About the APIs:

1) /data/areas
    a. Enables users to easily find their location
    b. Accepts various parameters such as city, suburb or post code
    c. Returned value is 'Success', 'Failure' or 'Invalid'
2) /data/explore
    a. Provides various types of filters for users
    b. Grouped by median price and num sold
    c. Select by time range (years)
    d. Area grouped by suburb, council and post code
    e. Group by property type, no. of bedrooms, no. of baths, no. of car spaces, distance to CBD bucket, land size bucket and building area bucket
    f. Can repeat (e) with secondary group by
3) /data/model
    a. Select suburb
    b. Property type (house, townhouse, unit)
    c. Select number of bedrooms
    d. Option of number of bathrooms
    e. Pick car spaces
    f. Set price
    g. Set land size
    h. decide year built
4) /data/sales-listing
    a. Select suburb, property type, no. of bedrooms, no. of bathrooms and car spaces
    b. Returns list of properties with all values

actor1 (real estate agent/student/researcher/property buyer/property seller):

a) Filter properties based on wide range of filters
b) Visualize the status of diff properties based on the filters
c) Predict price of properties based on requirements (bedrooms, etc.)
d) Research on price trends of 2016, 2017 and 2018.
e) Predict future pricing trends to estimate change in land costs in Australia.
f) Check market price of data before quoting price to real estate agent
g) Verifying the worth of a property before purchasing.

actor2 (admin user/developers:

a) Developers can register with the API
b) Scrape data and model networks to yield optimal performance
c) Admin monitors tokens and developers accessing the user authentication.
d) With use of endpoints developers can create their own prediction systems