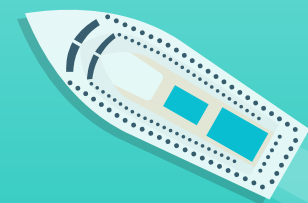




Triplan

Create, Manage and Share your Trip with Friends!



Functionalities

Create a Trip

Share your Trip
with your friends
and manage it
together



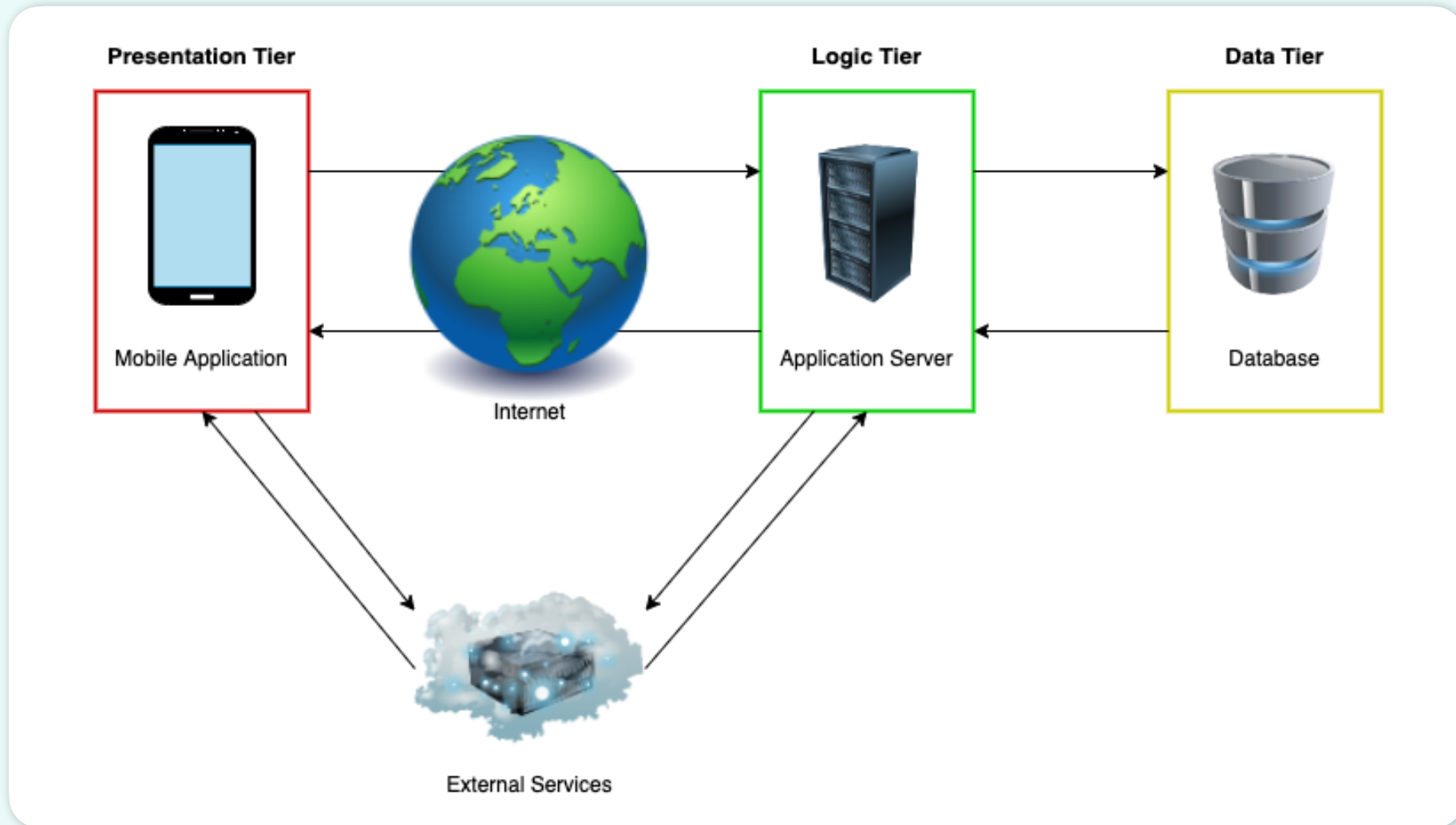
Manage trip
account and
expenses

Add important
