

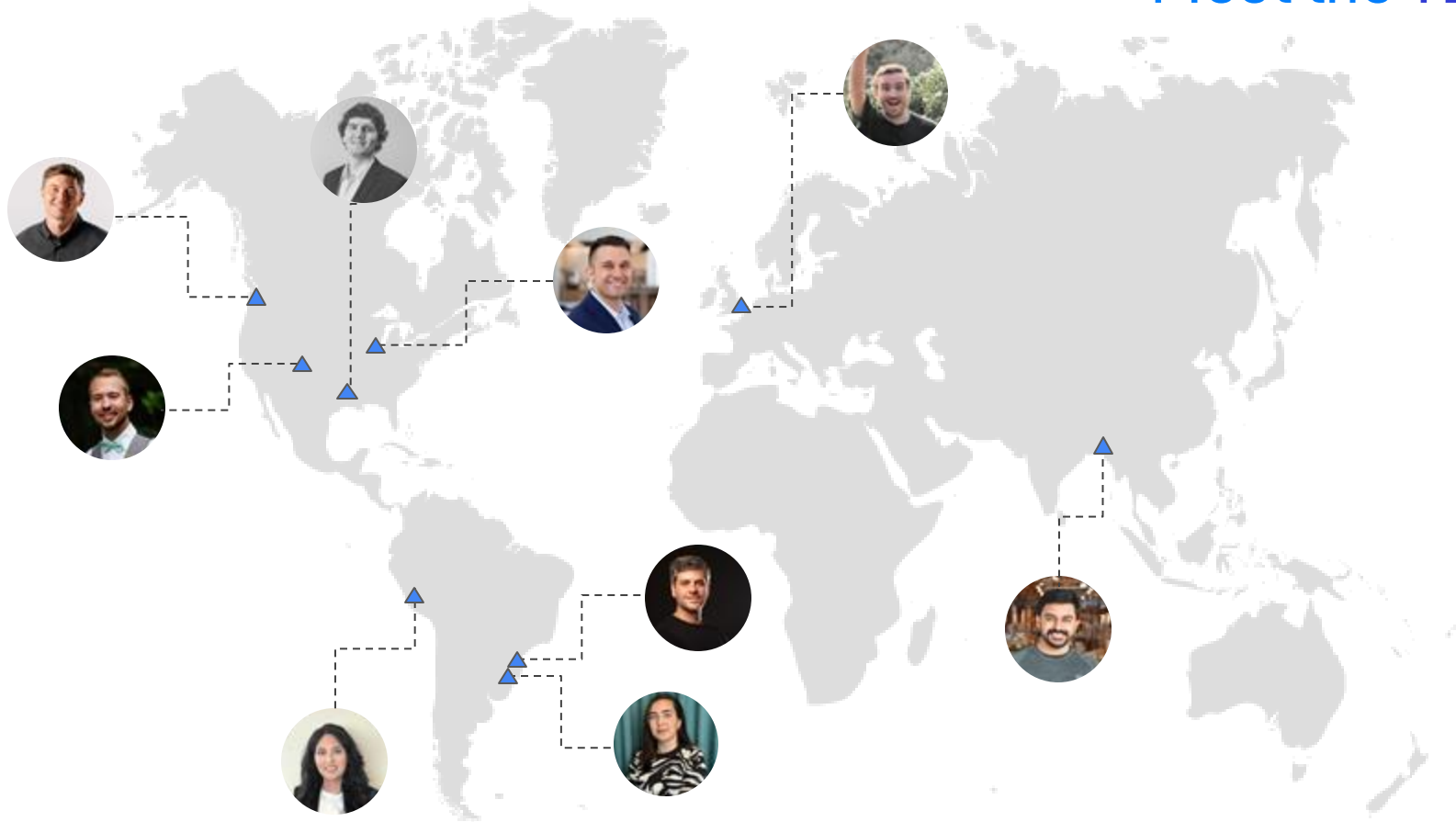
The logo consists of a white 3D cube with a light blue shadow on its top and right faces, positioned to the left of the word "SPECKLE".

