AIRPLUS high level design document

# Introduction:

This is primarily a web application meant for knowing the price at which I can fix my Listing.

There are a set of listings which are a potential competition to my Listing. We get the primary listing id and secondary listing ids from user.

# Steps:

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WEB LAYER(EXT -JS)

MONGO DB

SERVICE LAYER(WCF)

Job runs everyday and pushes data into MONGOs

1. Should take the listing ids from user and store in DB
2. Everyday a job must be run which takes the listings from DB and runs it against airbnb and stores the output in mongo
3. Based on the data stored ,the web layer can query the service layer and produce the required manipulations

MONGO DB:

The following must be saved.

1. Primary Listing ID.
2. Secondary Listing ID.

So a document in mongo should carry the following:

1. Listing Id
2. IsDownload
3. IsNotDownloadDate
4. Comments
5. CreatedDate
6. Created By
7. Primary Listing ID
8. IsPrimary

SCENARIO 1:

Create/Register USER

Start Analysis

Fill primary and secondary listing id

SCENARIO 2:

Login Page

Once in 3 days analyze if a secondary listing id is booked and if booked. For what price it has been booked for. Whether primary listing id has been booked or not

Dashboard:

Show him pie chart and an option to change it to bar.