places to a
interactive map

Keep your Trip
notes together

Manage personal
list of travel items

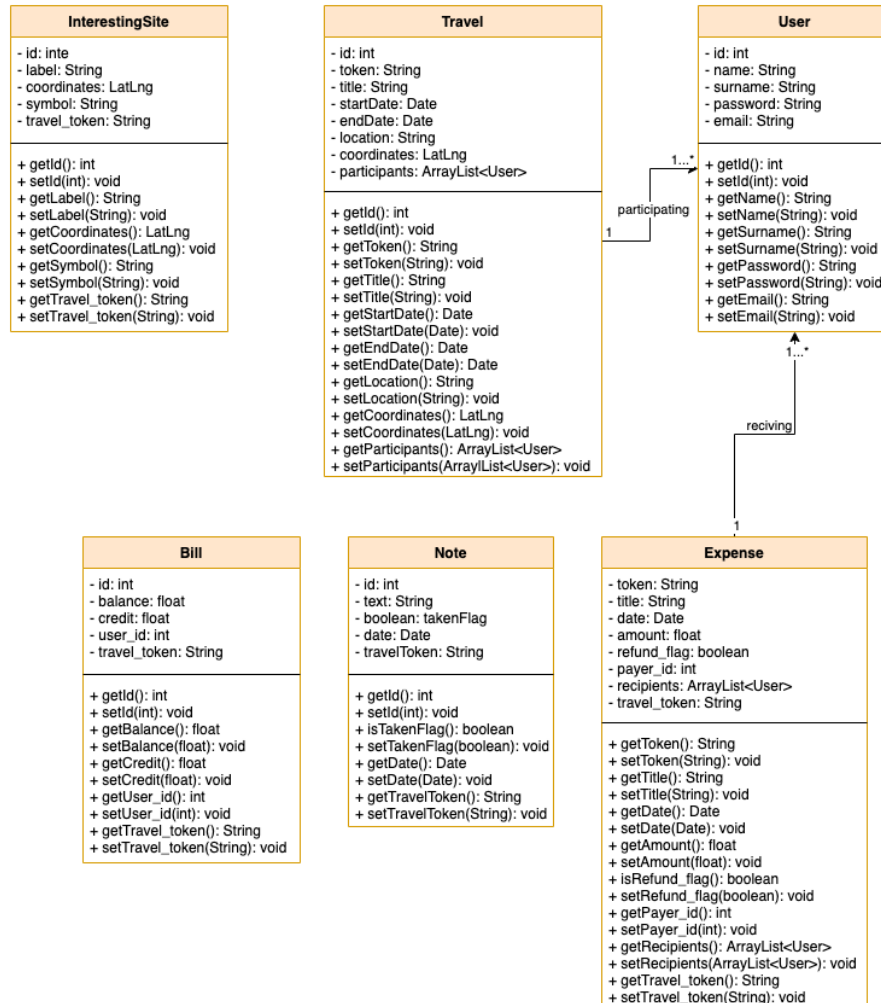
Architectural Design



SERVER SIDE



Application Server & Triplan API



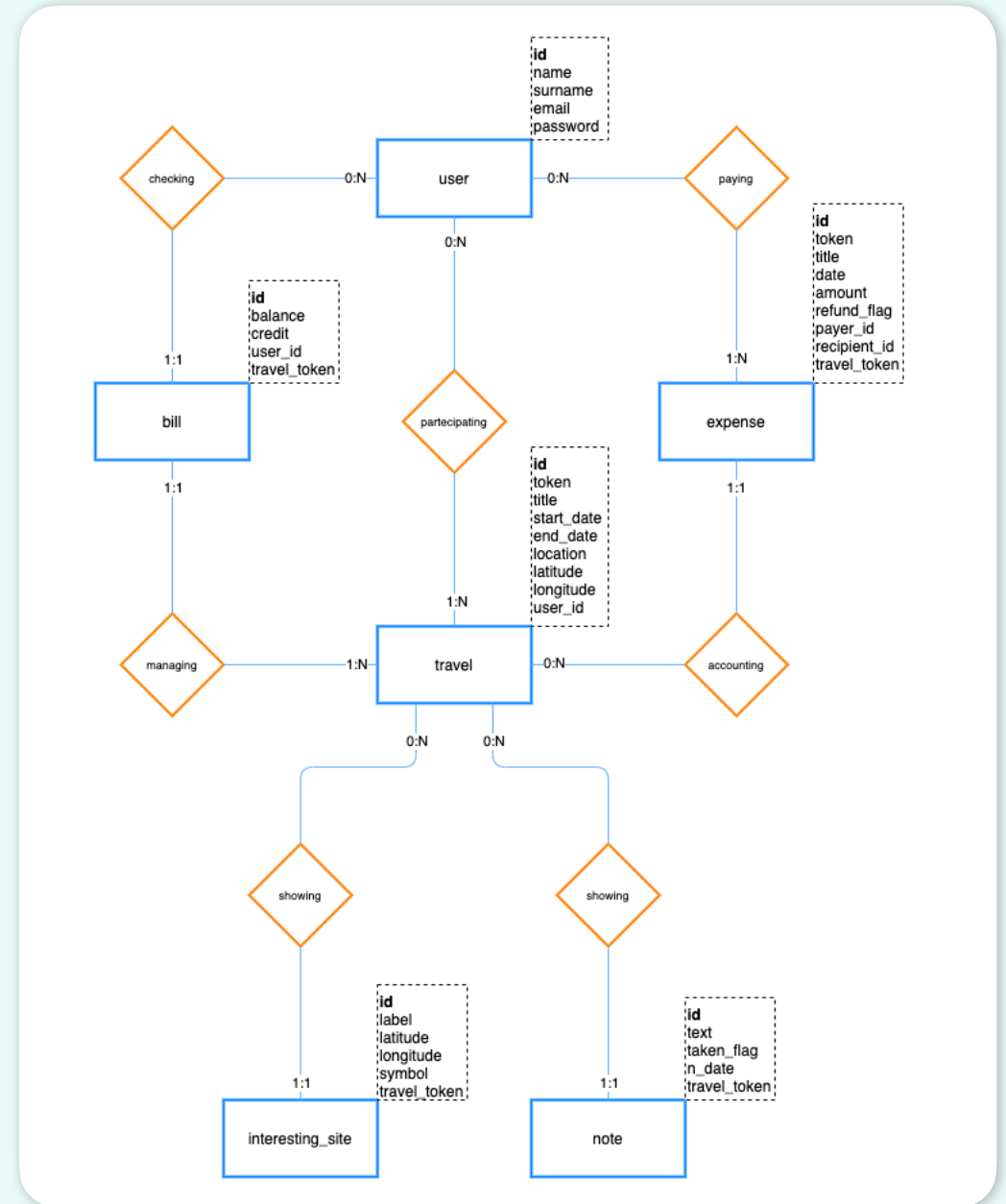
- Implemented with Java Servlet
- Deployed on Heroku (https communication)
- Implemented Triplan API to manage server-client interactions

Database

■ PostgreSQL

■ Online:

- Manage the interactions among different users in the same travel
- The user can always recover all his data regardless of the device he uses