**SPECKLE**

**SPLASH!**



# Meet the TEAM



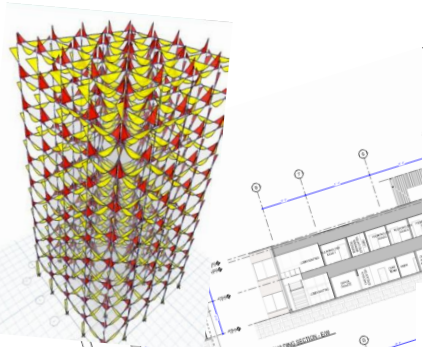


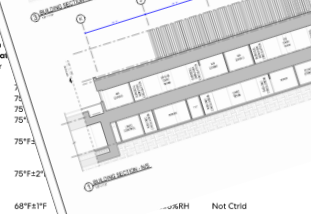
  
**Slow updates**

  
**Disconnected feedback loops**

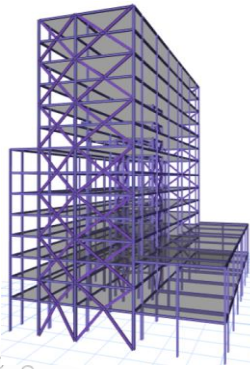
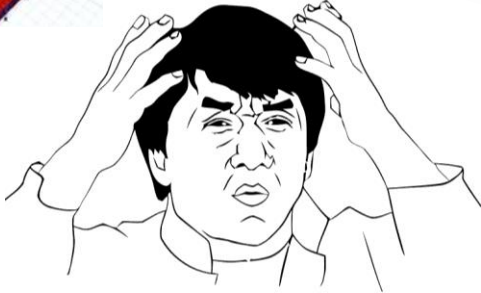
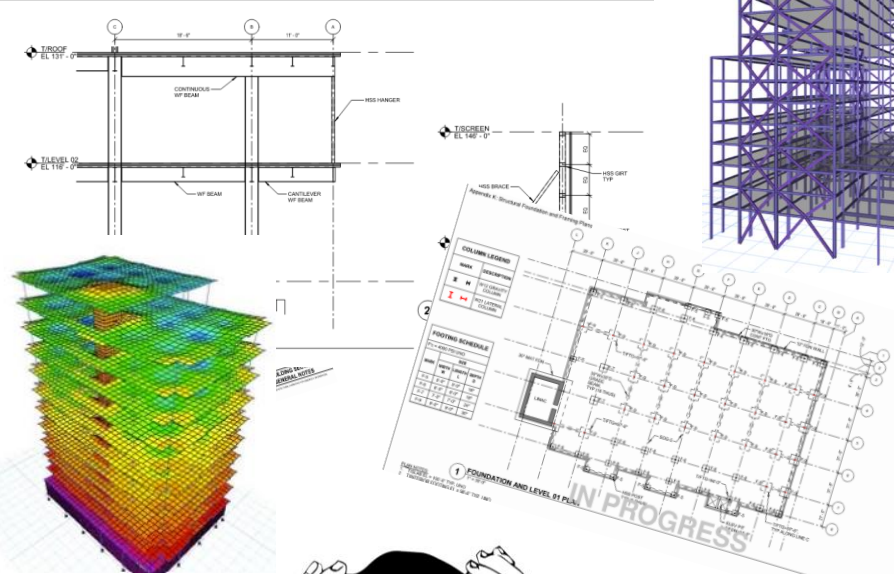
  
**Hidden analysis**

# Redundant Static Collaboration



Room/Area				
Trash Room				
<b>Out-Patient Health Diagnostic and Treatment</b>				
Linear Accelerator				
CT Simulator Rm				
Waiting Room				
Exam Rm				
Procedure Rm				
Neg Pressure				
Exam Rm				
Pharmacy, General				
Services				
Pharmacy/ Med				
Prep (No				
Compounding)				
Pharmacy USP				
797 Category 1				
Drug				
Compounding				
Pharmacy, USP	68°F±1°F	68°F±1°F	55%±5%RH	Not Ctrl'd
BOD - Category 1	68°F±1°F	68°F±1°F	55%±5%RH	Not Ctrl'd
HD Compounding	68°F±1°F	68°F±1°F	55%±5%RH	Not Ctrl'd
Pharmacy, USP	73°F±2°F	72°F±2°F	55%±5%RH	Not Ctrl'd
Ante Room	73°F±2°F	72°F±2°F	55%±5%RH	Not Ctrl'd
Laboratory Work	73°F±2°F	72°F±2°F	55%±5%RH	Not Ctrl'd
Room	73°F±2°F	72°F±2°F	55%±5%RH	Not Ctrl'd
Toilet / Shower Rm	73°F±2°F	72°F±2°F	55%±5%RH	Not Ctrl'd
<b>Out-Patient Health Core Spaces:</b>				
<b>Service / Support Space</b>				
Environmental	70°F±2°F	72°F±2°F	55%±5%RH	Not Ctrl'd
Services Room	70°F±2°F	72°F±2°F	55%±5%RH	Not Ctrl'd
Clean Workroom	70°F±2°F	72°F±2°F	55%±5%RH	Not Ctrl'd
Clean Supply	70°F±2°F	72°F±2°F	55%±5%RH	Not Ctrl'd
Storage	70°F±2°F	72°F±2°F	55%±5%RH	Not Ctrl'd
Regulated Waste	70°F±2°F	72°F±2°F	55%±5%RH	Not Ctrl'd
Holding	70°F±2°F	72°F±2°F	55%±5%RH	Not Ctrl'd
Soiled Workroom	70°F±2°F	72°F±2°F	55%±5%RH	Not Ctrl'd
Soiled Holding	70°F±2°F	72°F±2°F	55%±5%RH	Not Ctrl'd

