Airline Fare Auto Notify

# Problem statement

Airline fare keep getting change based on demand and supply and various other facts. It’s a tedious job for consumer to hunt for cheaper fare for a given sector and given dates. There is a need for system which takes consumer’s probable date of travel, sector and notify the consumer when the fare drops to the value set earlier by consumer.

This will ease consumers to hunt for cheaper or desired fare without keep on checking the fare periodically.

This is a basic problem statement and later we are planning to extent it to make consolidated APIs for broader consumption. That will be taken up once we have a clarity on the initial requirement and design.

# Proposal

The proposal to make a website which takes the preference from consumer\user and inform\intimate user by sending him a mail when the fare drops\reaches to the user’s desired value.

The website login will keep the user preferences into a server side DB and periodically checks the fare for the given sector for a given date specified by user. When the fare drops to user’s desired value then it will send an email to the user.

# Further studies

We are currently studying the APIs exposed by various airlines to check fare for a given date and sector.