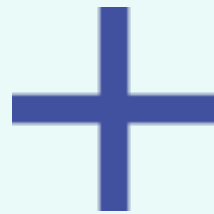


CLIENT SIDE



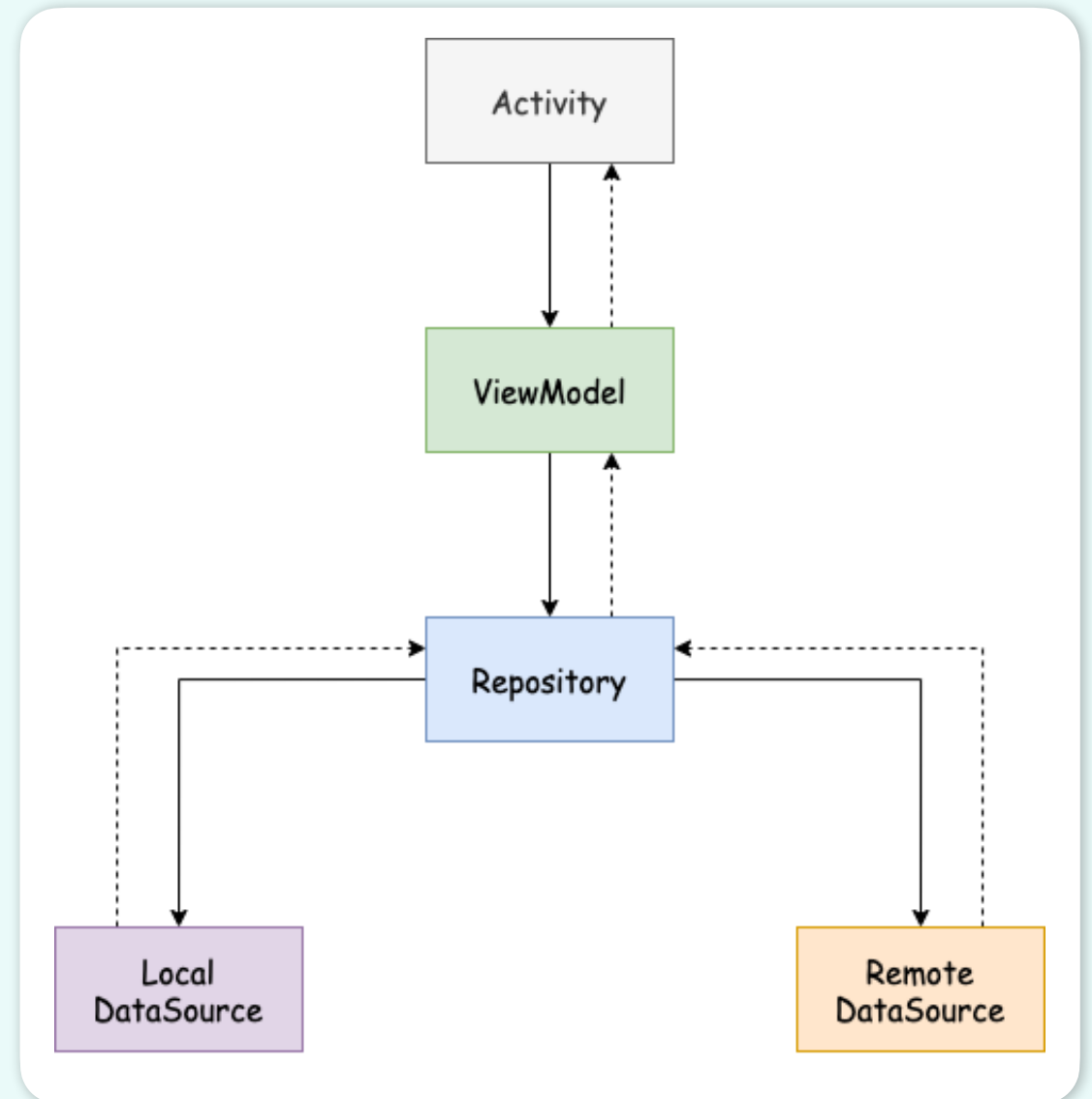


API 24+



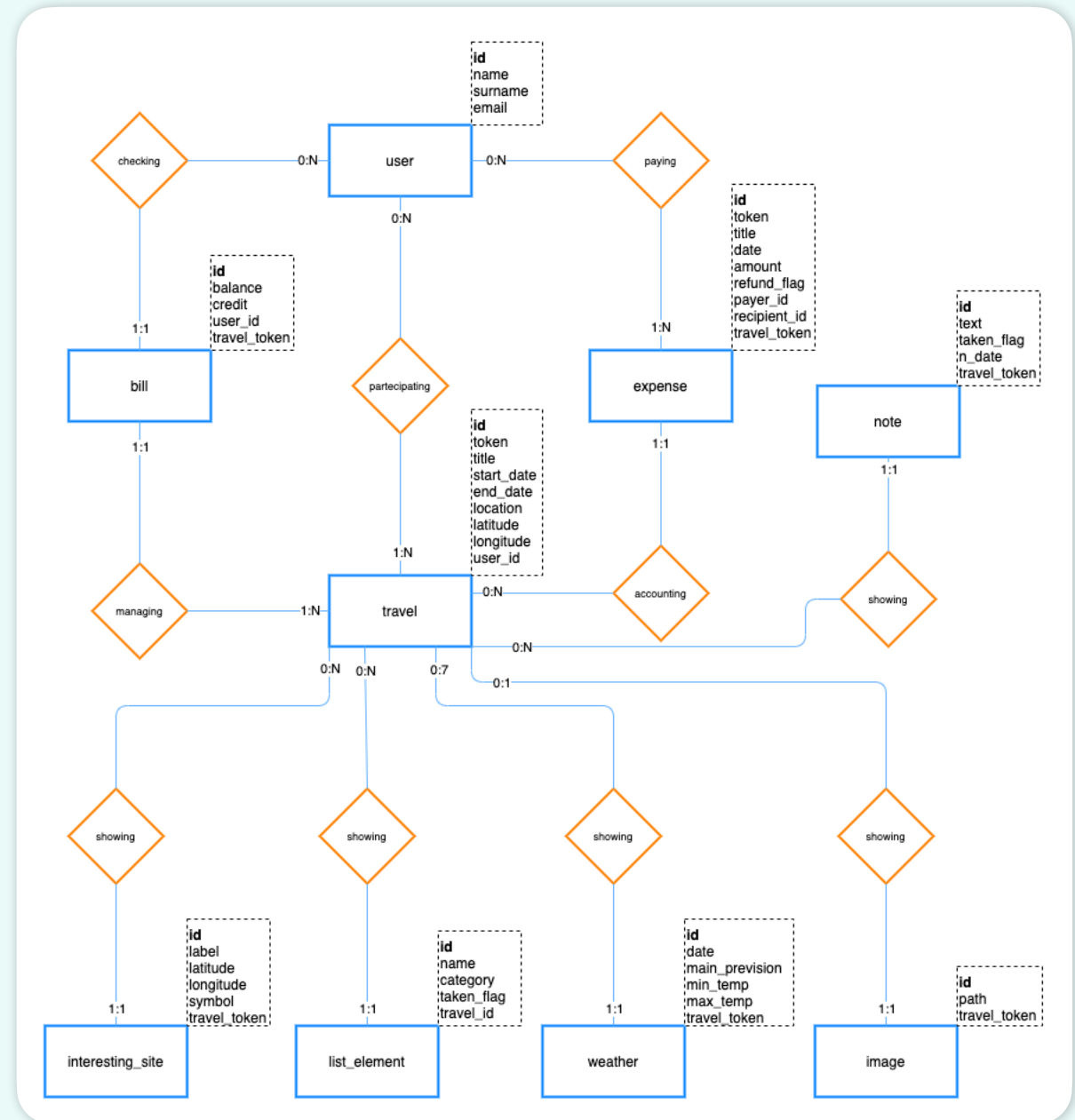
MVVM Pattern

- Notification events managed through LiveData
- The UI, observing the LiveData, can be immediately refreshed as soon as the data has changed
- The Repository fetches data from local or remote (unknown by the viewModel)



Local database

- SQLite
- Copy of online database + offline functionalities data



External API



Log in with Facebook



Sign in with Google



DEMO TIME!

