ViadeEn3B1

Pablo Cañal Suárez

01 PROJECT GOALS

02 ARCHITECTURE

03 TESTING

04 FUTURE

05 DEMO

GOALS

USABILITY

Material-UI

ACCESSIBILITY

Google Lighthouse

#302c58	#5c5585
#4effbb	#94e8b4
#f7f6fb	#ffffff

INTEROPERABILITY

JSON-LD

GPX

STRAVA

SCALABILITY

ADD NEW VIEWS

Thanks to React, this a trivial task.

Frontend

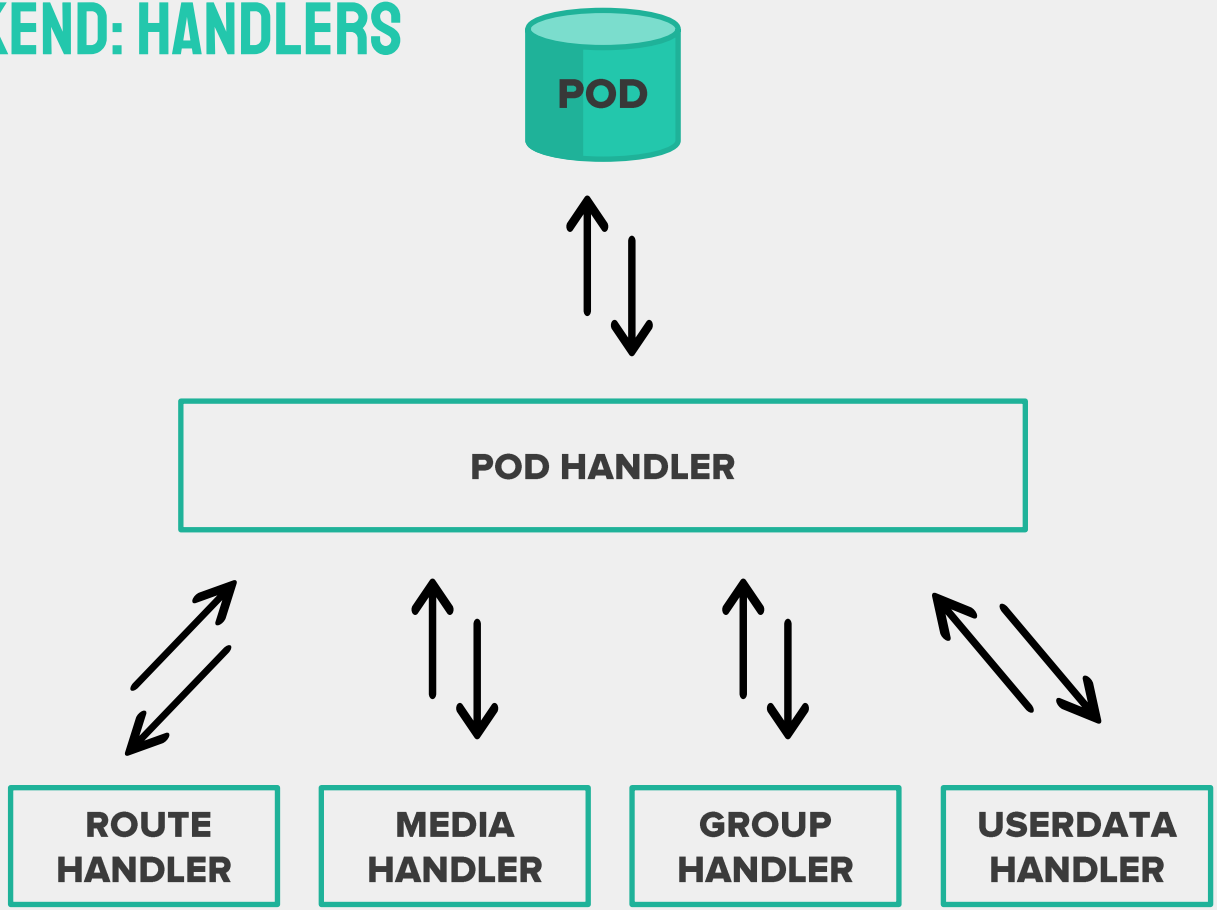
ADD NEW GEOSPATIAL FORMATS

Support for standards like GeoJSON or KML in a very simple way.