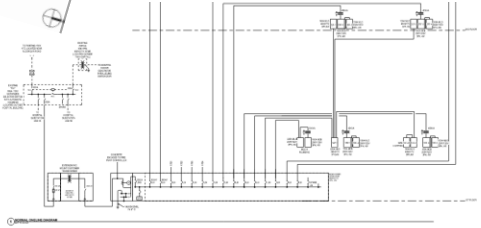
C. VENTILATION AND OCCUPANCY:  
1. Ventilation Criteria requirements:



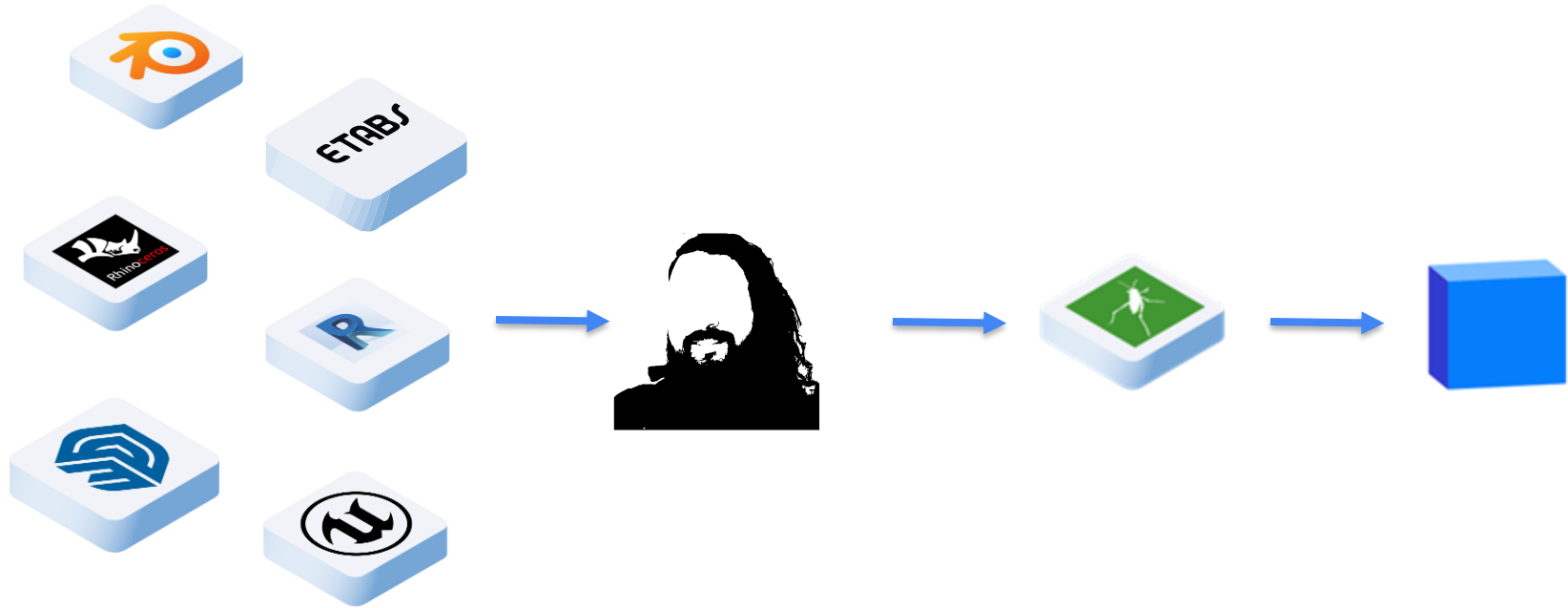
## terior Building Enclosure

Reference Schematic Design Drawings: EXTERIOR ELEVATIONS and ROOF PLAN.

