Relief Housing in Yemen
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Goal
To house and help the Internally Displaced Persons (IDPs) by creating a self-sustaining community

Introduction
Yemen is under civil conflict
Conservative north against socialist south
About 2 million people were forced to abandon their homes leading to an IDP crisis

Escalation of Problem
In 2015, the anti-rebel coalition of middle eastern and african countries began making air strikes and enforcing a blockade
Result: Destruction of infrastructure and famine -> more IDPs

Our Solution
Build a self-sustaining community in Aden that provides housing, opportunities for employment and education

Why this Site was Chosen
- Protected Location
  - Far from the conflict
  - Surrounded by mountains
- Near commercial and social centers
- Close to water and to the ports
- In a valley suitable for agriculture
- 100K square meter area
  - 7,000 people in 700 homes

Housing Design
Modular, rapidly deployable structures that integrate bedding and living spaces

Pros
- “Suit Style”
- Connective
- Low cost
- Easy to deliver and install
- Has living spaces and garden
  - Can keep families and communities together

Cons
- Has not been implemented
- Delivery to or fabrication at a country in crisis may be difficult

Materials to be Used
- Cement (Yemen Cement Company)
- Gypsum
- Internal Walls
- Clay, Stone
- Exterior wall
- Clay
- Roof

Education & Employment
- Site will include school
- Children under the age of 16 will receive free education
- Older minors and adults will be hired on-site

Site Location in Aden

Exact Site Location

Floor Plan