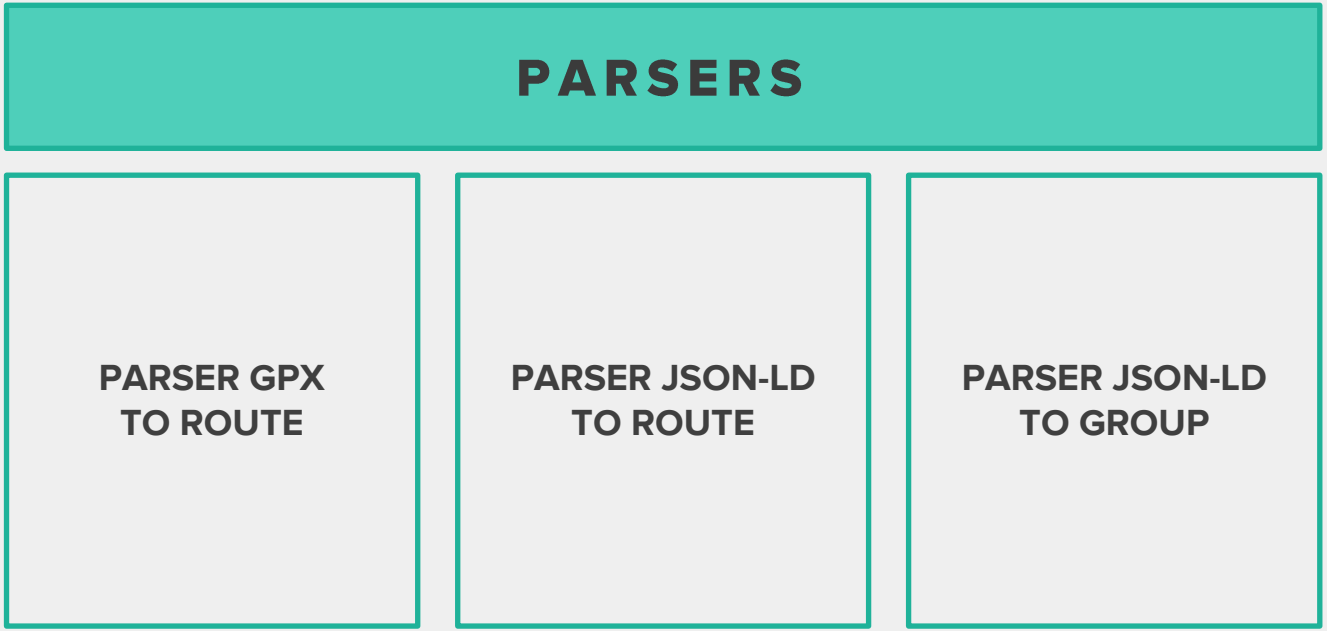
Backend

ARCHITECTURE

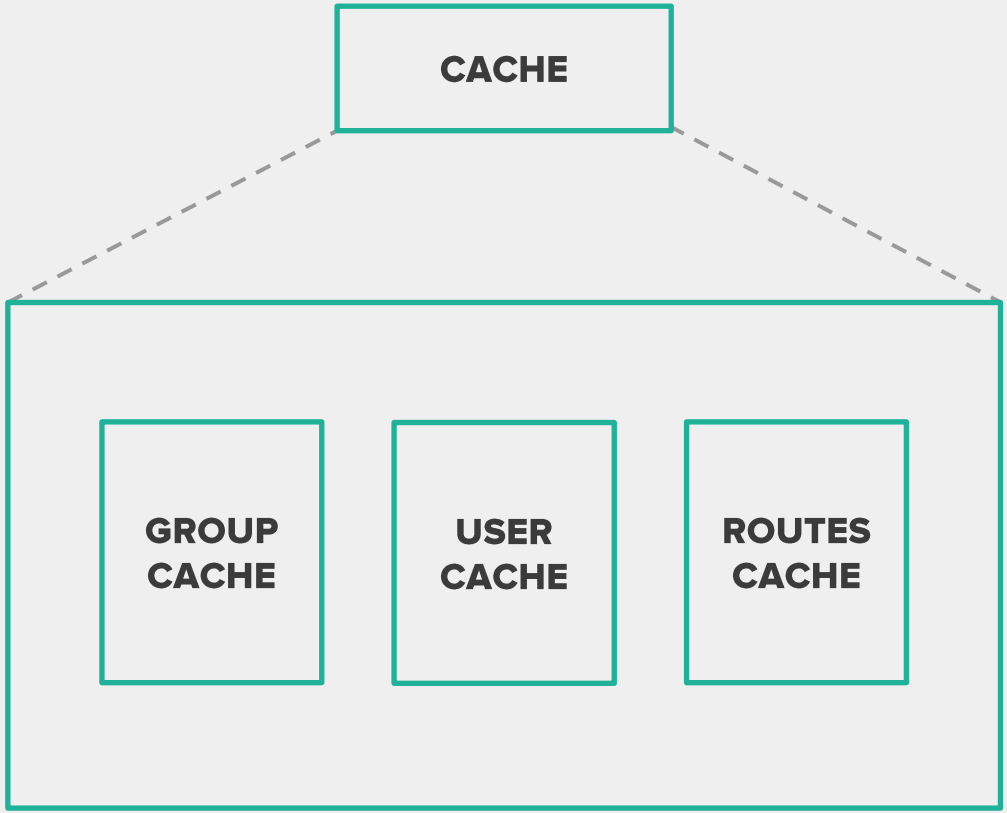
BACKEND: HANDLERS



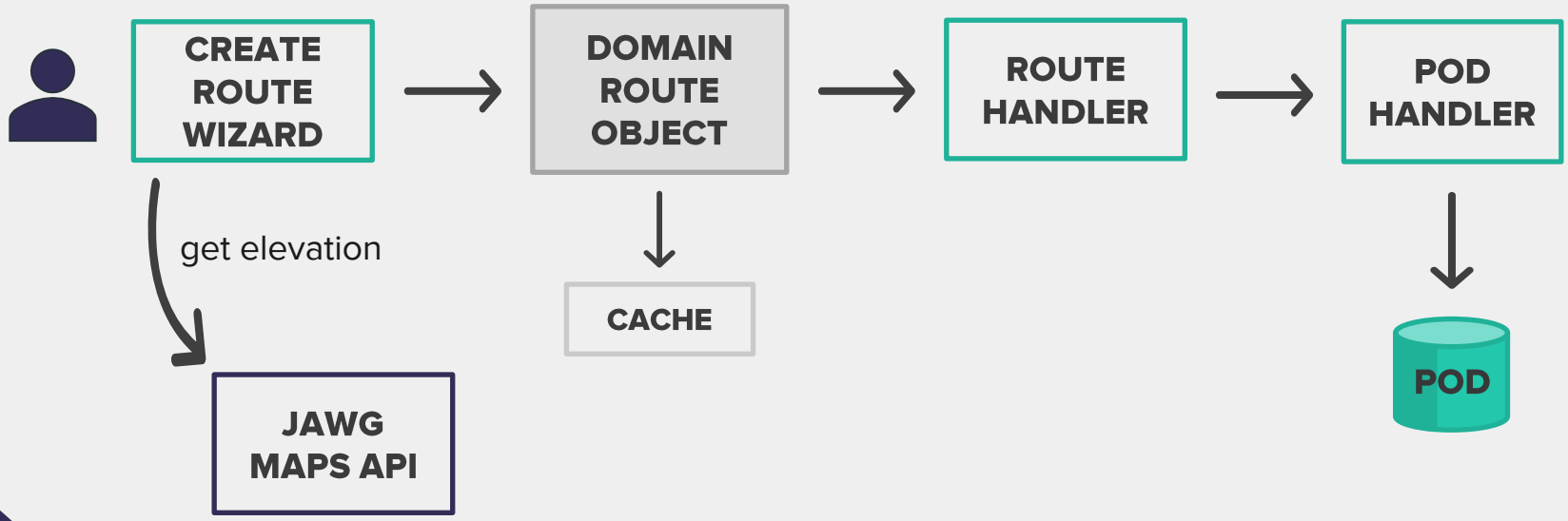
BACKEND: PARSERS



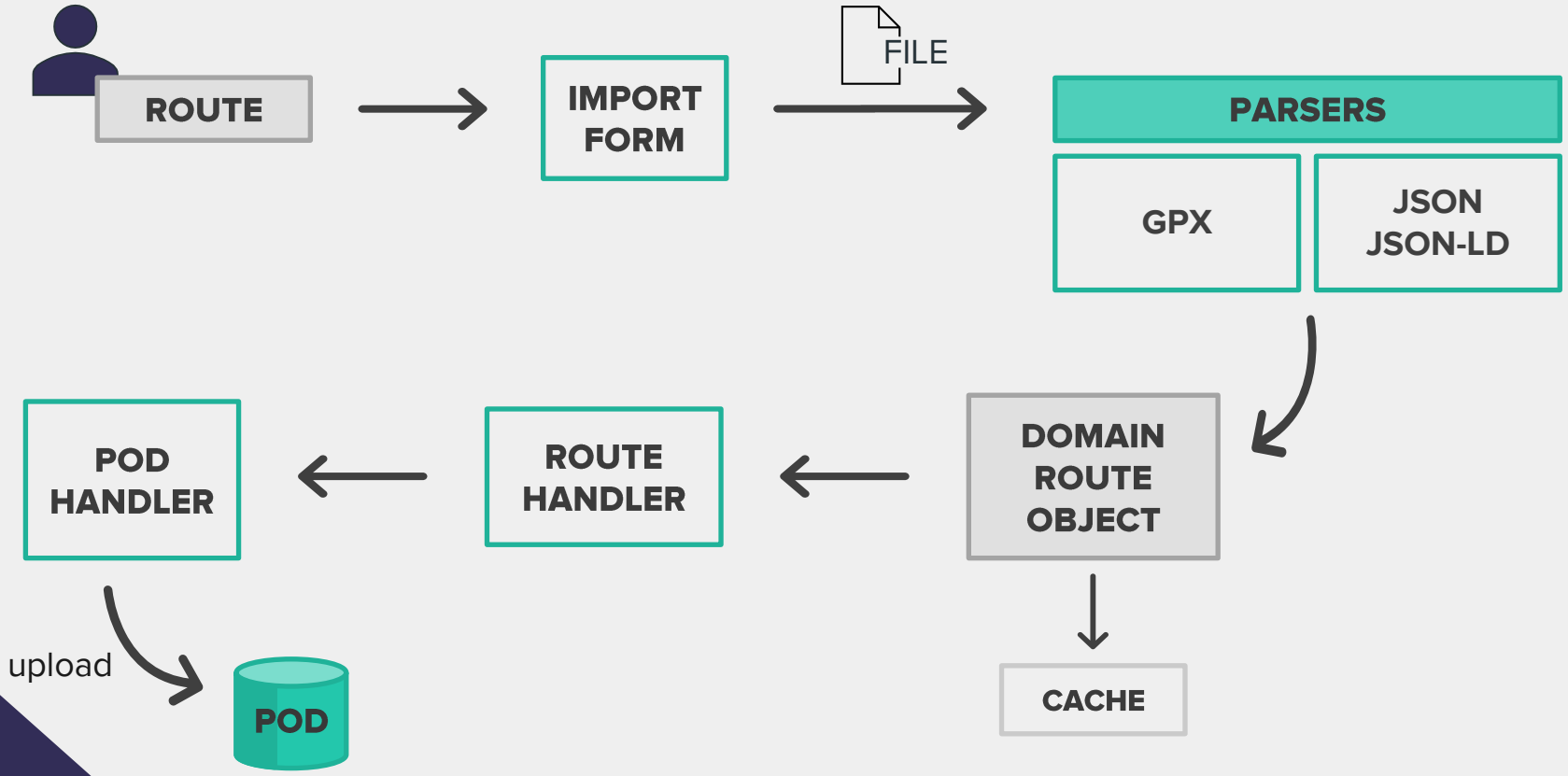