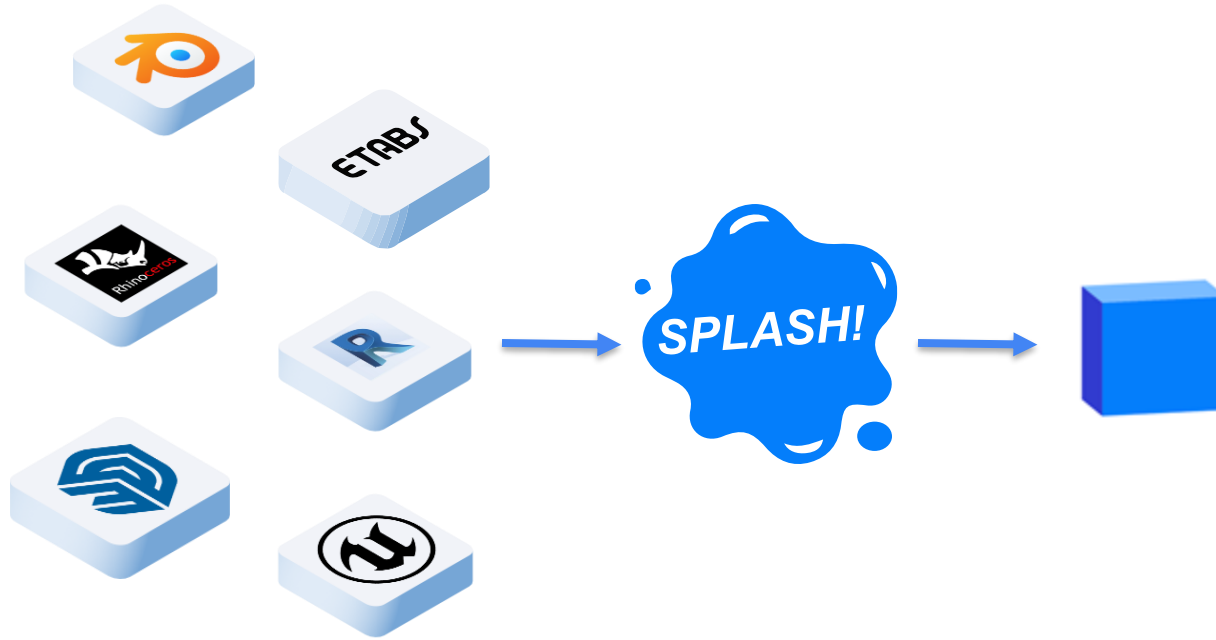
- A. Exterior Wall Systems (EWS)
1. EWS-1: Typical Exterior Masonry Cavity Wall
    - i. Basis of Design: Nominal 16" thick assembly with an exterior-facing wythe of brick, followed by a cavity consisting of a 2" air space, and 3" of continuous mineral wool board insulation. The backup assembly will be engineered cold-formed metal framing construction with fiberglass batt cavity insulation, and exterior fiberglass-faced gypsum sheathing with a fluid applied air barrier on the cavity side.
    - ii. Where CMU backup is indicated on the drawings, the interior wythe shall be nominal 8x16 inch normal weight concrete block ASTM C90, Grade N, Type 1, running bond, painted on the interior side, and coated with fluid applied air barrier on the cavity side. The concrete block may be grouted solid and reinforced at certain locations for horizontal span and/or wind resistance requirements.
    - iii. Anticipate brick masonry on-site mockup for Owner review & approval.
    - iv. Cold-form framing shall be Delegated Design Engineering Scope by Contractor
    - v. Brick Grade: SW, Type FBX per ASTM C216
    - vi. Brick Size: Norman Brick (3 5/8"W x 2 1/4" H x 11 5/8"L)
    - vii. Face Texture: Still under design. Hold 2 face textures for pricing exercise.
    - viii. Brick Color: To be selected by Architect from full range of colors and approved by Owner.
      1. Brick 1: Basis of Design: Brick color to be determined to match campus.
    - ix. Bond Pattern: 1/2 running bond.
    - x. Mortar Color: As selected by Architect from full manufacturer's range.
    - x. Sealants: Tremco or equal.
  2. Through-wall flashings shall be either fully-adhered composite flexible membrane (at supported conditions), W & Grace "Perm-A-Barrier" or equal, with stainless steel terminations at all drip

