Milk Bank Dispatch

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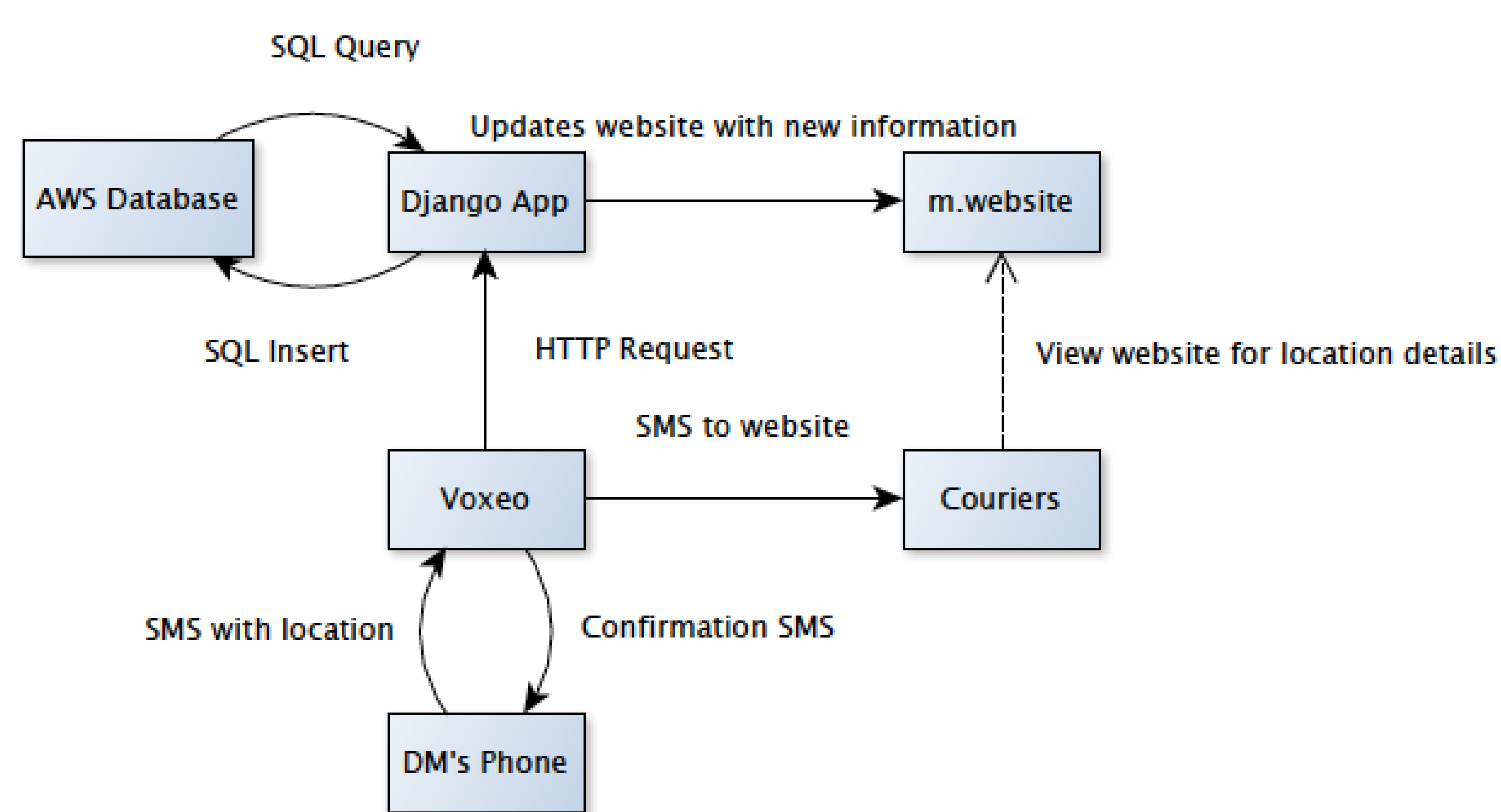
Problem

Donor mothers may request pickups at odd times, often with minimal notice. Sometimes, more than one courier goes for a specific pick up because of the lack of communication. After picking up the milk, couriers sometimes don't know which milk bank to bring the milk to.

Our goals are to make the couriers' job easier as well as standardize the process of contact.

Related Work

- Taxi Apps - Dispatch! (best), TaxiCentral
- Mass coordination - RapidSMS, Comtekk
- Emergency Responder - Amerilert First Responder

Architecture

Solution Idea

A **low cost dispatch app**. Donors simply **send an sms,** include time and location, and the app **dispatches the closest available courier.**

Field Work

- Rohit Chaudhri – grad student working on Milk Banking
- PATH – Seattle NGO
- Human Milk Banking Assoc. of South Africa, Durban

Prototype

Future Work

Coding	User Research + Design	Misc
Week 1-2: Voxeo	Week 1-2: investigate proposed design concepts	Research into implementation in South Africa (ongoing)
Week 2-5: Django		
Week 6: Testing Voxeo and Django	Week 3-4: wireframes and mockups	Discussions with PATH and Durban (ongoing)
Week 7: Database	Week 5-6: user testing and redesign	
Week 8: Testing all	Week 7-8: testing all	
Week 9-10: Improvements	Week 9-10 further improvements	

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