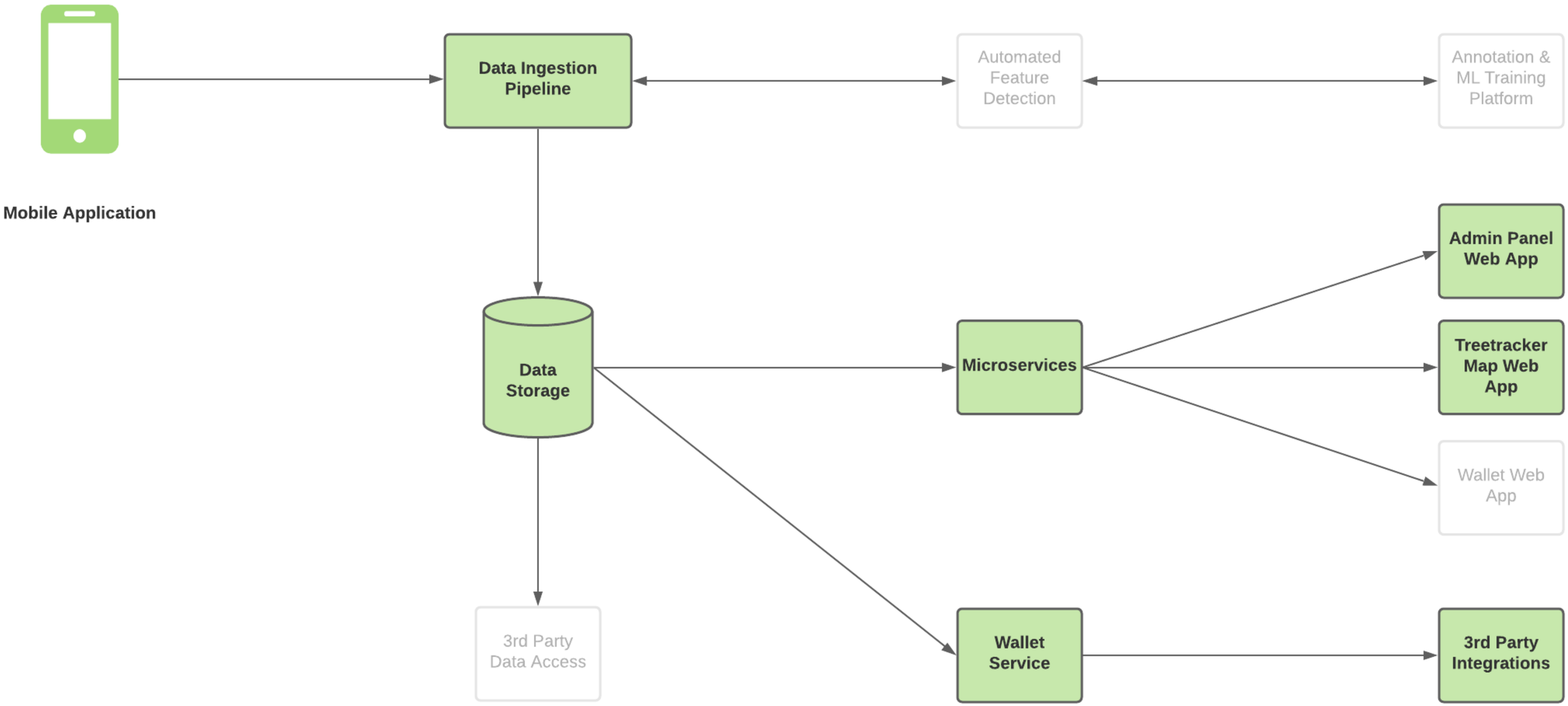
Treetracker Platform
Current Technical Capabilities