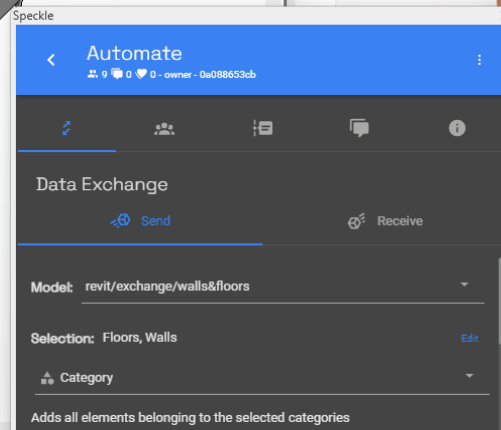
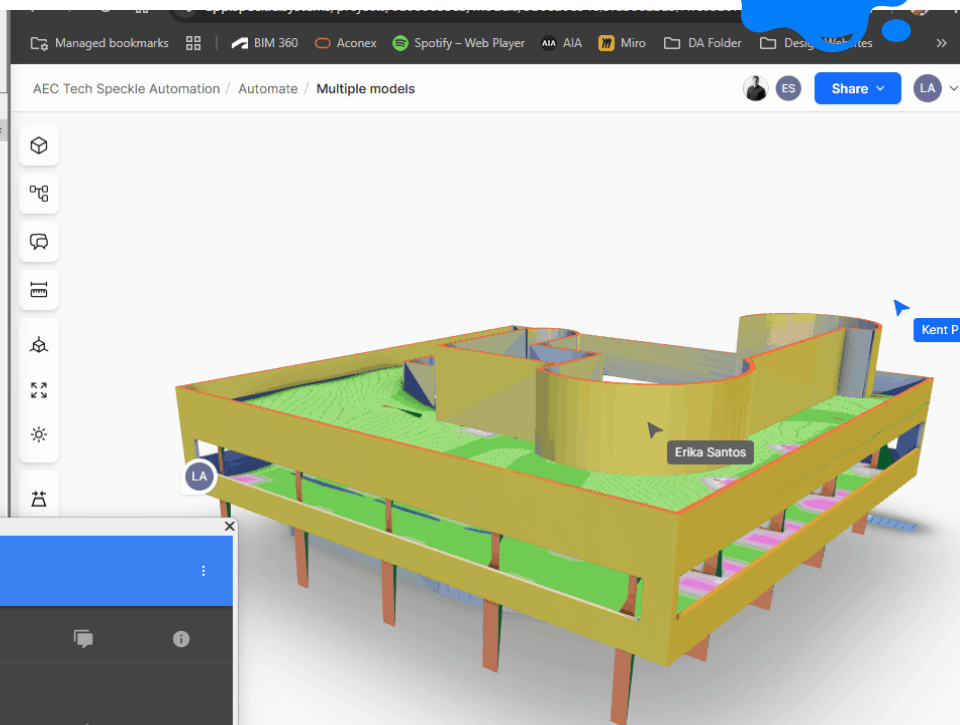
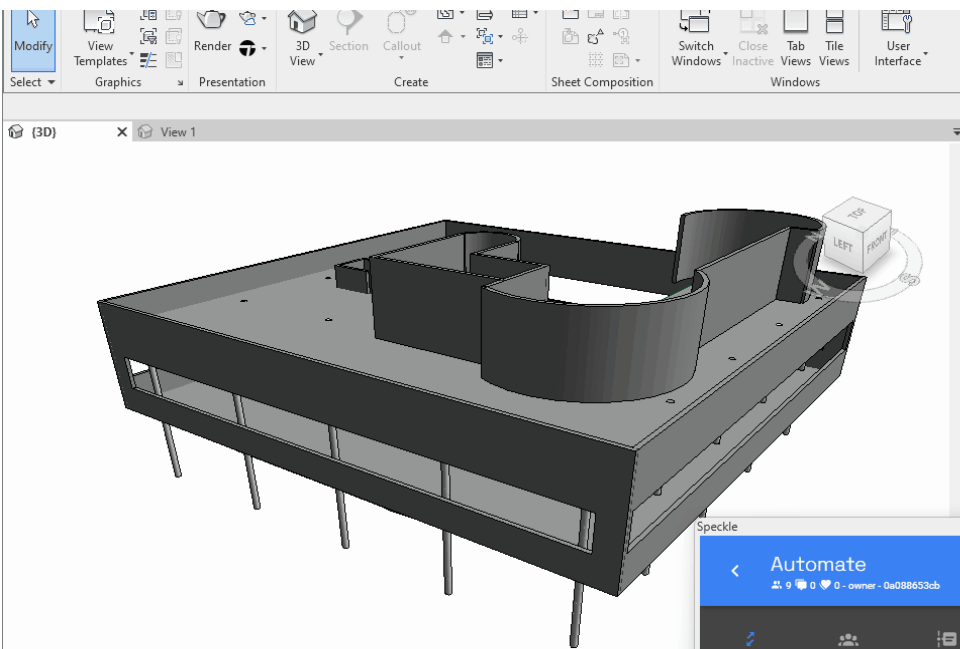


