

Communal Housing Typology On Mars

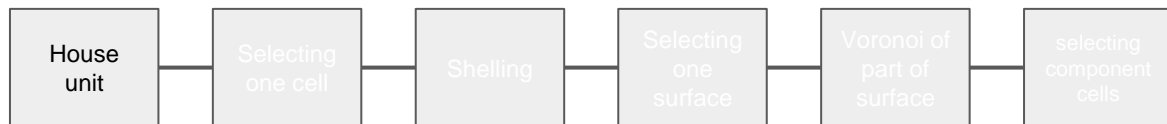
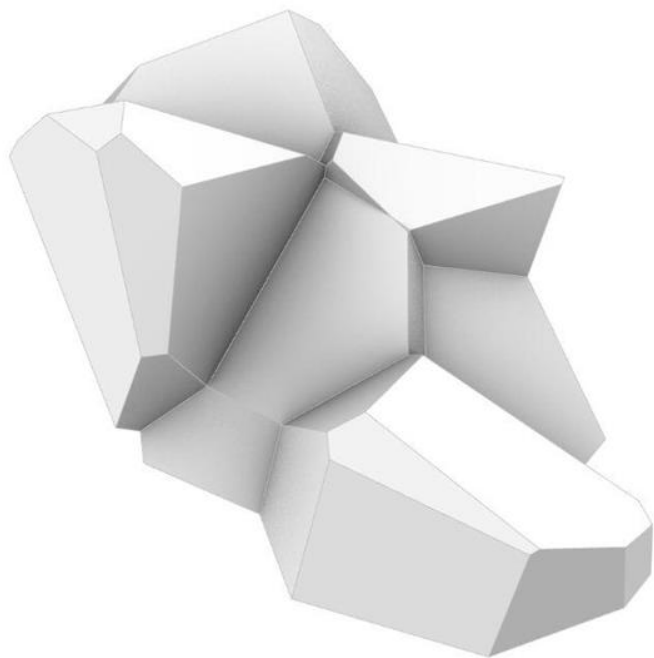
Group 4

