

Pure SQL/JSON

Queue of requests

A queue will prevent slow/breaking loads
Throttling when necessary
Makes load-balancing a breeze
Auto-redudancy for uptime

Legend

Red - Database or data store

NORMALIZATION,

ETC

Yellow - kafka or the like message queue for better performance on upload

Green - process incoming requests & make call to DB

Purple - preparing photos

Red (but for real) - Internal Authentication between services