# Computational Design **Bottleneck**



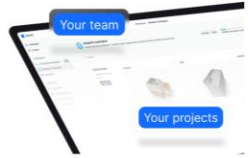
# Computational Design **Bottleneck**







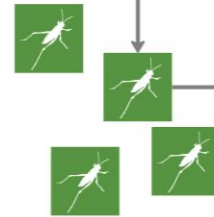
# Workspace



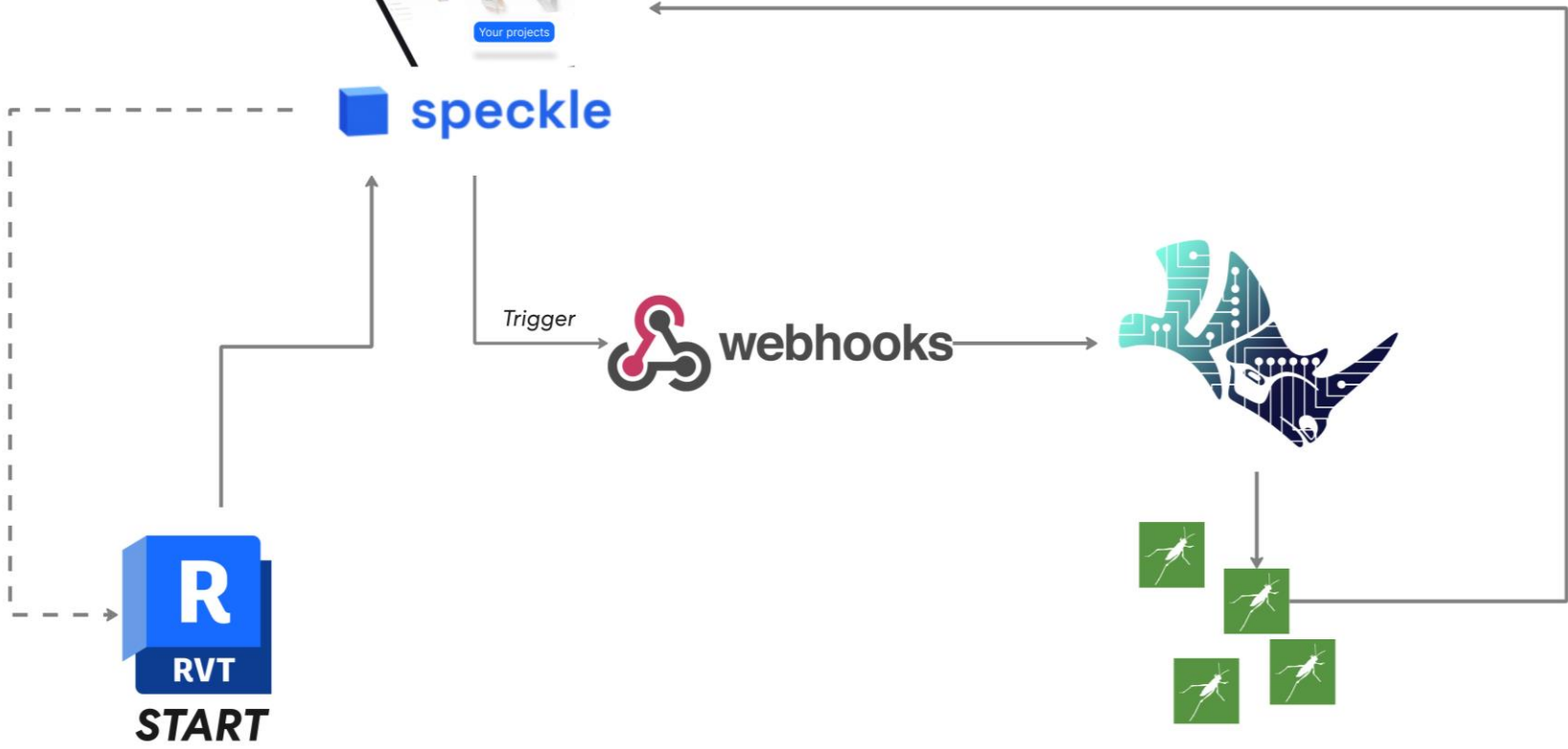
Trigger



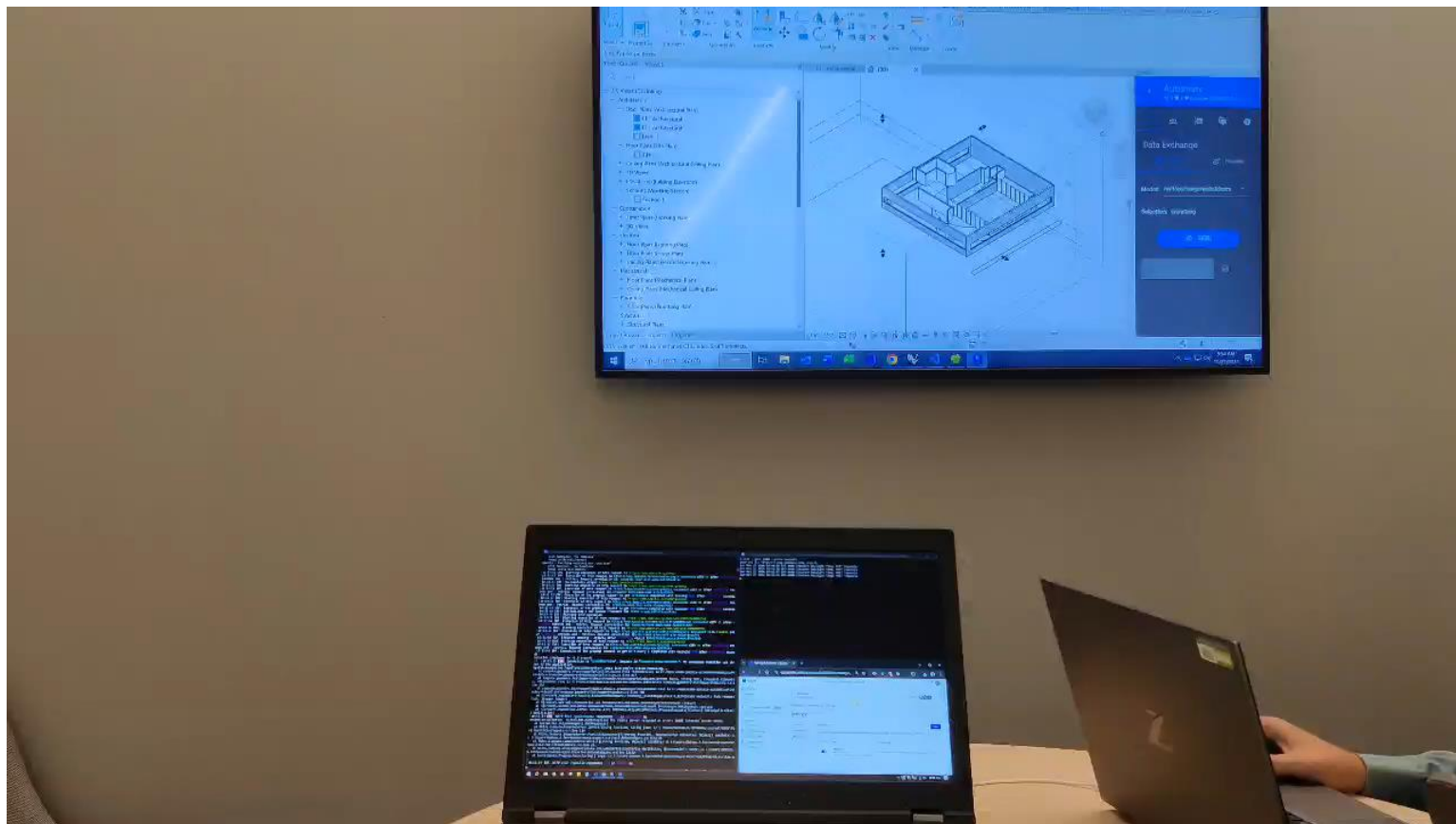
