



INTRODUCTION

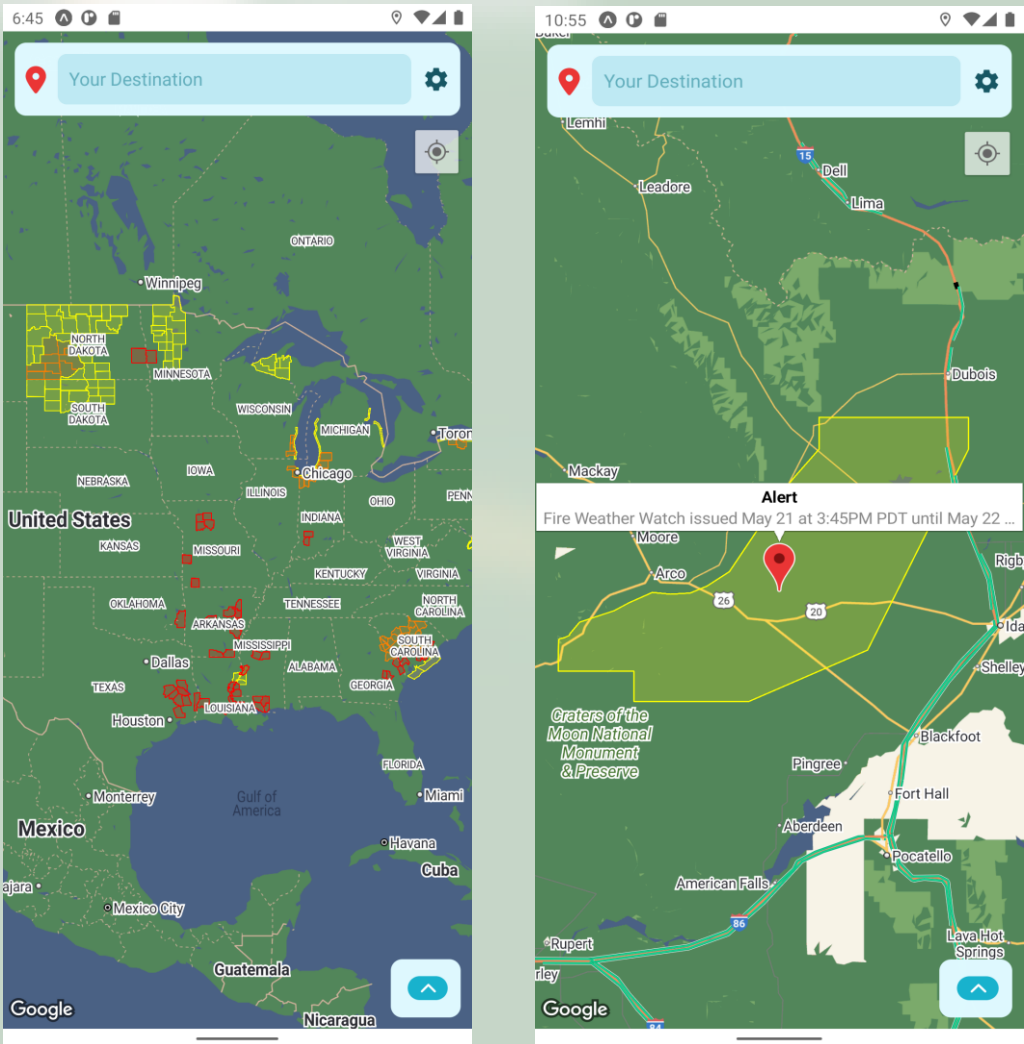
This is a mobile app for long-distance commuters that helps them plan safer trips by offering the ability to create routes that navigate around upcoming weather alerts.

Users are notified if they're approaching an alert area and can view them on the map, helping them to make more informed decisions for their trips.