Greenstand, April 2021

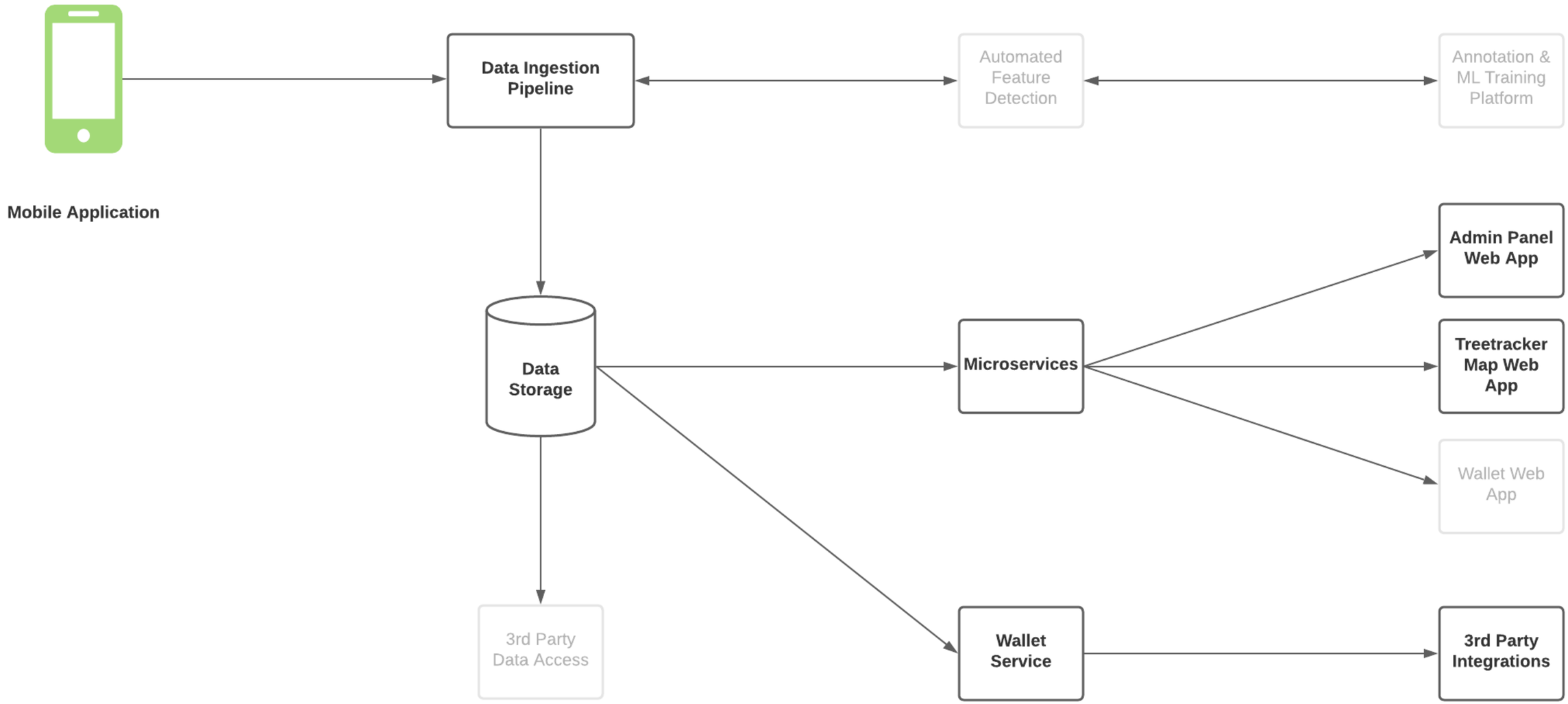
System Overview

Current Technical Capabilities



Android Application

