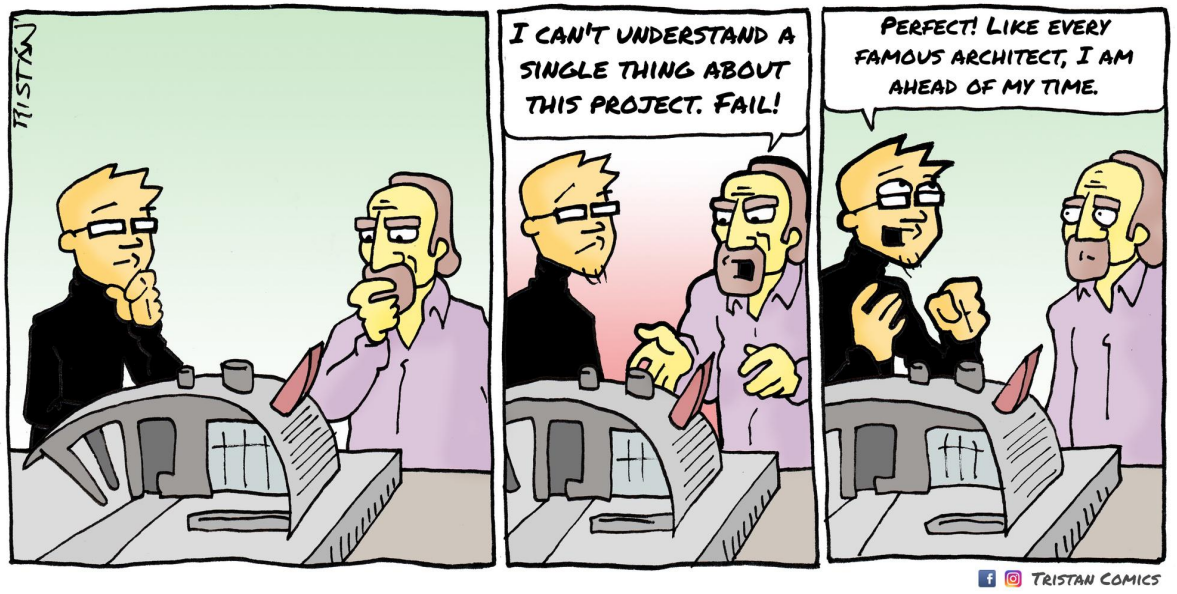
Designing with Spatial Narratives

-Firdous Nizar

My research is on...

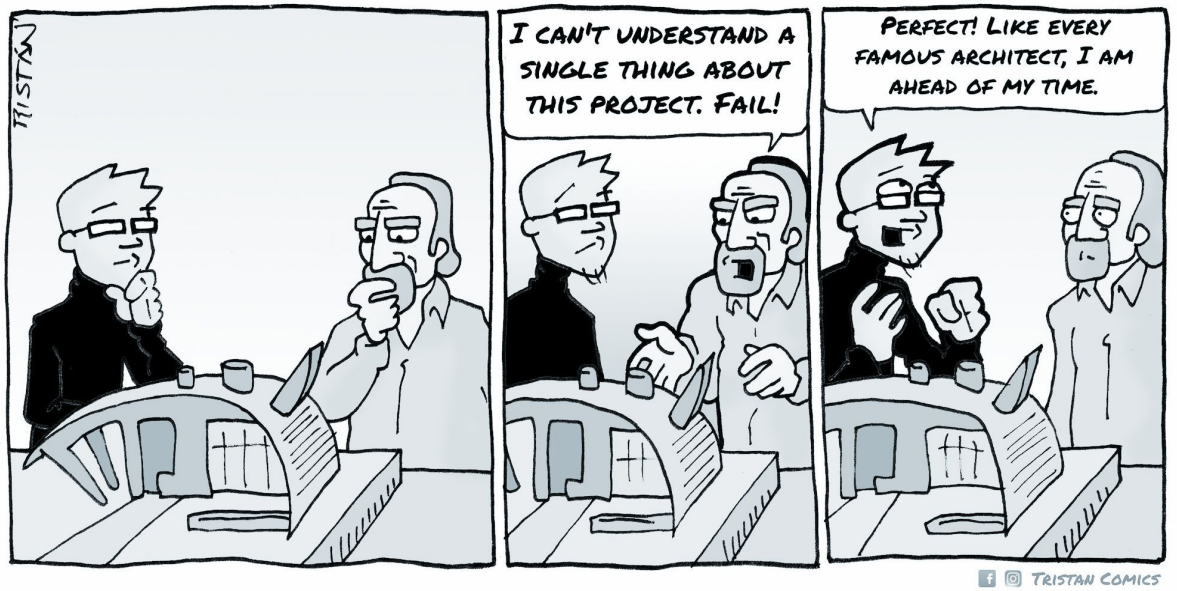
- Ongoing communication gap in sharing ideas in architectural projects between clients, architects, engineers, designers, policymakers, occupants, and so on.



