CMP 681 INFORMATION RETRIEVAL PROJECT PROPOSAL

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PREDICTING HOUSE PRICE

As the scope of the Information Retrieval Lecture project, I want to study on Software Track. Basically in the scope of project, I am planning to create house price dataset which collected from WEB. After that I will create model to predict house price according to this dataset. It will be standalone tool.

House price can change season to season or year to year and it can be affected by crises, new constructions(like metro station, hospital) etc. So for these reasons, dataset must be up-to-date. Instead of walking around the whole region and learning about house prices, visiting WEB pages and learning house prices is more clever method.

This application can be used by house owner, estate appraiser, and foreigners who will buy house in Turkey. When foreigners buy house in Turkey, they must take estate appraiser report. May be within a few years, it will obligatory for all citizen so with this application people can make double check over house price.

To create application, I will use Python programming language, Randomforest and BeautifulSoup libraries.

At the final step, I will check the accuracy of my model over test data (real data which obtained from another website.)

Intended Timeline   :

    03.04.2020 - Project Proposal Deliver
    29.04.2020 - Develop Retrieval System
    08.05.2020 - Create Model to Prediction
    12.05.2020 - Create User Interface
    25.05.2020 - Project Progress Presentation Deliver
    10.06.2020 - Project Final Report Deliver