

CEGEDIM INTERNSHIP 2022

FULL STACK DEVELOPMENT

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TL for Cairo 6.

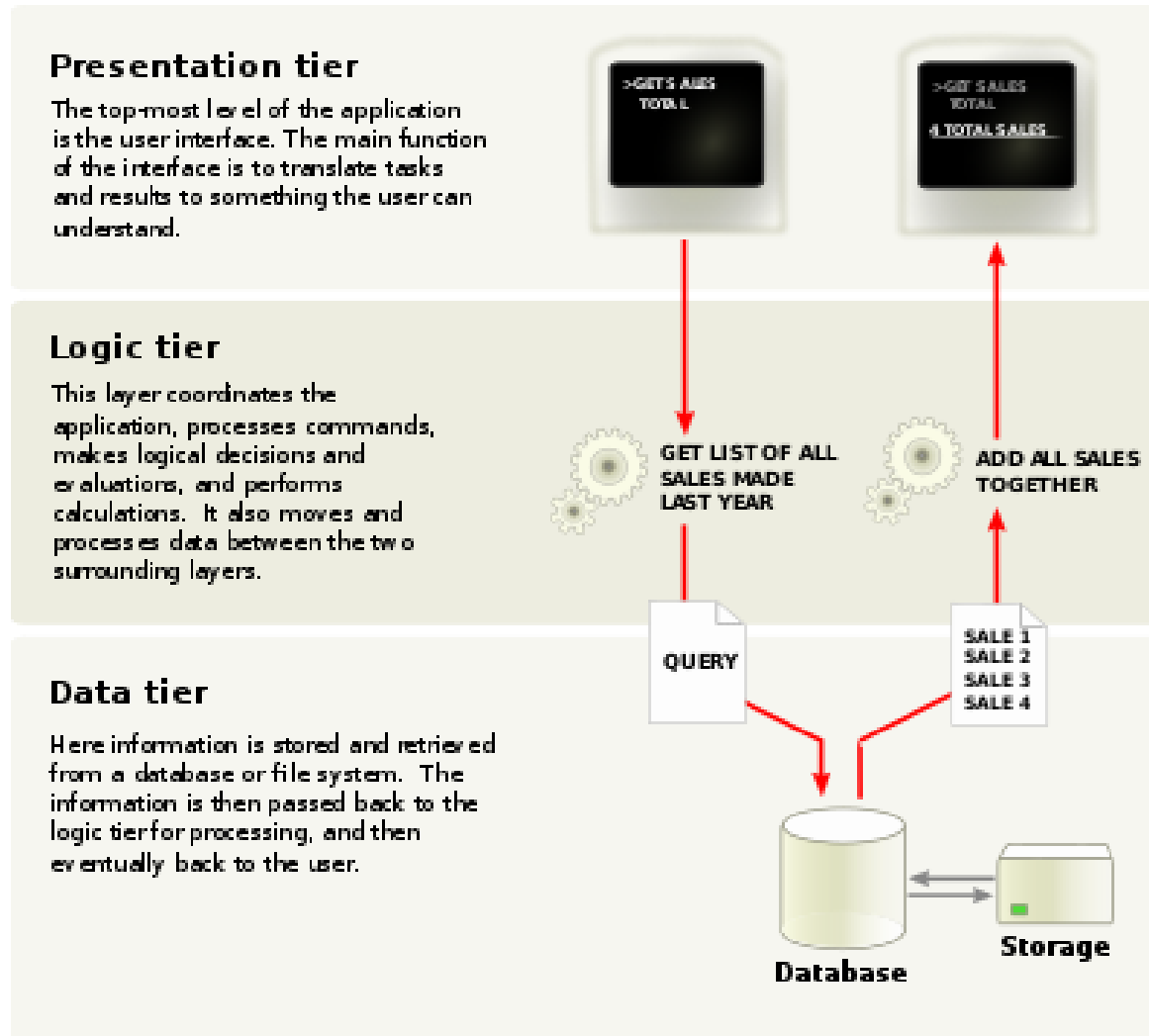
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The background is a blue gradient with white clouds. In the bottom left, a person stands on a white paper airplane, looking through a telescope. In the top right, a person hangs off the edge of a dark blue rectangular block, holding a large blue umbrella. The text 'WHAT WILL WE BUILD?' is centered on this block.