Collecting Data in the Field



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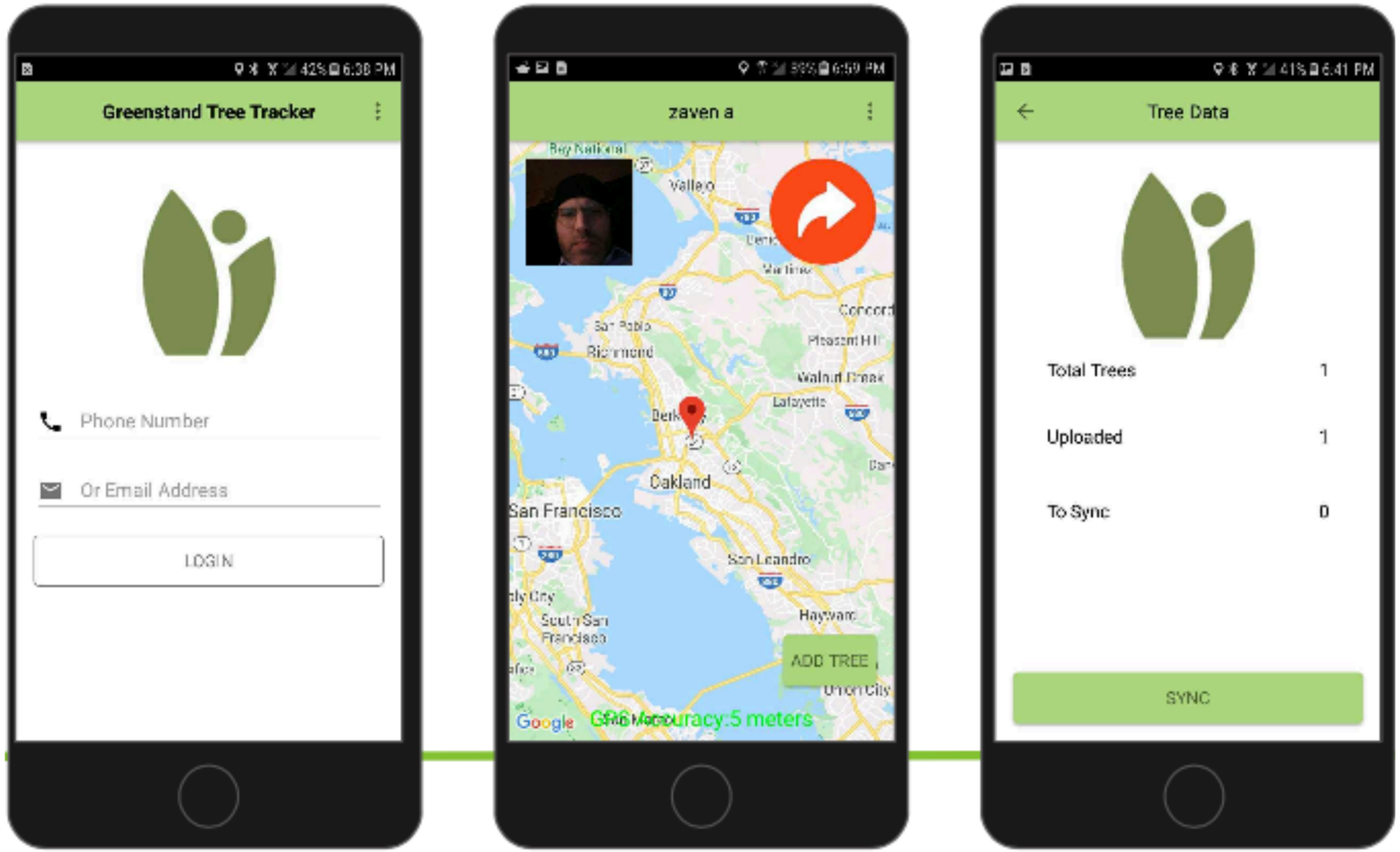
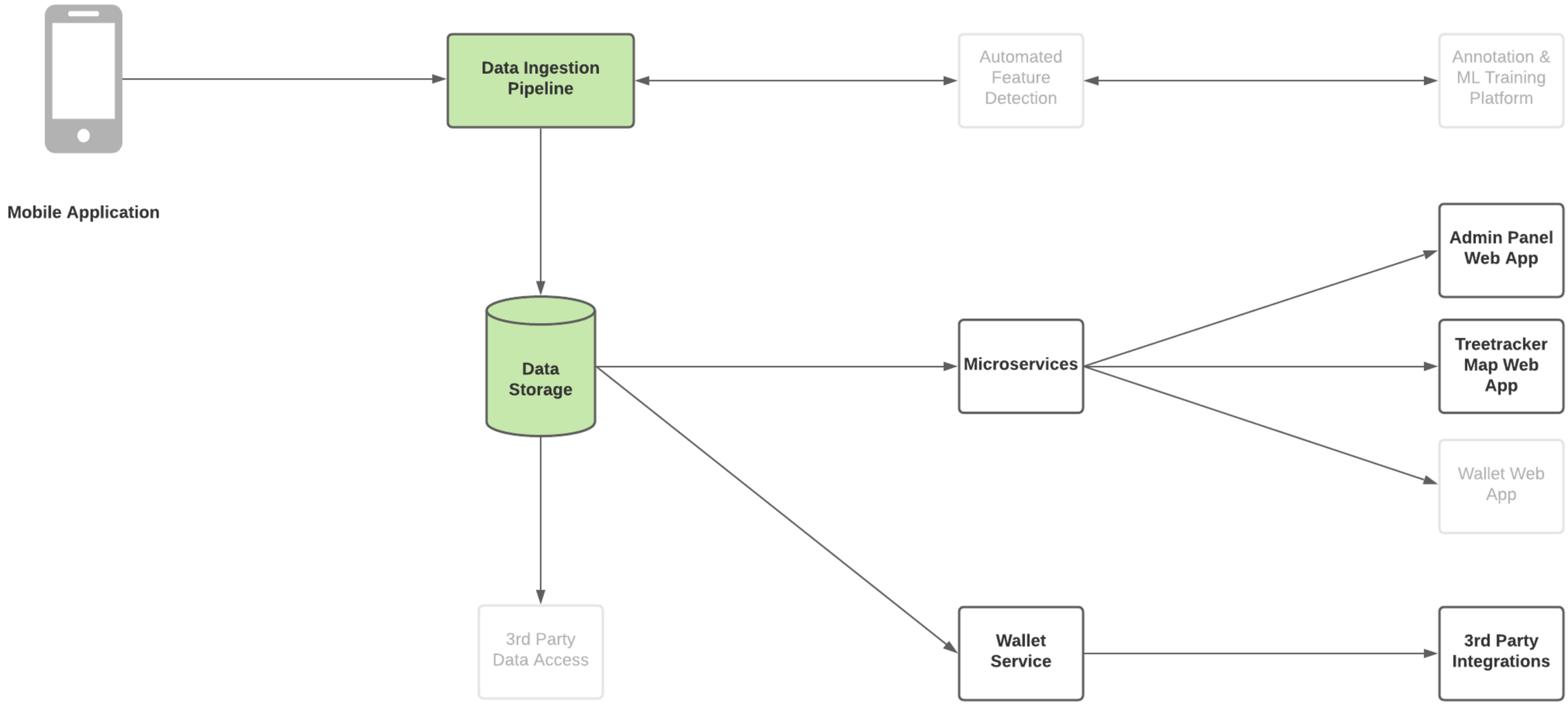


