**Use Cases**

1. **User**

* Sign Up
* Complete E-Agreement
* Make/Receive Payment
* Create House Design
* Save House Design
* Update House Design
* Download House Design
* Provide Feedback

1. **Customer**

* **Maintain Profile**
* **Search for Material Providers**:
  + Based on location (nearest to location).
  + Based on price (cheapest among others).
  + Based on customer ratings (highest rating).
  + Based on price range (price according to the range).
* **Calculate Material Cost**:
  + According to material providers.
  + According to construction companies.
* **Material Estimation**
* **View Construction Companies**
* **Request House Building Project**
* **Share House Design**
* **View Ratings**
* **Provide Feedback**

1. **Construction Companies**

* **Build Profile**
* **Upload Previous Work**
* **Review Customer Requests**
* **Accept/Decline Requests**
* **Save House Design**
* **Provide Construction Cost**
* **Manage Material Prices**:
  + Add material item prices.
  + Update/delete material item prices.
  + Add new material items.

1. **Material Providers**

* **Build Profile**
* **List Material Items**
* **Manage Material Prices**:
  + Add material item prices.
  + Update/delete material item prices.
  + Add new material items.

1. **Admin**

* **View Feedback**
* **Manage Accounts**
* **View Stakeholder Details**
* **Manage Views**