BACKEND : CACHE



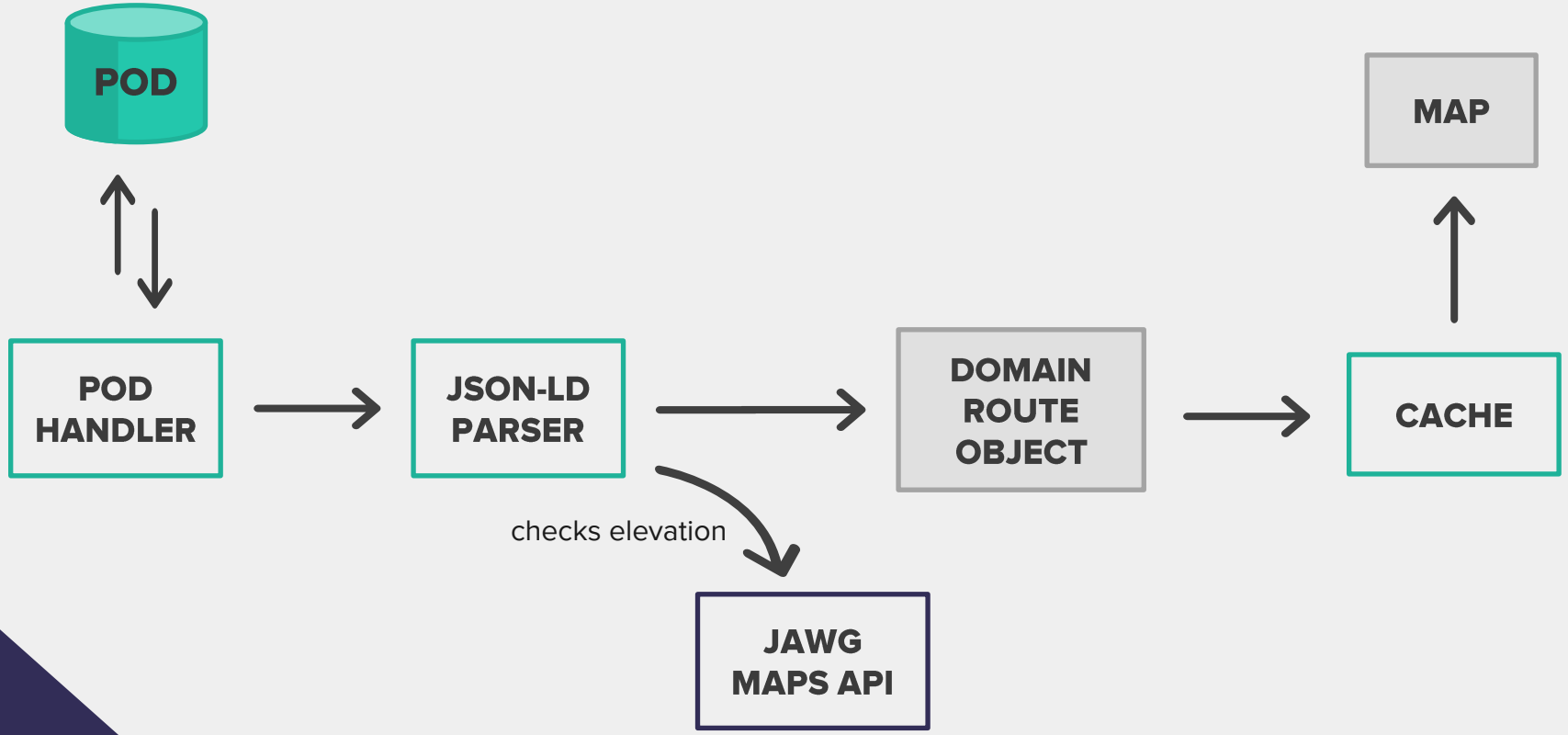
MAIN FUNCTIONALITY: CREATE ROUTE



MAIN FUNCTIONALITY: IMPORT ROUTE



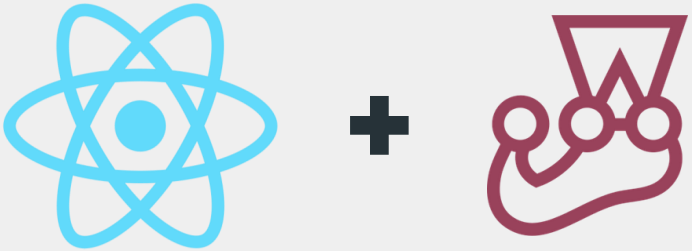
MAIN FUNCTIONALITY: LIST ROUTES