Data Ingestion Pipeline

Moving Data from the Field to the Cloud



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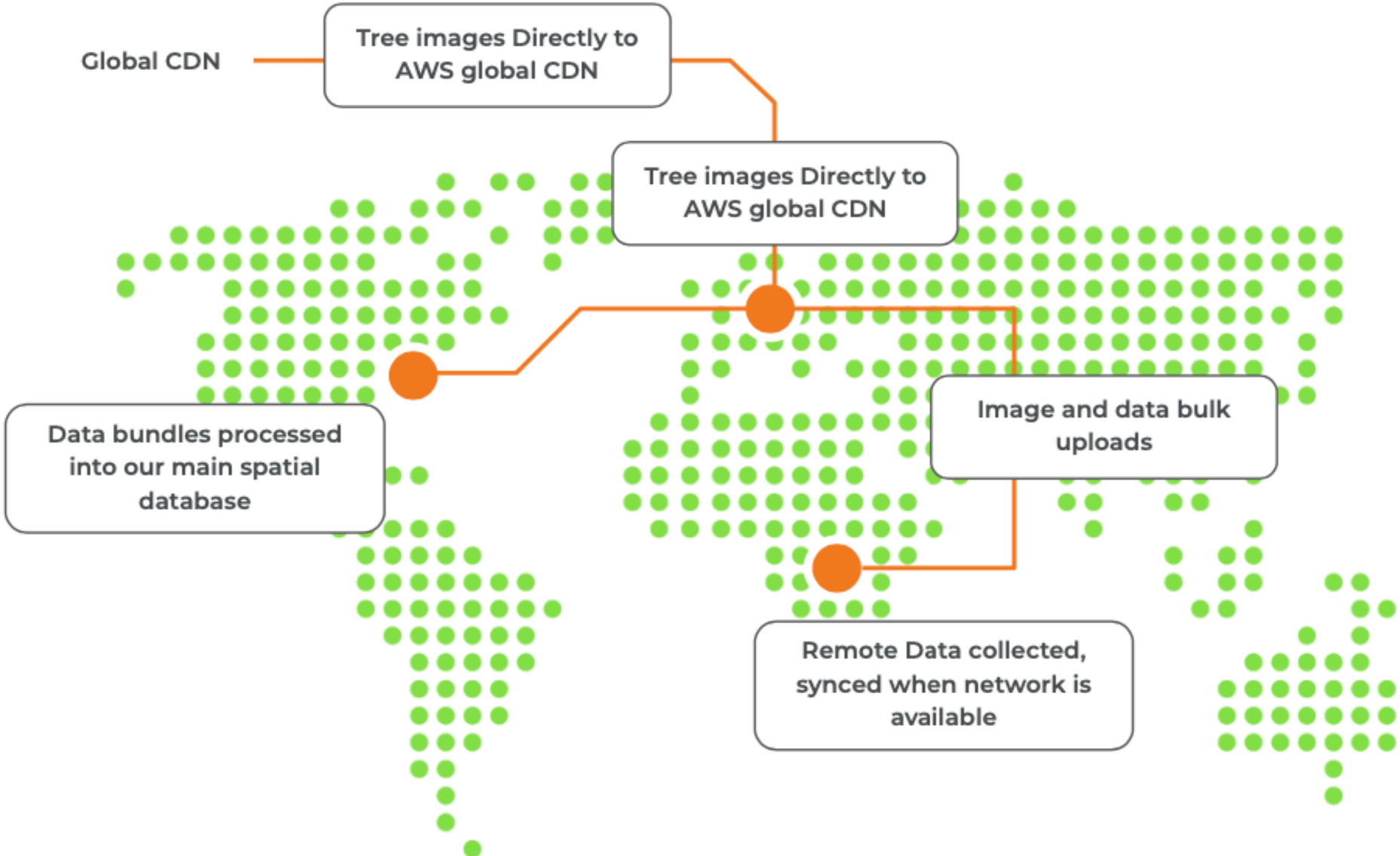
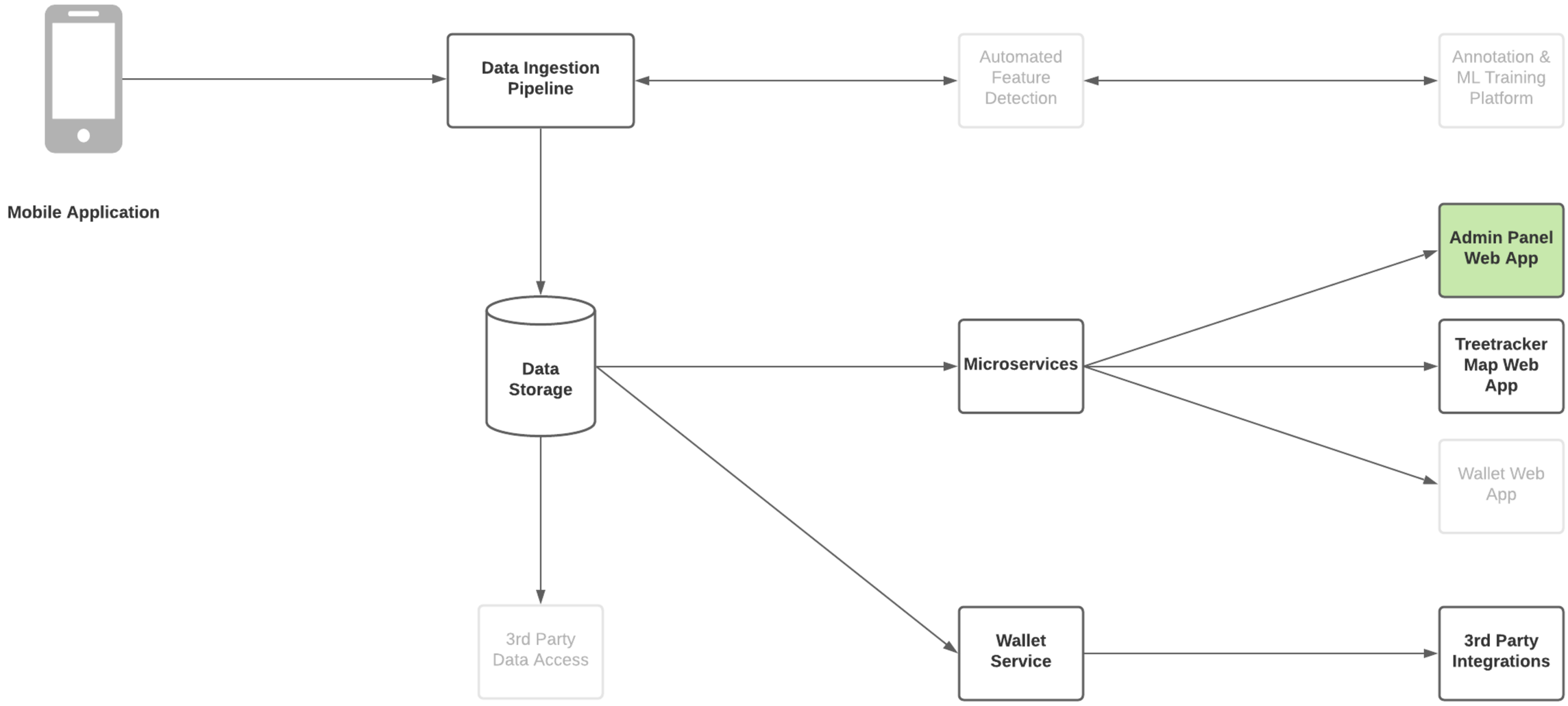


