



Roatán, Honduras

**Project summary.** Despite a national routine immunization program in Honduras, many children in Roatán remain susceptible to vaccine-preventable diseases due to delays in, lack of access to, or refusal to accept vaccinations. The current Honduran vaccination record system is entirely paper-based, preventing rapid identification of and outreach to under-immunized or unimmunized children. Our project aims to streamline the process of recording immunization data, thus enabling clinics to focus more time on vaccination delivery.

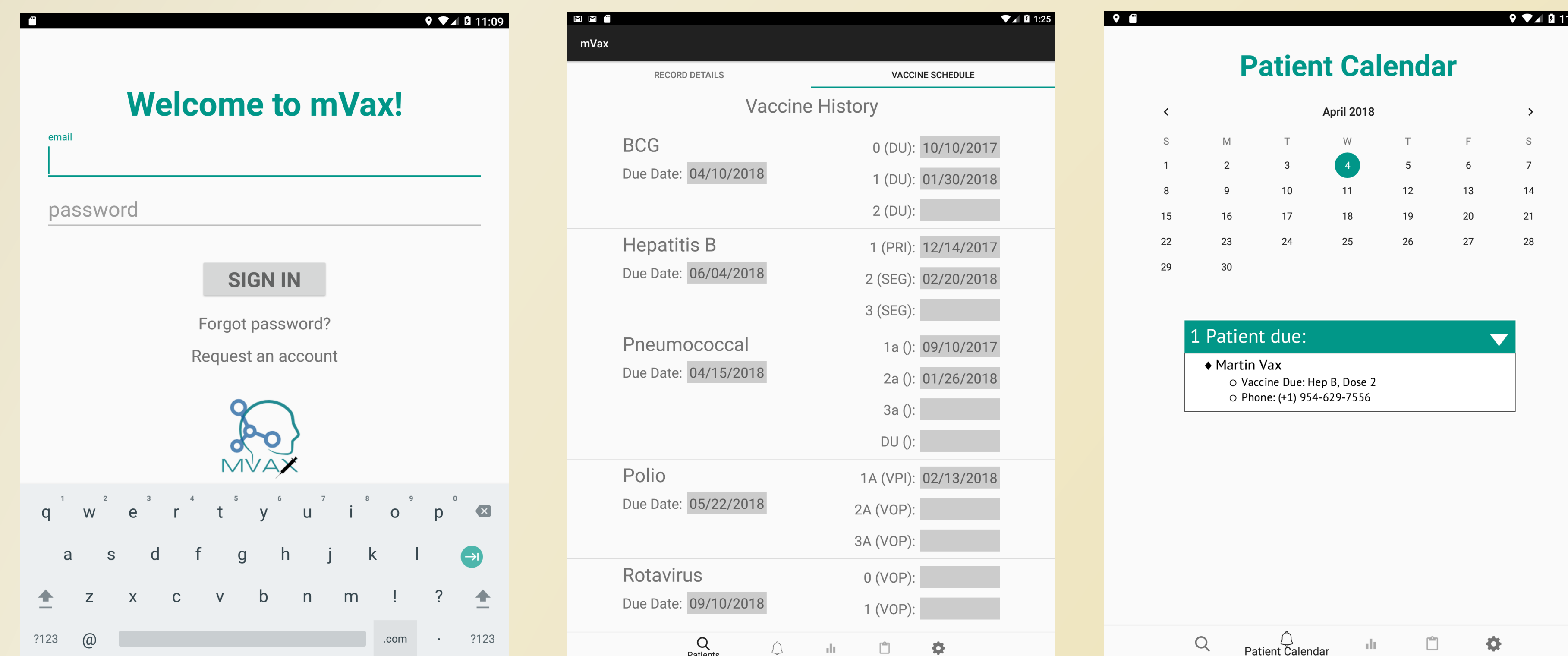
## Our application: mVax

<https://github.com/mVax-app>

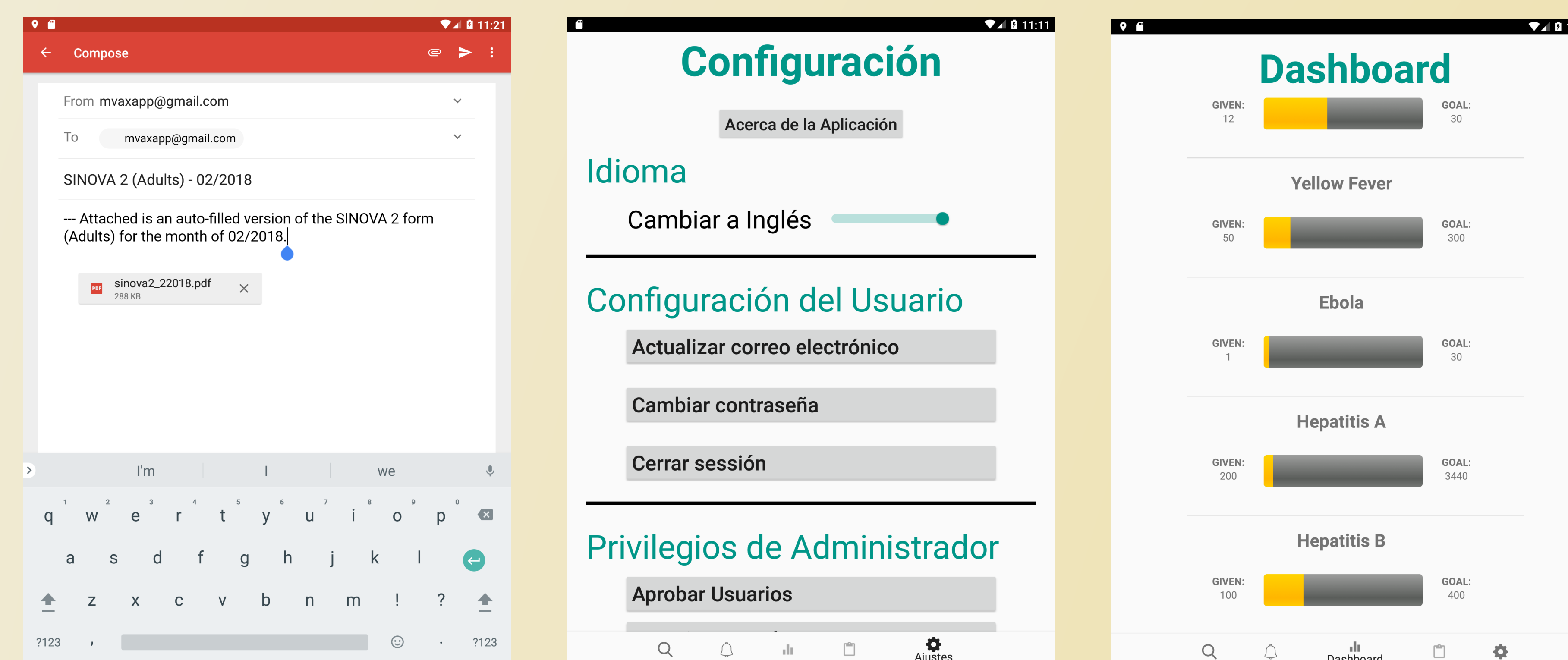


## Application features

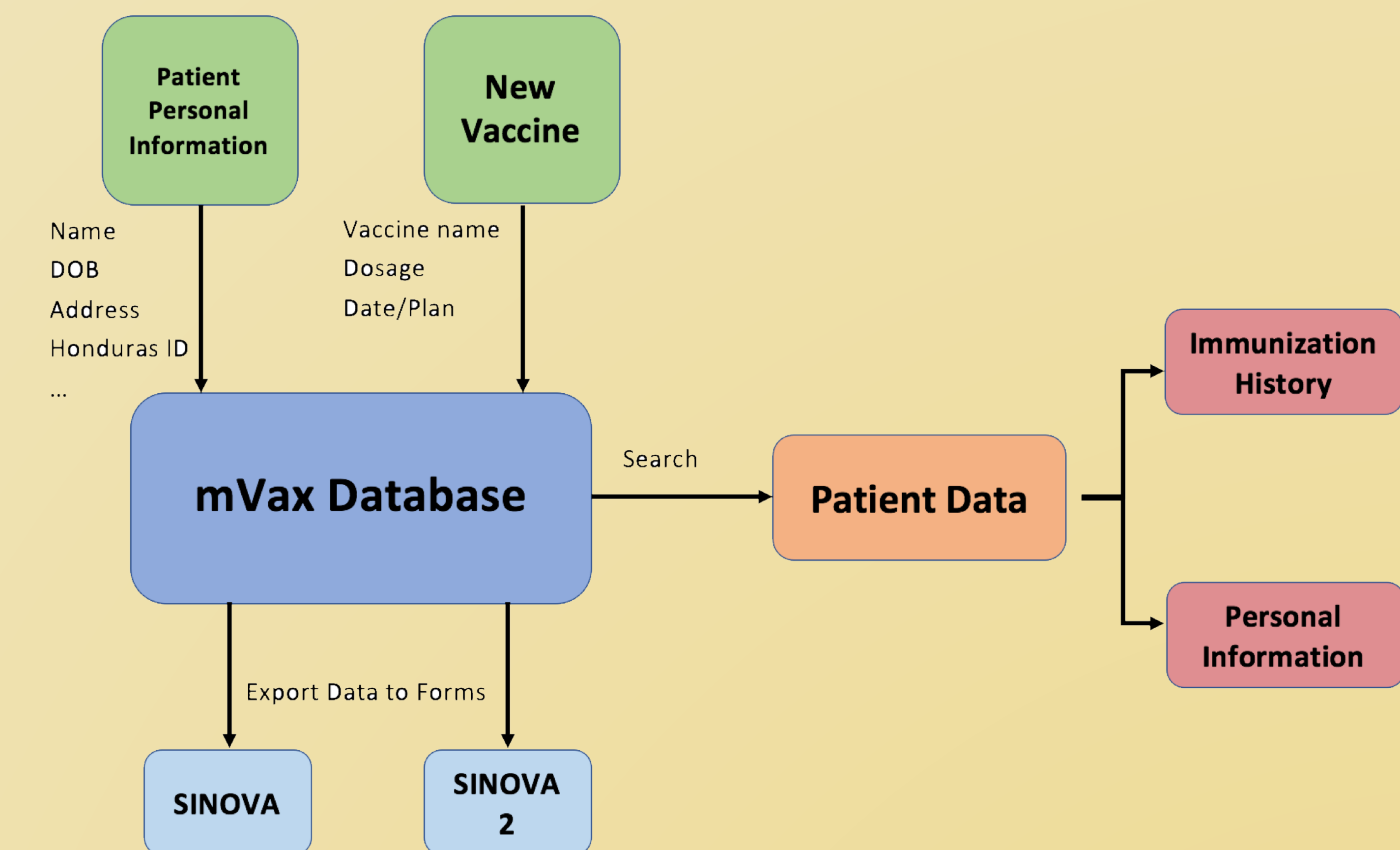
- Patient registration
  - Persistence of vaccination data in a secure database
- Data management
  - Dashboard for tracking progress
  - Auto-filled PDFs of required forms for the Honduran Ministry of Health
- Multilingual support
- Data security and infrastructure
  - Continual data backups and persistence
  - Offline data storage with manual sync when network connectivity is restored



Left to right: 1. Welcome. 2. Vaccine Data Entry. 3. Vaccination due dates.



Left to right: 1. Automated email sending auto-filled form. 2. Settings showing multilingual support. 3. Vaccine administration progress.



Patient vaccination data flow within mVax

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Patients queuing up to receive services before Clinica Esperanza opens