**Architectural Overview for Proof of Concept**
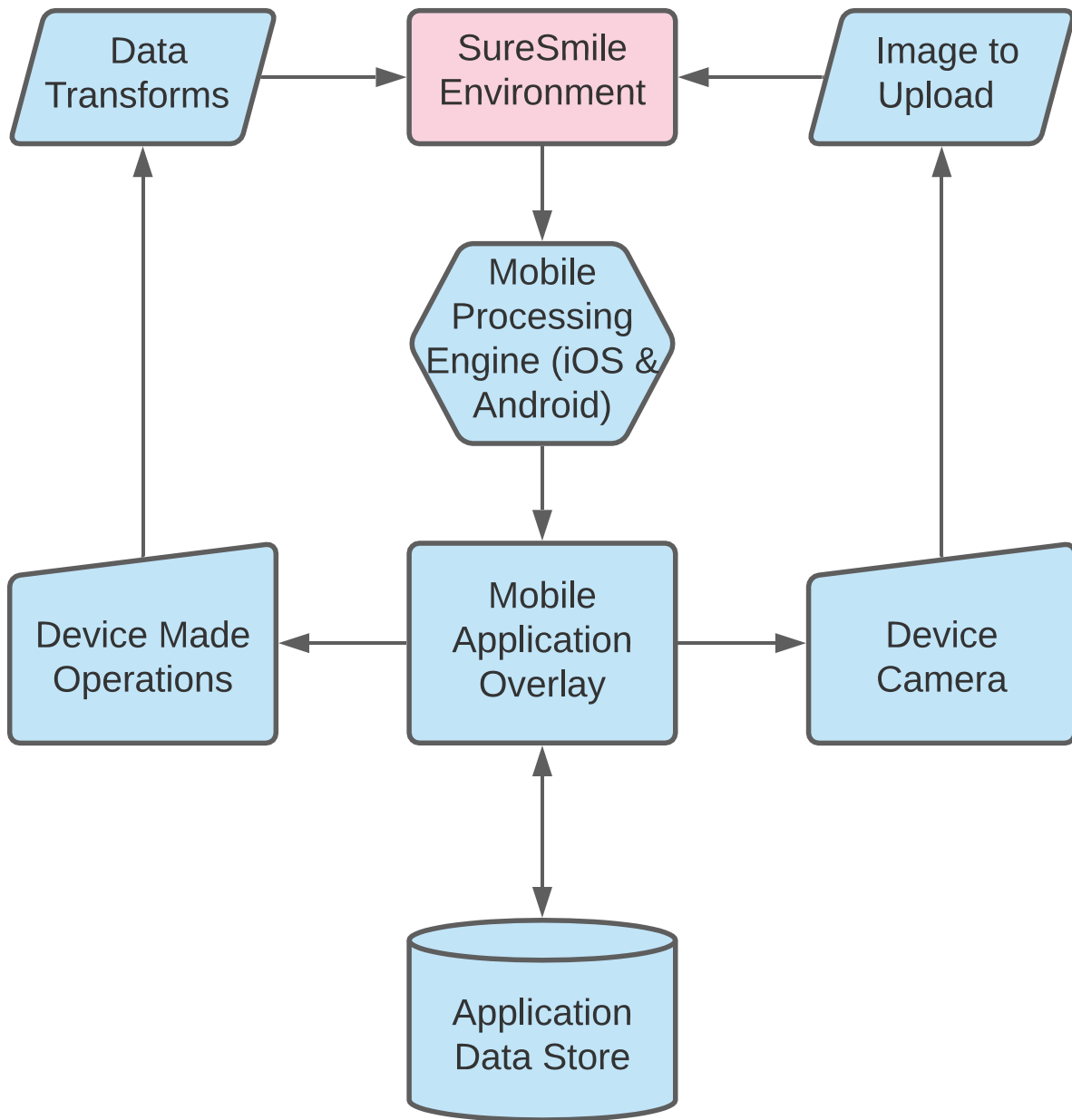


Application Language: React Native; use case is predicated on the ease of craft in a uniform language that serves both iOS and Android environments, as well as tablets.

Application Data Store: MongoDB; use case is predicated on the fluid nature of document-based data formats, also allows for exploratory structuring of data in meaningful ways as the application grows and evolves.

Application Data Transmission: GraphQL; use case is predicated on being the most performant medium of communication versus REST or SOAP.

**Technical Overview**

The core premise of the application will serve as an overlay with the solution environment, performing visualization scrapes of the traditional desktop experience and rendering in a mobile friendly format via application. The mobile application will fulfill data transform requests with simple HTTP fetch and post requests. The application will interface

with the device hardware for image capture, and follow the subsequent protocols for image delivery, or image hosting. Application will store pertinent user information based on iOS & Android identity within data store for ease loading and a better user experience that doesn't require a doctor to sign in so often that it is inconvenient to use.