Admin Panel

Review, Verify, and Categorize Data



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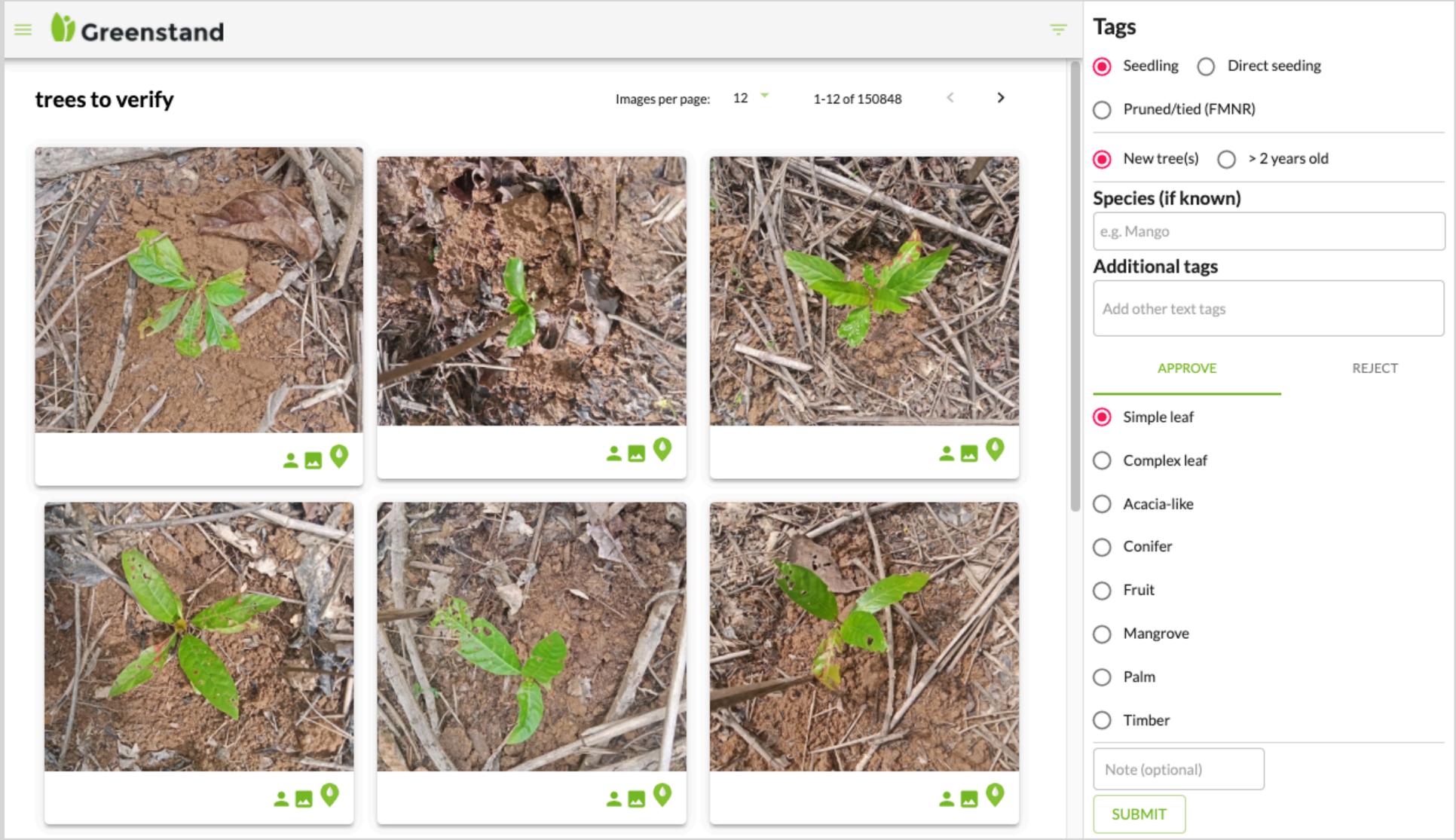
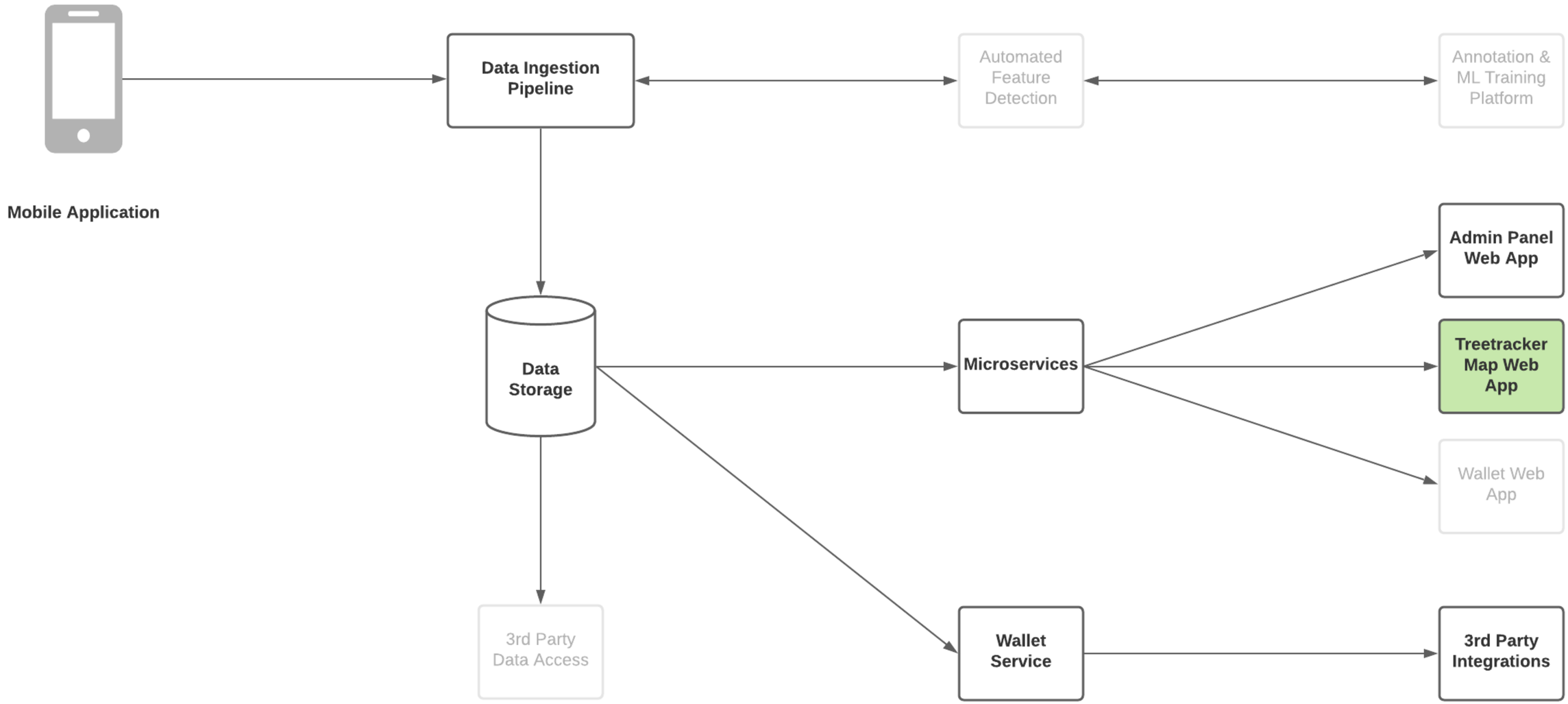


