

How to improve response time?

Processing the request means:

1. Parse the HTTP request
2. Map the URL to the handler
3. Query the database or third-party API
4. Compute the HTTP response

DB and API accesses are expensive
(in time but also money when your
host charges you each access)



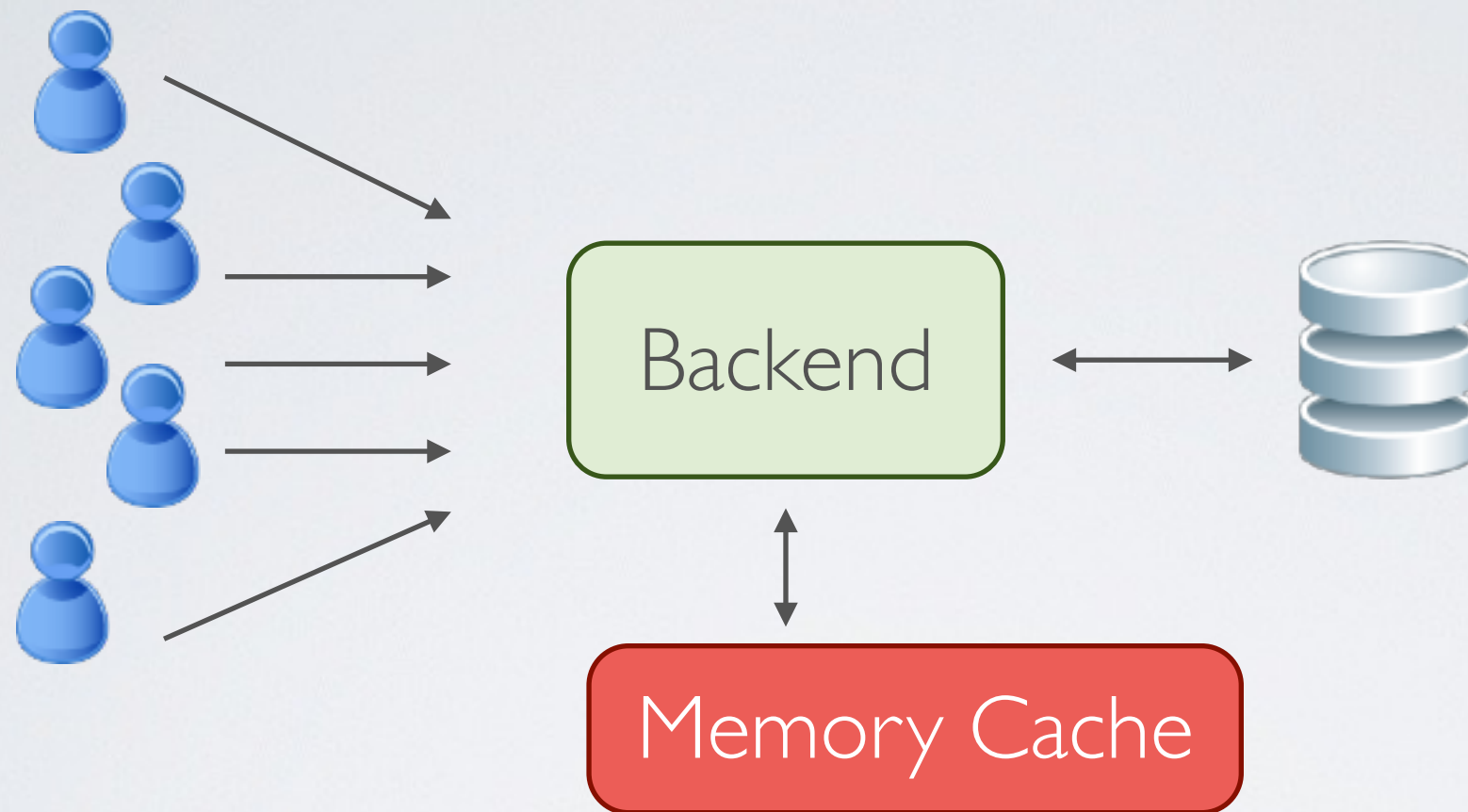
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Fine-grained caching with the web application



Cache controlled by the program

- Specific for each app

- ✓ Good for caching database requests and storing sessions

- ➔ Popular memory cache : *Memcached*