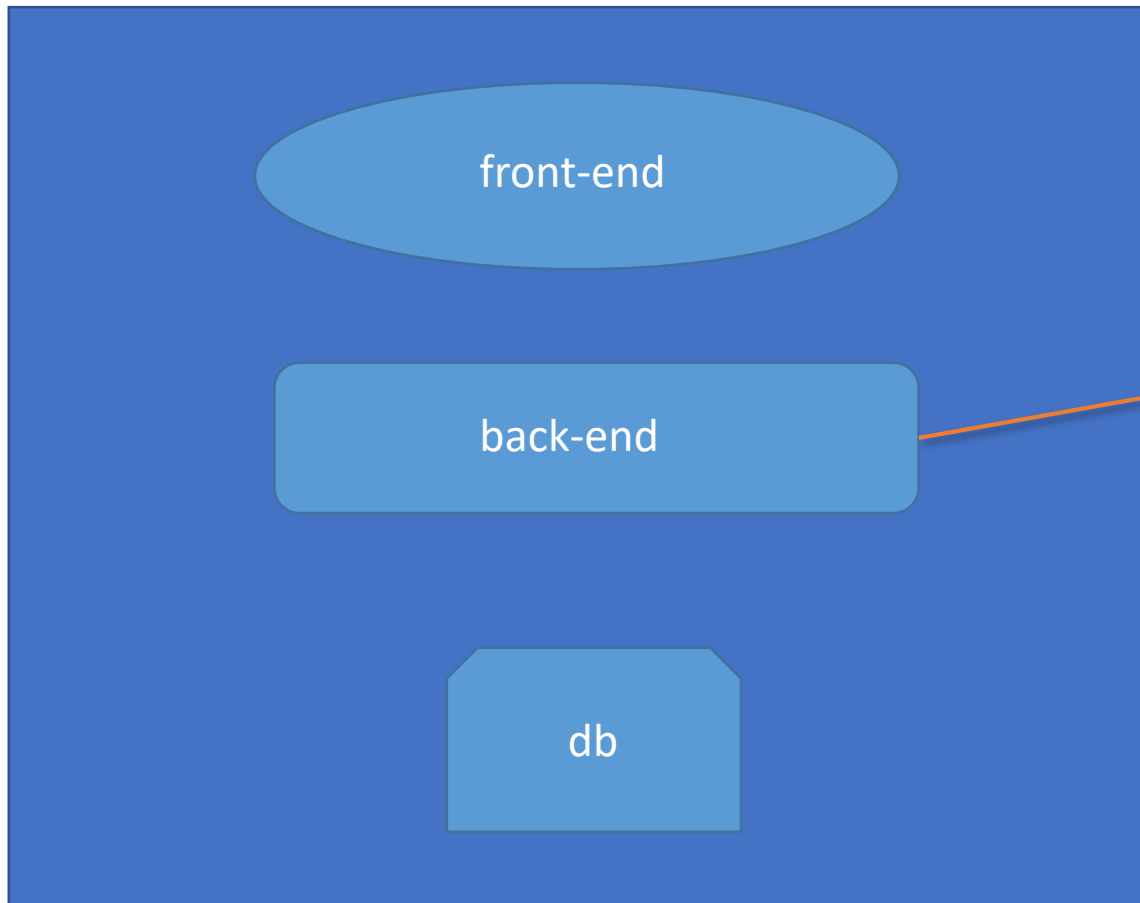
WHAT WILL WE BUILD?

What is Three-tier architecture?

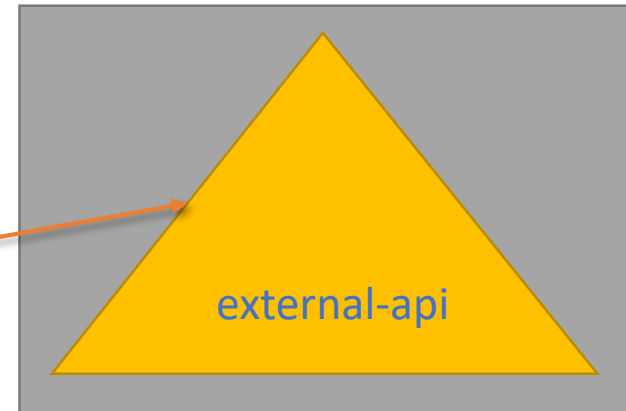


What is our architecture?

Our System



External Systems



What is the external API we will use?

<https://developers.themoviedb.org/3/getting-started>

/movie/popular Get popular movies
/movie/{movie_id} Get movie details
/search/movie Search for movie

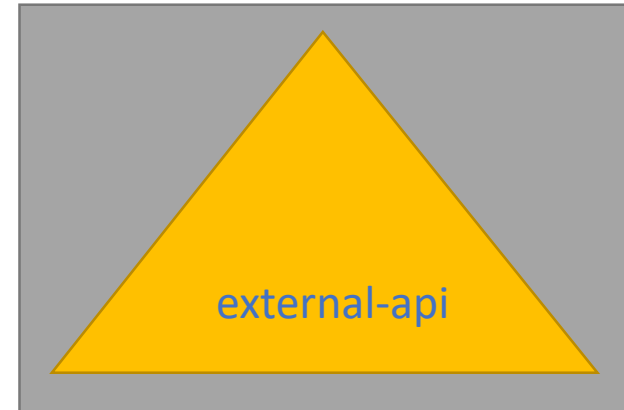
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api_url: <https://api.themoviedb.org/3>