Web Map

Public Presentation of Filtered, Spatial Data



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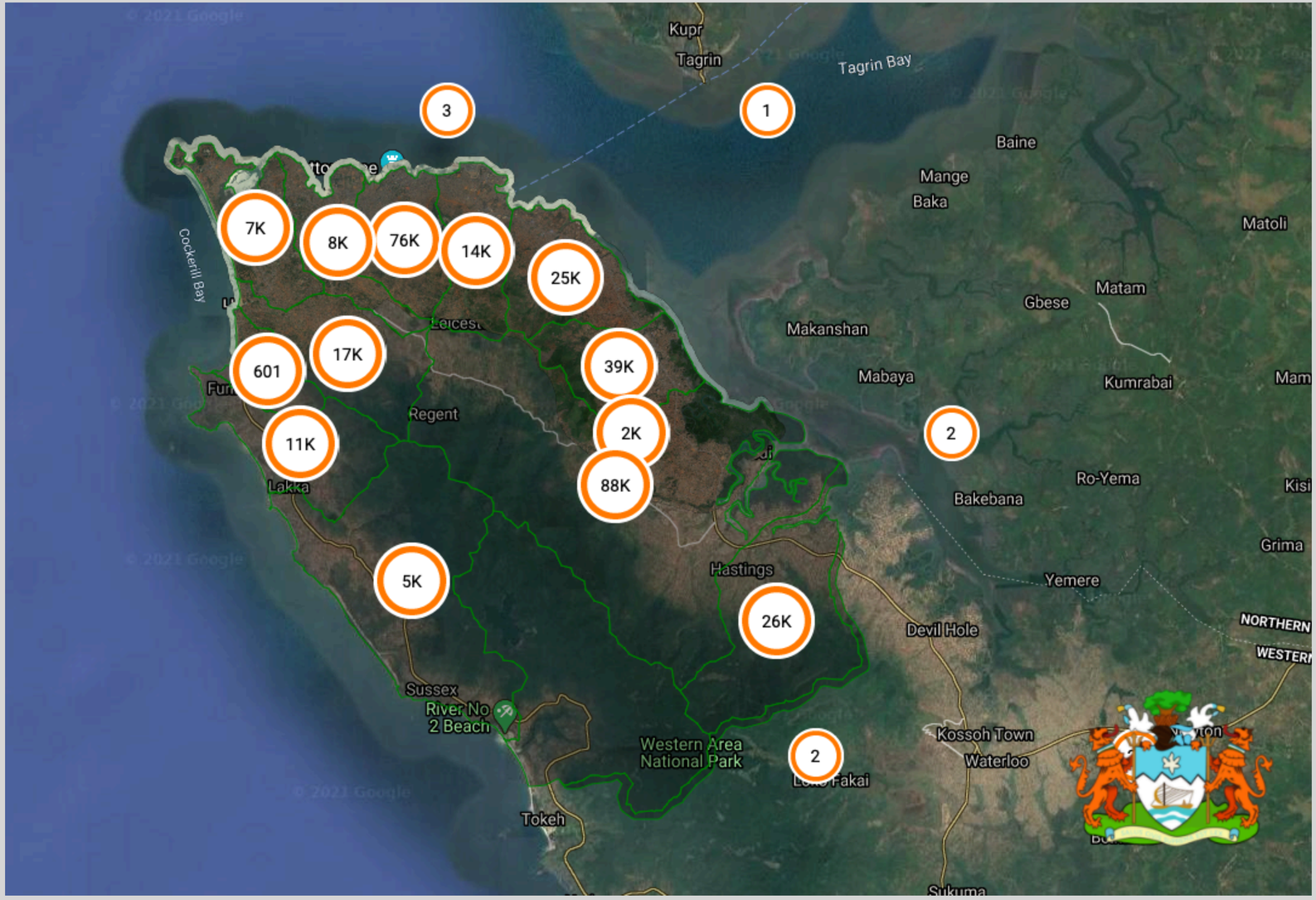
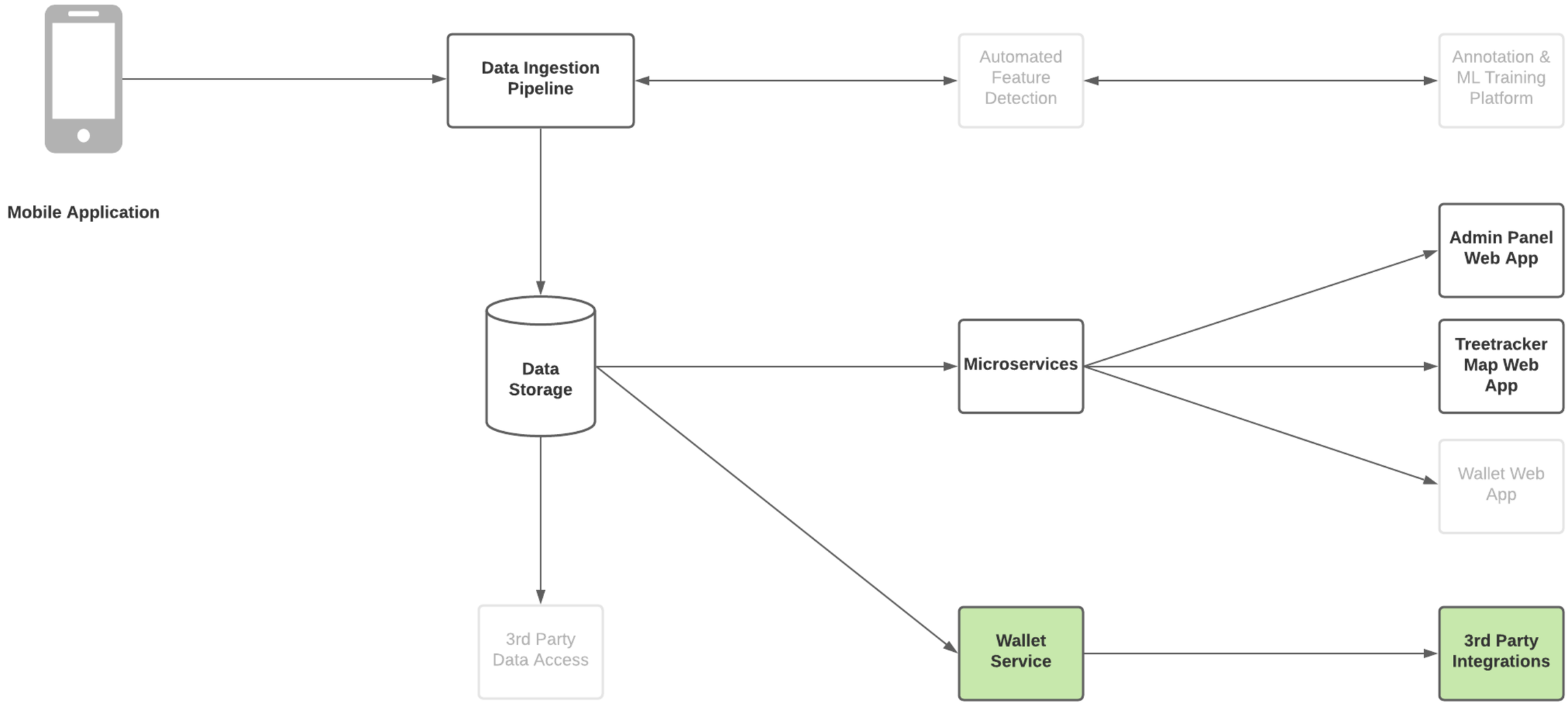


