

We're going to classify the tasks from a range of 1 to 5 determining the amount of effort that it required. With 5 as tasks that takes more effort and time

Zhuohong Yang & Assane → For Homebuyer and Property Renter (Parent Task):

1. User Registration and Authentication (Parent task for the whole application): (3)
  - Implement bcrypt for hashing.
  - Frontend features of the login page and register page.
  - Account schema for the backend.
  - Setup PrismaDB and MongoDB.
2. Property Search and Filtering (Child task for listing creation/display): (4)
  - Use React filters for search categories.
  - Frontend features modification using Tailwind CSS.
3. Property Listings Display (parent task): (3)
  - Setup backend schema.
  - Create React components for listing cards.
  - Frontend features modification using Tailwind CSS.
4. Save Favourites (child task for listing creation/display): (2)
  - Need to be previously set up in the account schema for the backend.  
(check 1-3)
  - Frontend features modification using Tailwind CSS.
  - Create like or dislike functionalities.
  - Create favourite page and endpoint for the user.
  - Frontend features for the favourite page using Tailwind CSS.
5. Property Viewing Requests (child class for listing creation/display): (4)
  - Need to be previously set up in the account schema for the backend.  
(check 1-3)
  - Create reservation page and endpoint for user.
  - Create booking functionality and cancelling functionality.
  - Frontend features for reservation requests using Tailwind CSS.
6. Contact Property Owners/Managers (child class for listing creation/display): (3)
  - Create contact info in the property viewing page.
  - Frontend feature modification using Tailwind CSS.

Mann Patel & Alimurat Dinchdonmez & Alex Tong → For Broker:

1. Broker Authentication and Profile Management: (3) (parent task)
  - This will be similar to part 1 of Homeowner & Property Renter
2. Property Pricing: (4) (child task for property management)
  - Create pricing information in the property viewing page.
  - Frontend feature modification using Tailwind CSS.

3. Property Management: (3) (parent task)  
Backend needs to be setup in the beginning.  
Display in frontend.
4. Client Preferences and Matching: (3) (child task for property management)  
Use React filters.  
Create a matching model which takes preference information to implement React filters.

Together → For System Administrator:

1. Broker Profile CRUD: (2)  
Backend setup & frontend setup.
2. Security and User Access Management: (4)  
This was set up during login page creation for the broker's account.  
For security. Bcrypt hashing.