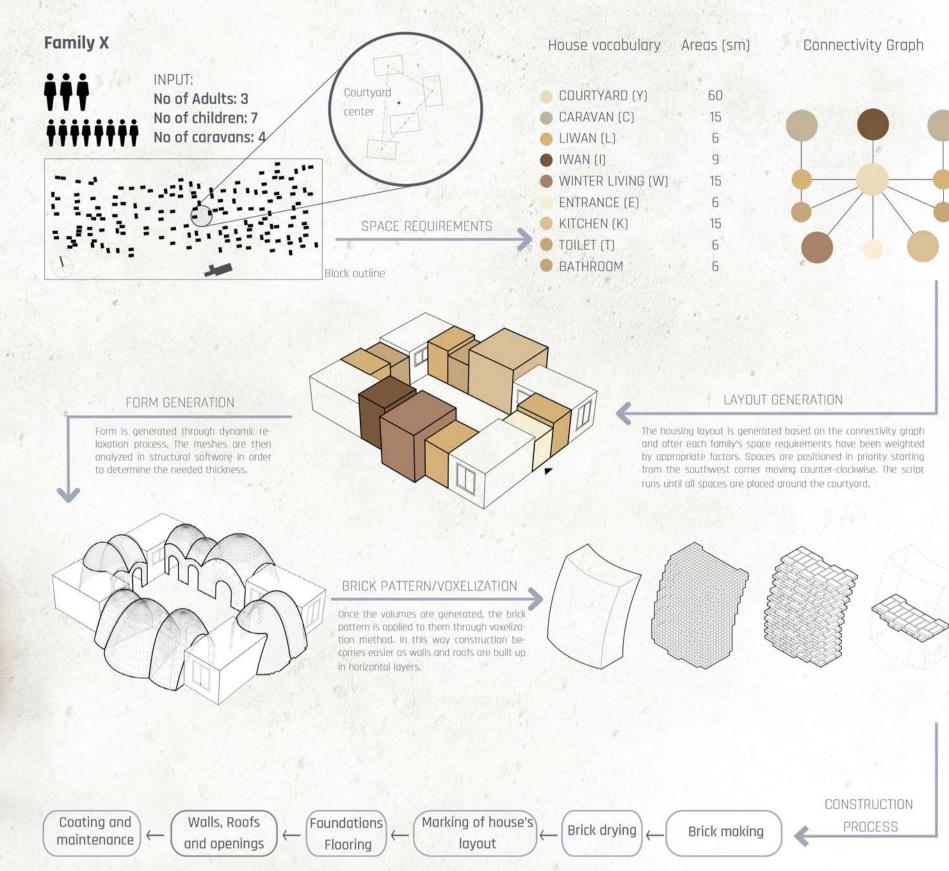
## **TERRABAYT**

## terra /'terə/ - lat. earth bayt /bajt/ - ar. house

Terrabayt is a computational tool that allows for the involvement of the end user in the process of designing and constructing earthy architecture, aiming to improve the existing camp housing situation of Al' Zaatari refugee camp. The tool ultimately generates housing typologies more in line with the needs of its inhabitants, whose topological and geometrical characteristics are based on traditional Syrian ones; hence the name Terrabayt. From a practical point of view, the existing containers are combined with earthy additions to form this new typology. The existing structures and materials are utilized to minimize waste, and allow the camp inhabitants to remain in their units during construction. As the inhabitants build the earthy extensions, their sense of ownership, and self reliance will inevitably increase. This will allow for a transition from a state of "refugee" to that of a "homeowner,", and a transition of Al'Zaatari from a "camp" to a "settlement".





floor plan\_1:150

section\_1:150