My research is on...

Ongoing communication gap between architects/designers and clients that result in poor design collaboration.

- Ongoing communication gap in sharing ideas in architectural projects between clients, architects, engineers, designers, policymakers, occupants, and so on.



My research is on...

Hypothesis: This gap can be bridged by **designing a more effective communication tool** in architecture by combining analog(traditional) with digital(new & evolving) architecture tools, encouraging better design collaboration.

> ***What are the challenges of communicating spatial ideas in architecture in a collaborative setting?***

My research is on...

Hypthesis

The transition between architect-client interaction and conceptual design phases can be improved through well-documented spatial narratives that aid in better design reflection and hence, collaboration.

Hypothesis: This gap can be bridged by **designing a more effective communication tool** in architecture by combining analog(traditional) with digital(new & evolving) architecture tools, encouraging better design collaboration.

Research Question

How can designers better translate verbal spatial experiences of their clients into other non-verbal modes of architectural conceptual design?

What are the challenges of communicating spatial ideas in architecture in a collaborative setting?

Primary Objective

> **To propose a design ~~thinking~~ [making + reflecting] tool that facilitates effective transfer of ideas, *for architects/designers*, from initial architect-client interactions to architectural conceptual design phases.**

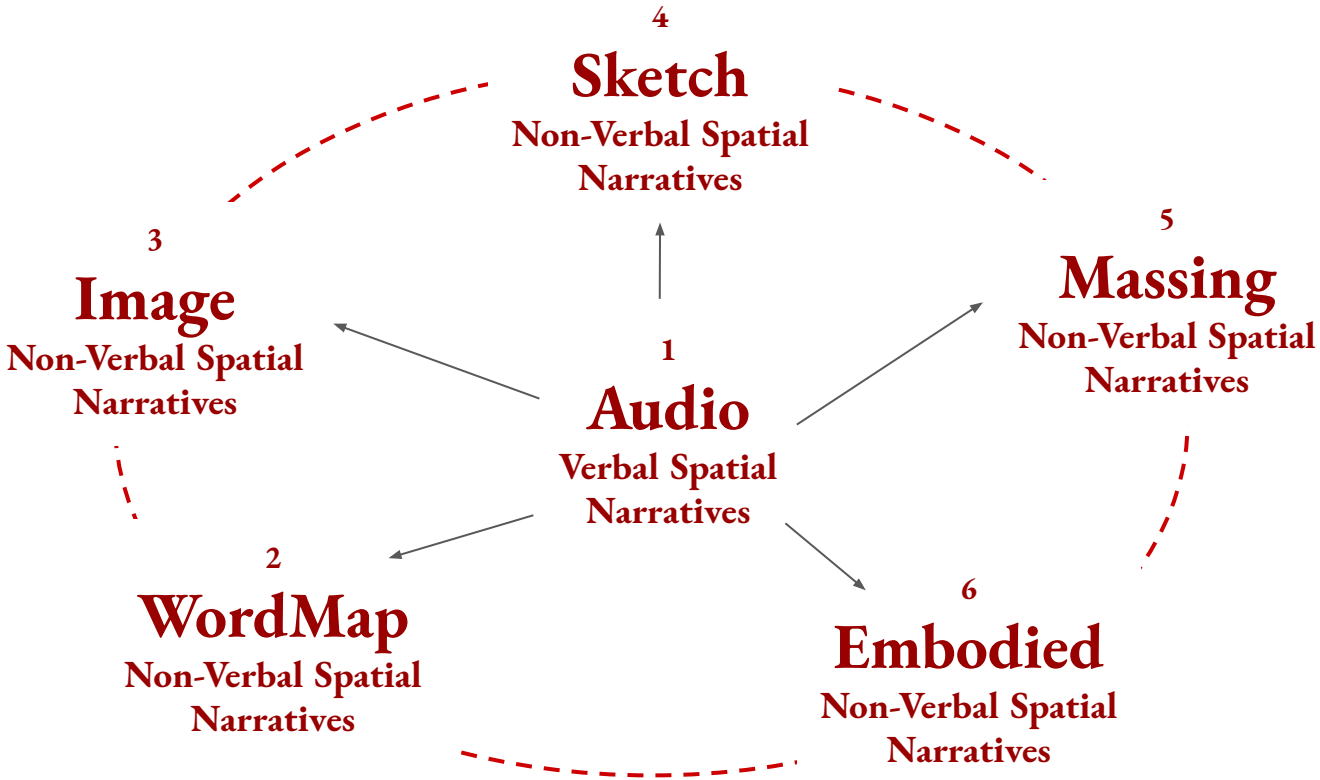
Initial Architect-Client Interaction(s)