webhooks

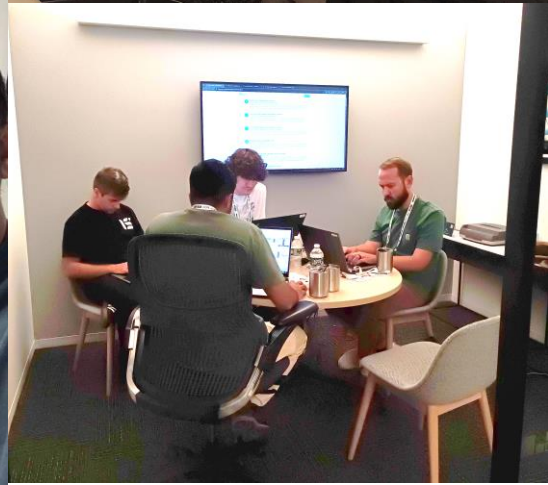
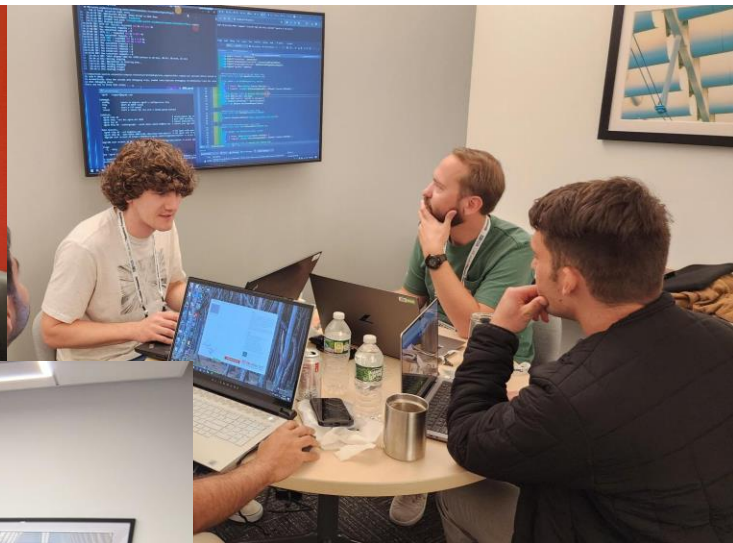
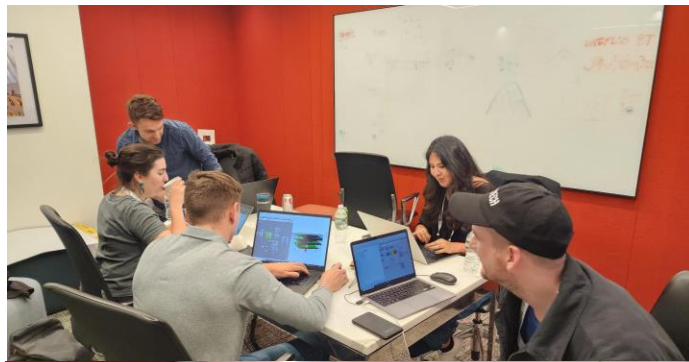
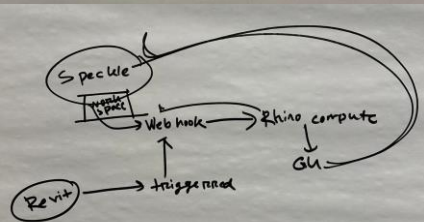
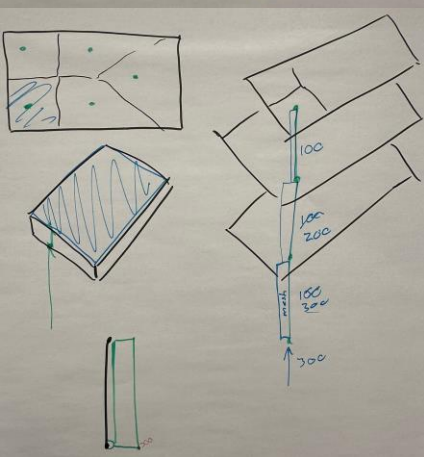
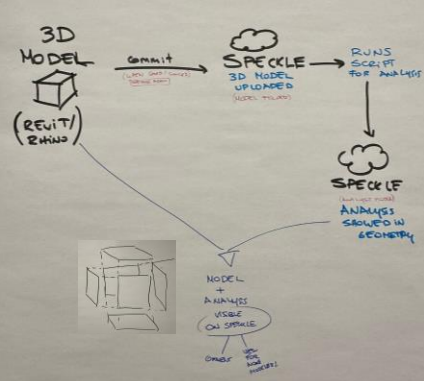


