



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  
(time and money when your host  
charges you each access)



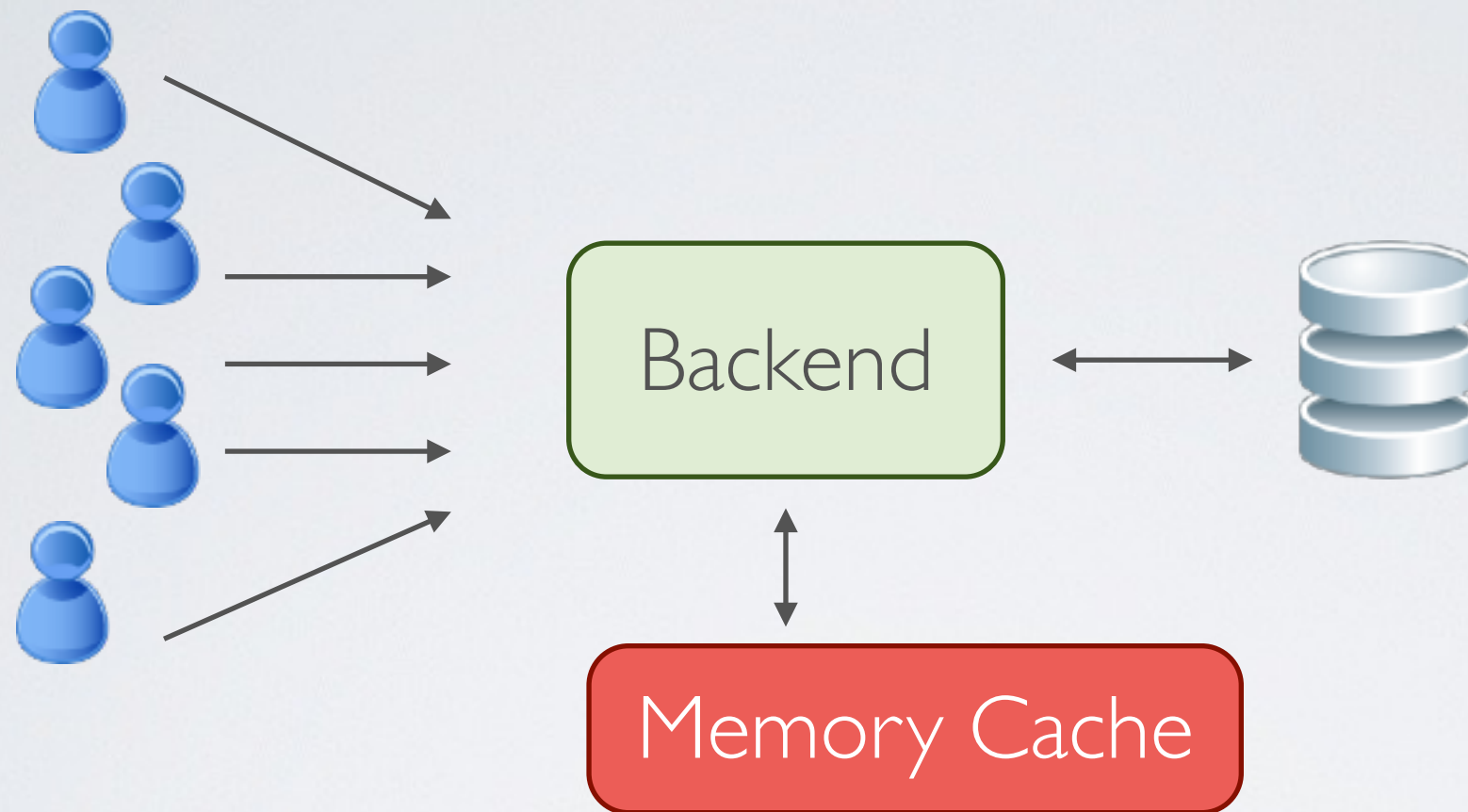
# How to improve response time?

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 (time and money when your host charges you each access)

# 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*