Conceptual Design Phase(s)

Digital Tools

Analog Tools

6 *Proposed Design Modes*



Digital

Augmented Reality (AR)

vuforia™

Scripting User-Tool Interactions

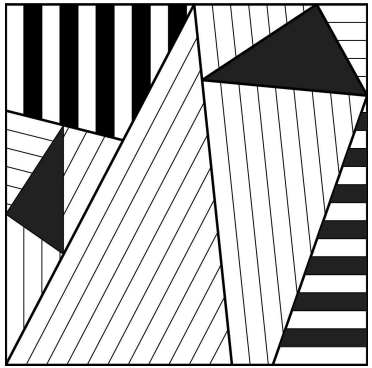
Visual Studio

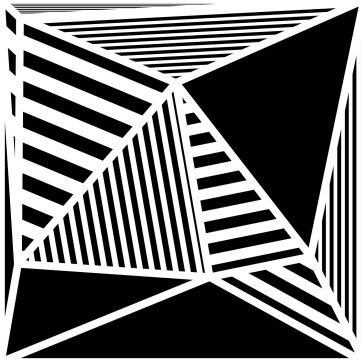
unity

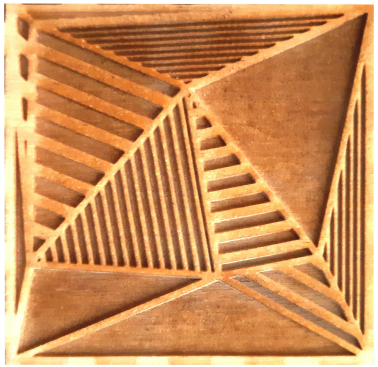
AR-based Software for Proposed Design Tool

