HOUSE PRICE PREDICTION

Subject: Project – I (4IT31)

INFORMATION AND TECHNOLOGY DEPARTMENT

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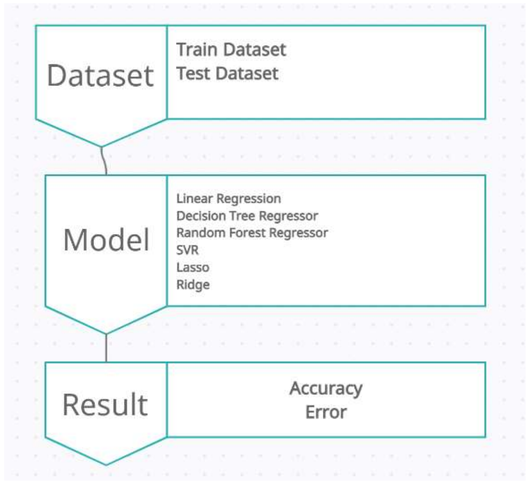
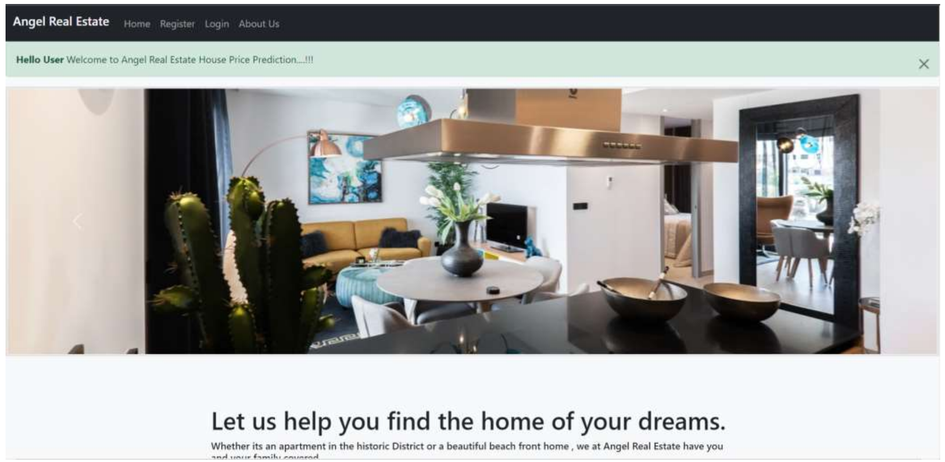
ABSTRACT

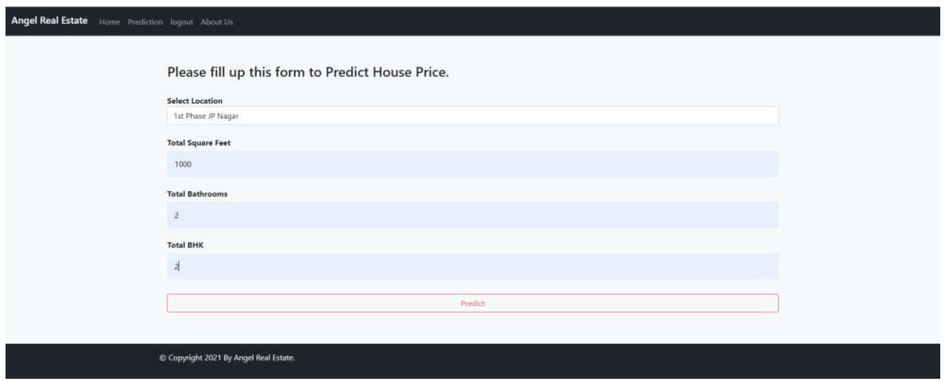
- Our aim is to predict house price by using ML algorithms like linear regression, random forest. We will discuss how house prices are affected by different housing characteristics like number of rooms, We compared the predicted values with real values. After training our model we tested it with given test dataset, by the location of house etc. We managed to get closest prediction value of sale price for the given Features.

PROPOSED SYSTEM



UI - DESIGN





CONCLUSION

- The highest accuracy we obtained was around 80% .
- We did comparative study of data using various regression models and compared their accuracy.
- A larger dataset may improve accuracy whilst reducing error.
- To get cutting edges result, we may use advanced models like ANN.

FUTURE WORK

- The project is flexible in terms of expansion and can be expanded to find house price by the area with low crime rate, high employment rate and it can also predict increase in future price considering inflation.

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