Wallet Service

Assign and Transfer Impact Claims



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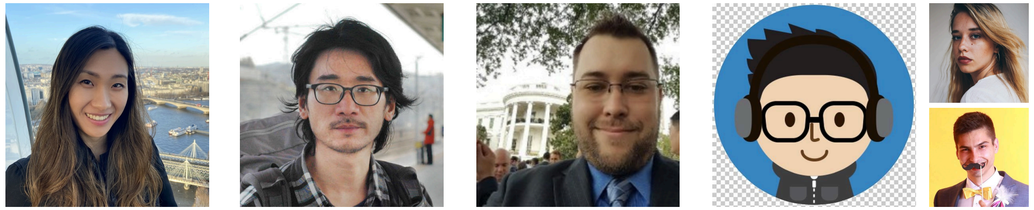
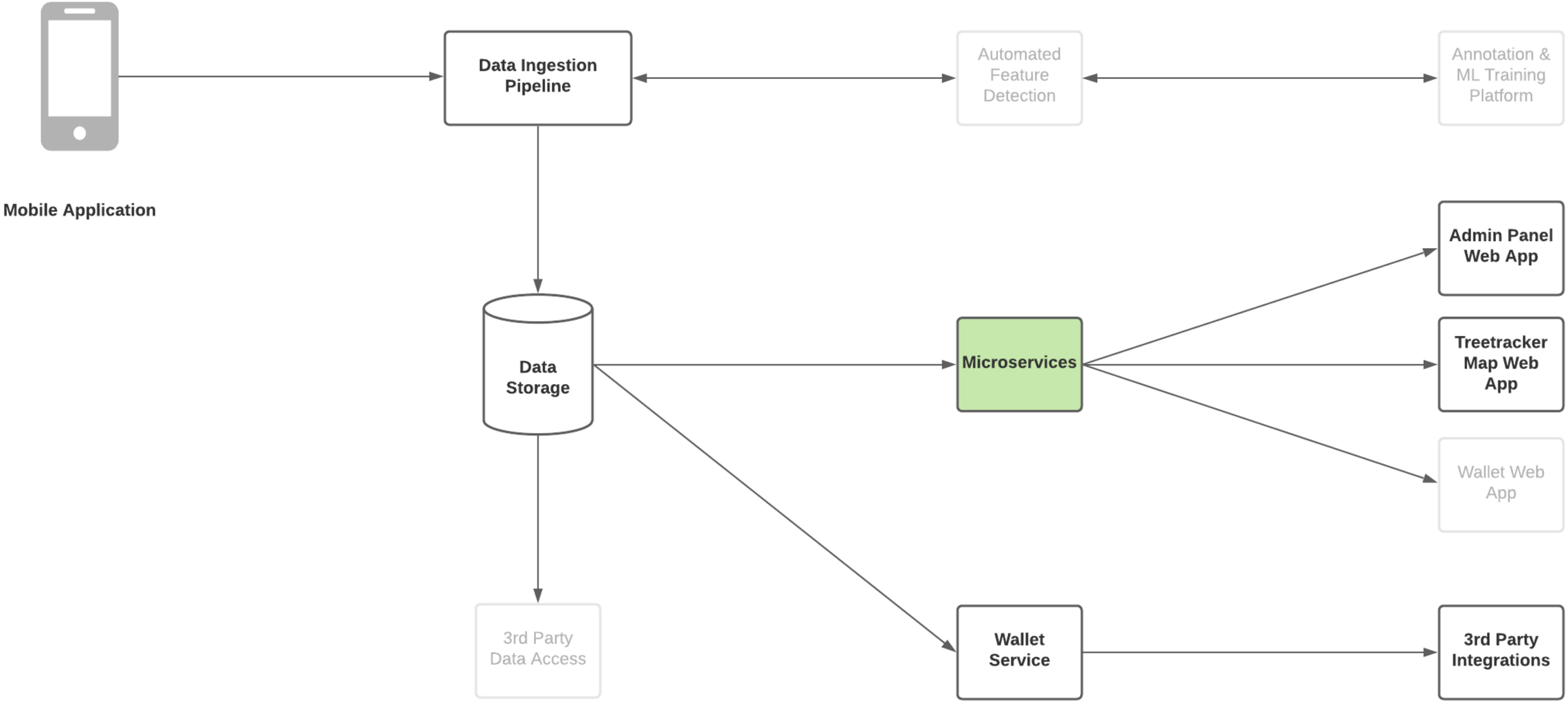