Analog

Pattern on Proposed Tool for Augmentation

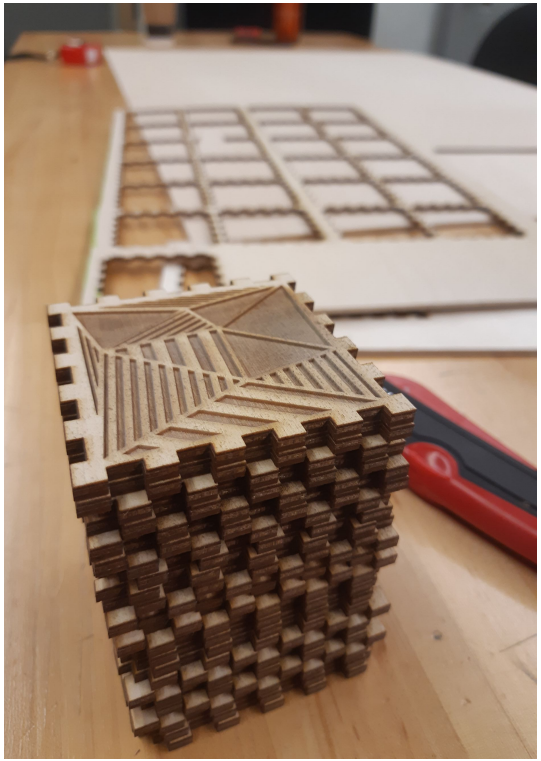


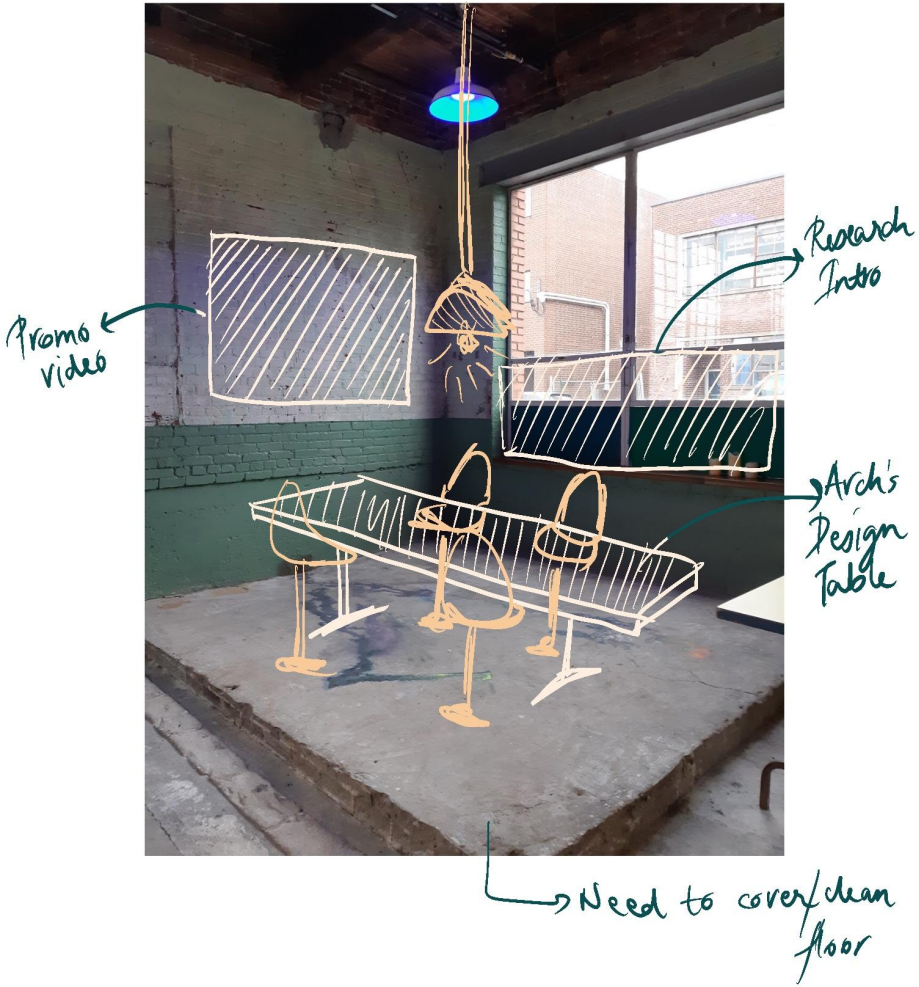




ZXing

Laser-cutting on plywood
@ Digi-Fab Lab




Promo video
Research Intro
Arch's Design Table
Need to cover/clean floor

https://www.ideo.com/post/method-cards

Thesis Manuscript

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