

User
[person]



Wants to see the price variance of tickets to London

Know Your Flight Price System
[software system]

The system allow users to see
the price variance of tickts to
London and how they have been
affected by the tweets sent in
that period

Gets data from

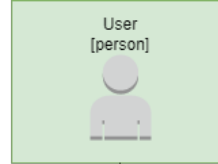
Twitter API
[software system]

Public API for scrapping
Twitter in search for desired
tweets

Selenium Flight Crawler
[software system]

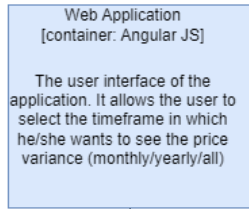
Cron job that runs 3 times a day
and crawls kayak.com website in
order to fetch the ticket's price for
flights to London

Gets data from

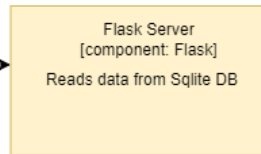


Visits the site (http)

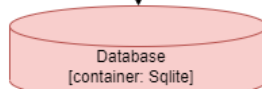
Selects the timeframe in which he/she wants to see the price prediction



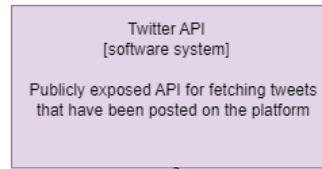
HTTP request



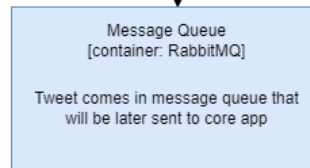
reads



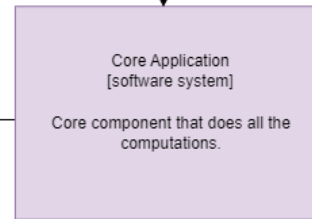
writes result



sends tweet

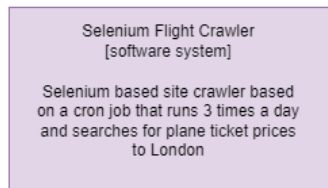
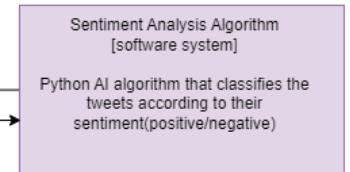


sends message

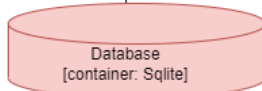


HTTP response

HTTP request



writes



reads data once a week