**START**



LIVE DEMO





Q & A

Scene explorer

Unfold

Collapse

radiation

Model version

(1)

column\_axial\_results

Model version

(1)

floor\_deformations

Model version

(1)

column\_moment\_results

Model version

(1)

floors&columns

Model version

(1)

Filtering

Object Type

Objects.BuiltElements.Column:Objects.B...

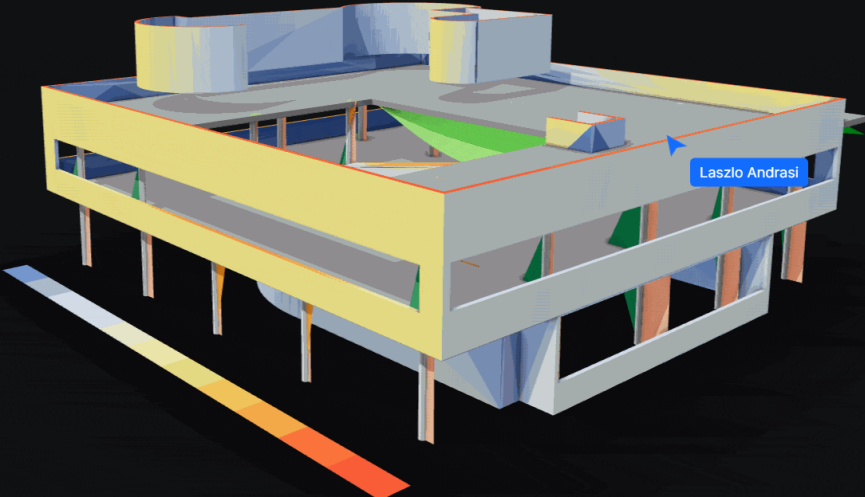
44

Objects.BuiltElements.Floor:Objects.Built...

2

Objects.Geometry.Mesh

5



# The TEAM



**Stephen** Prendergast



**Nathan** Terranova



**Wade** Vollink



**Kent** Pretorius



**Erika** Santos



**Julio** Sarachaga



**Agustina** Aboy



**Laszlo** Andrasi

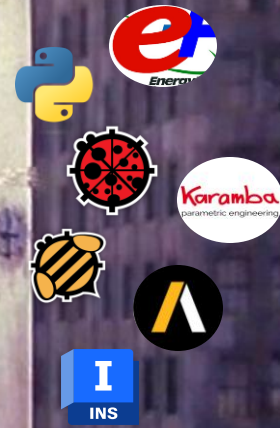


**Anik** Alam






SPLASH!



THANK YOU!

 [github.com/team-speckle-automation](https://github.com/team-speckle-automation)