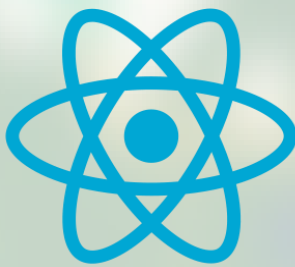


ALERT DISPLAY

- Stay up-to-date by viewing weather alerts issued by the NWS
- View the alert boundaries on the map
- Press on an alert on the map to learn more about it

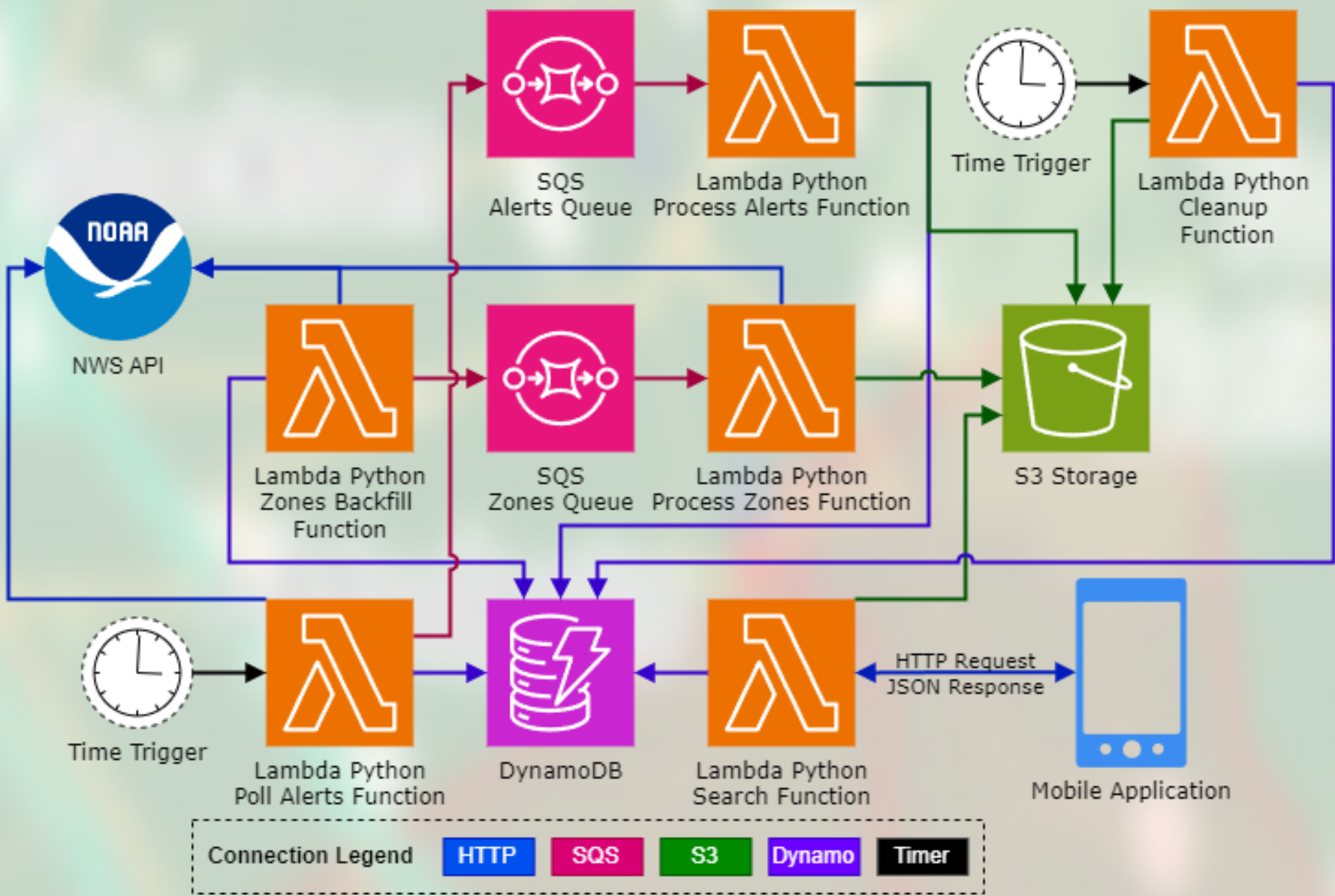


TECH STACK



BACKEND ARCHITECTURE

Built with Amazon Web Services (AWS) to pre-process weather alerts from the National Weather Service (NWS) into the needed data model and to search for alerts along a given route.



REROUTING

Automatically detect when a route intersects an alert area. Update the route with a detour around the alert area for a safer trip.