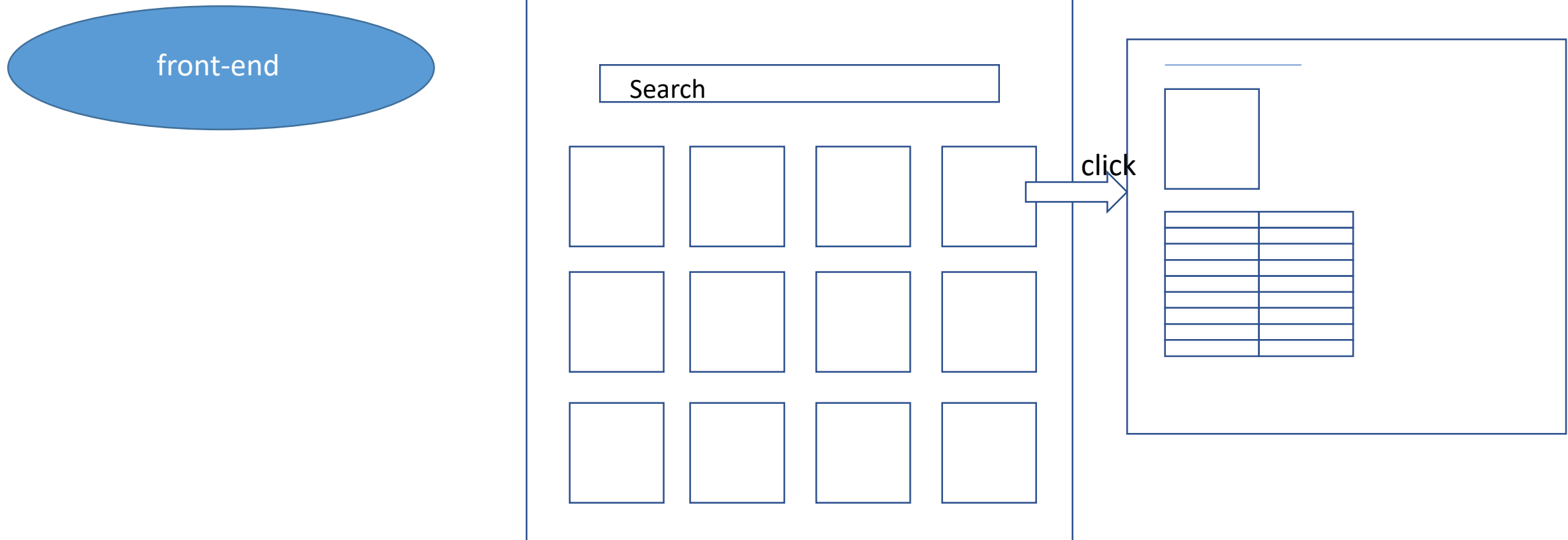
images_url: <https://images.tmd.org/t/p/>

image: <https://images.tmd.org/t/p/> + size + poster_path
example size w92, w400

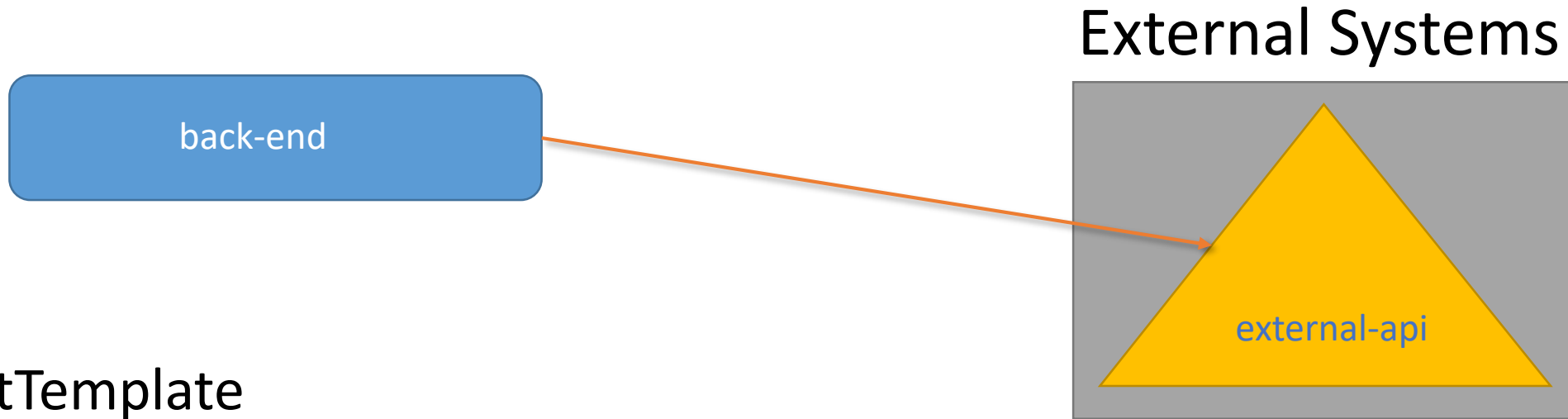
External Systems



What will front-end look like?