TESTING

TESTING

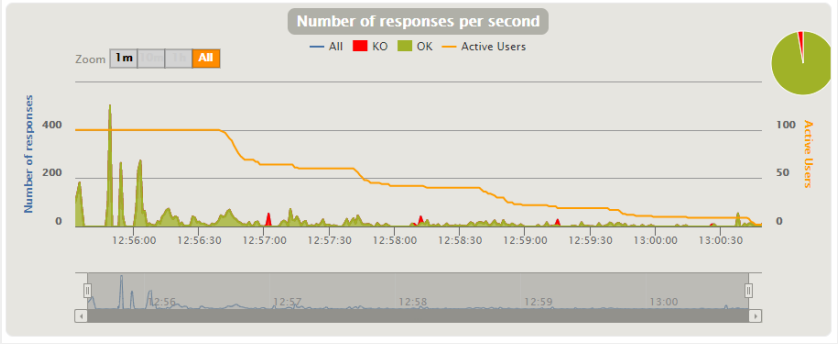
React Testing



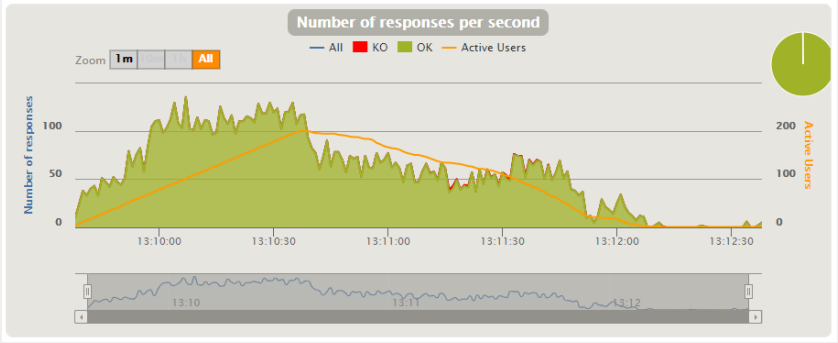
End-To-End Testing

LOAD TESTS

Simultaneous: 100 users



Ramp-up: 200 users



FUTURE

FUTURE

MOBILE VERSION

Despite having an adaptable and responsive UI, a version with more specific features should be developed.

RECORD & SHARE ROUTE

Right now a route can be created manually. But you don't want to complete a form while running, do you?

COVID SHIELD

Too many ideas... Too little time.

DEMO

THANKS

Does anyone have any questions?

GitHub: PabloCanalSuarez

CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**.