David, Coby, Mikolaj, Simon

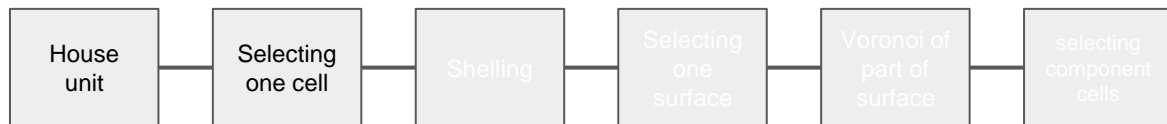


Production and assembly

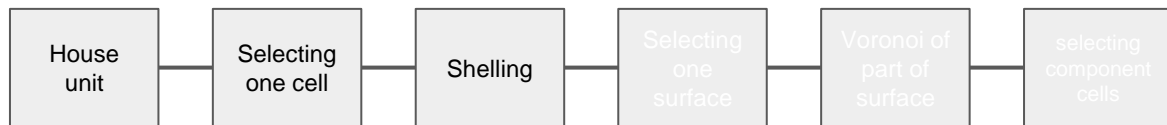
House unit as base model



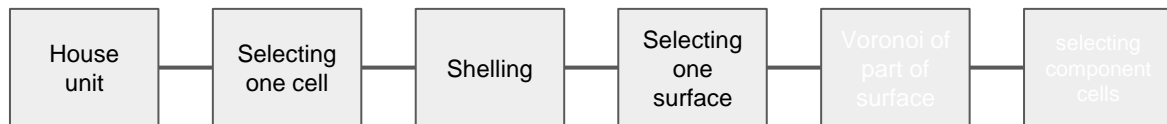
Selection of one of cell



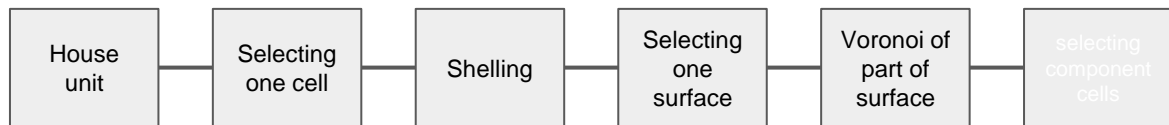
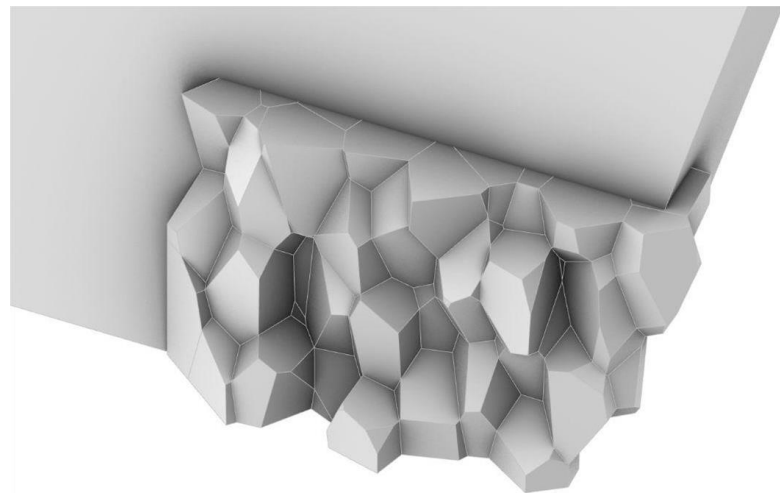
Adding wall thickness of cell



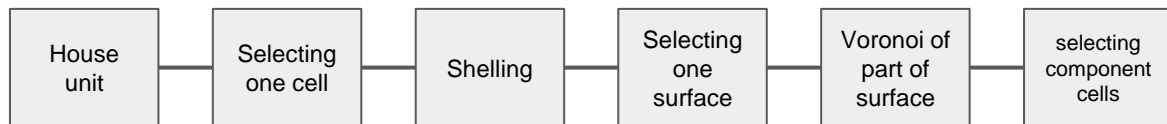
Selection of wall



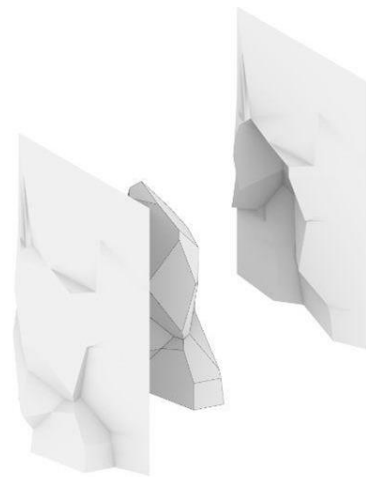
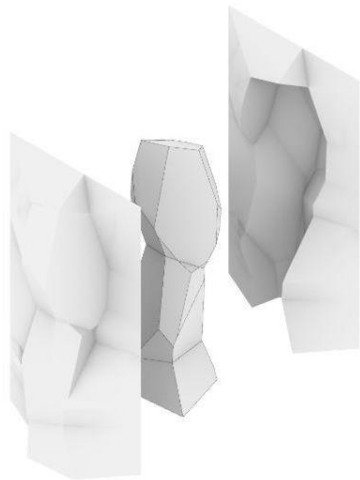
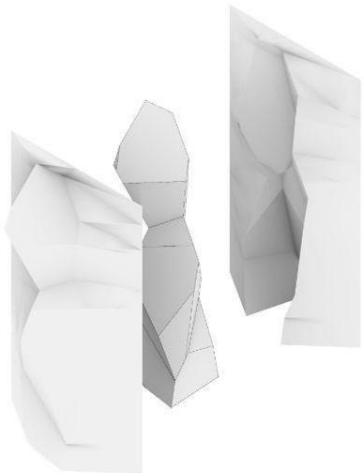
Voronoi in wall fragment



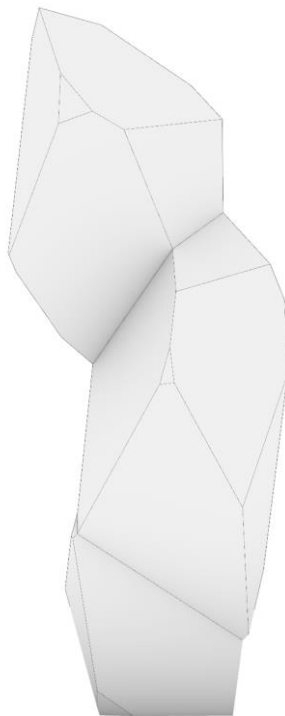
Selection of component



Preparing the components for initial material removal tool path creation



Face selection, face texturization and hole selection



Isolate naked faces



Create tool paths for the faces



Texturized faces and holes