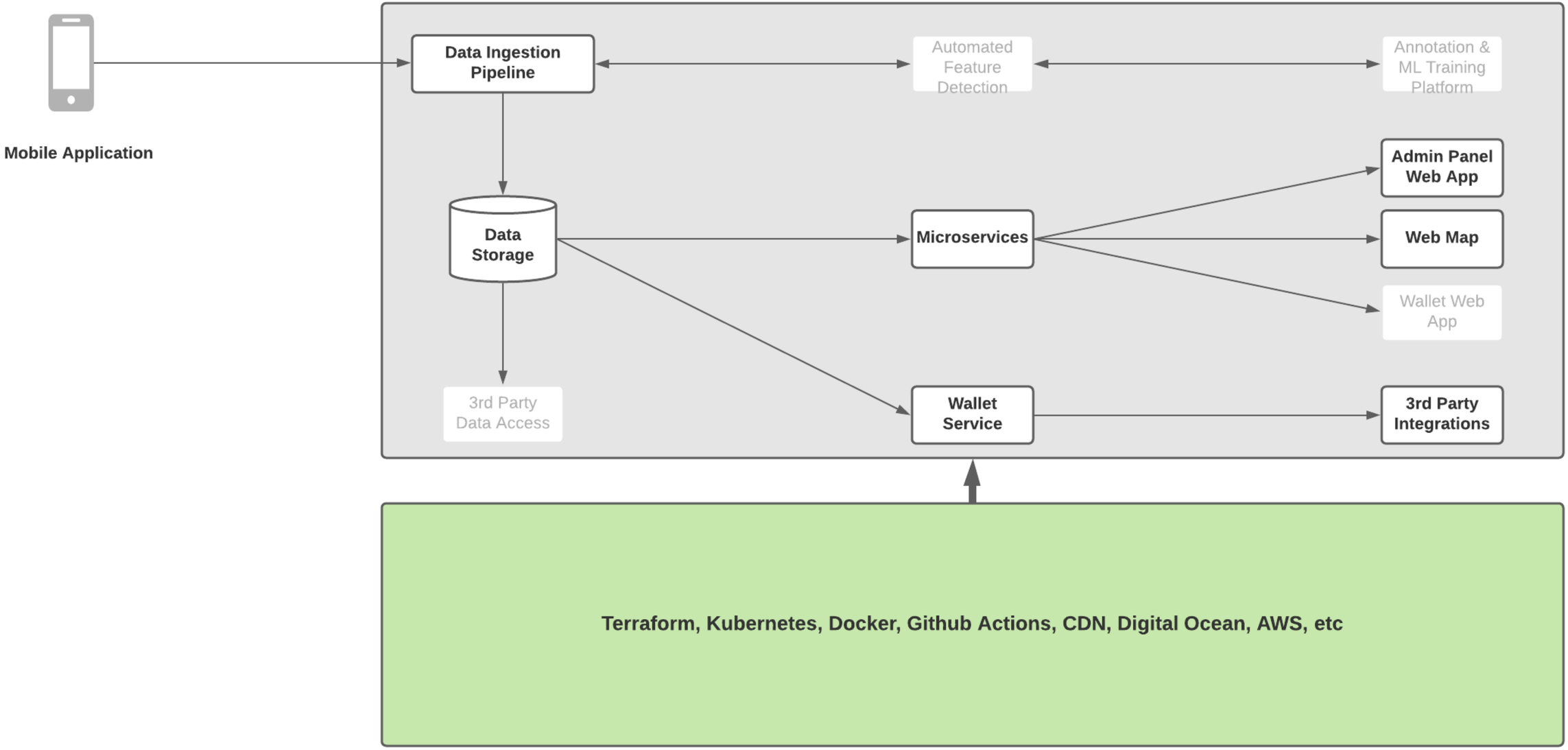
Microservices Teams

Functional Services Used By Our Applications



Application Platform

Infrastructure, Cluster Services, DevOps



Other Capabilities

- Digital Herbarium
- Image Annotation for Machine Learning
- Custom Web GIS Features
- Raster Tile Server