How will our back-end communicate with external-api?

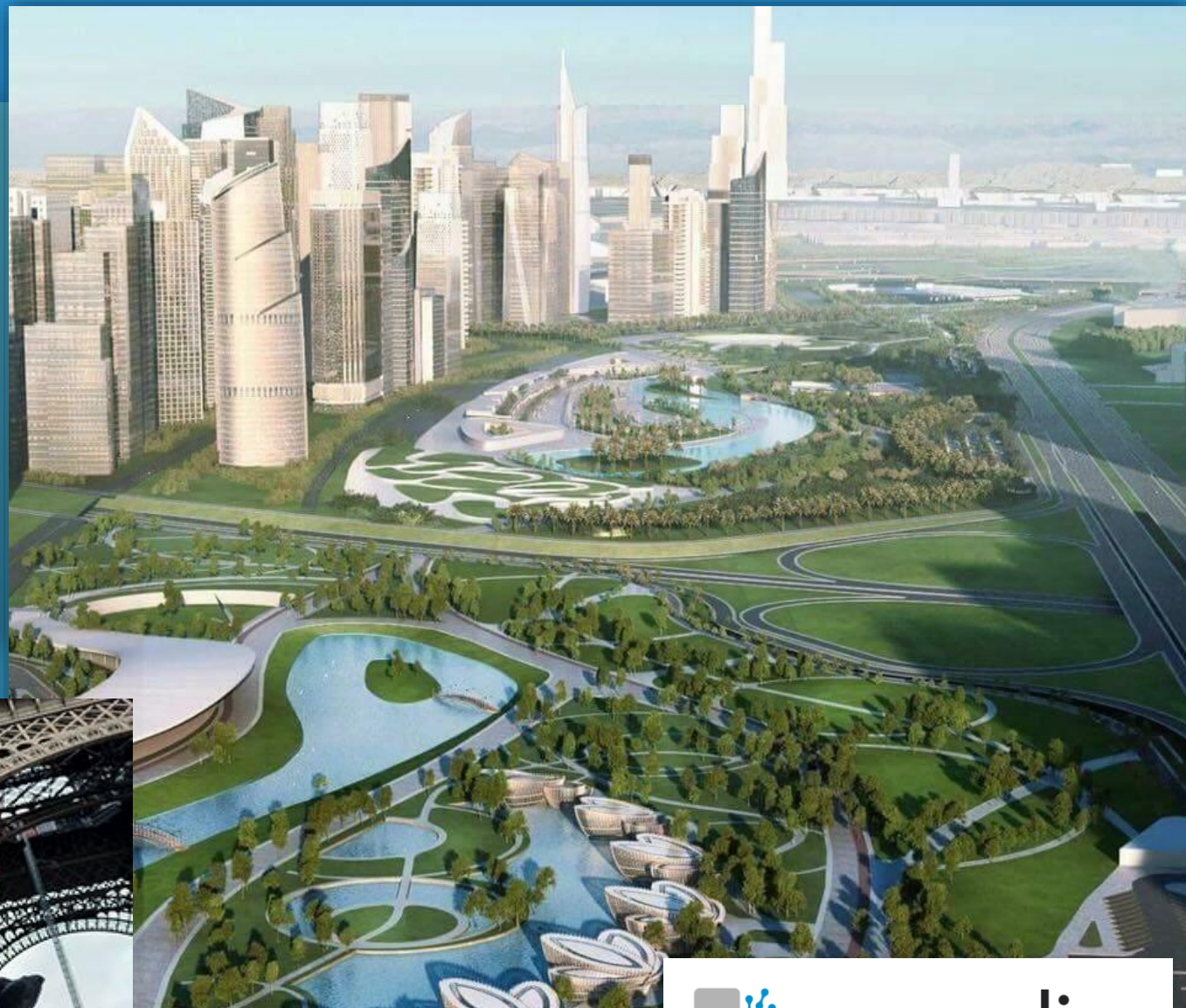


- RestTemplate
- Bonus (Feign client)

What database will we use, and what to save?

- H2 database
- We only save movie details
- We check out system DB for movie details and if it doesn't exist we look for it in the movie DB API.
- Any movie details we get from the external system API we save in our database.





Qs & As
THANK YOU

