Helping the Homeless with **Qiosk**

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Why We Want to Help

- In 2016, there were 550,000 Americans that were homeless.

- Los Angeles and San Diego have the 2nd and 4th highest homeless populations in the nation.

- California accounts for 28% of all homeless population.

- Caused by lack of income and affordable housing

What We Aim To Do

- Utilize DragonBoard to provide accessible, easy-to-use technology
  - Help build reputation and wealth
- Provide an employer/employee rating system to help determine reliability
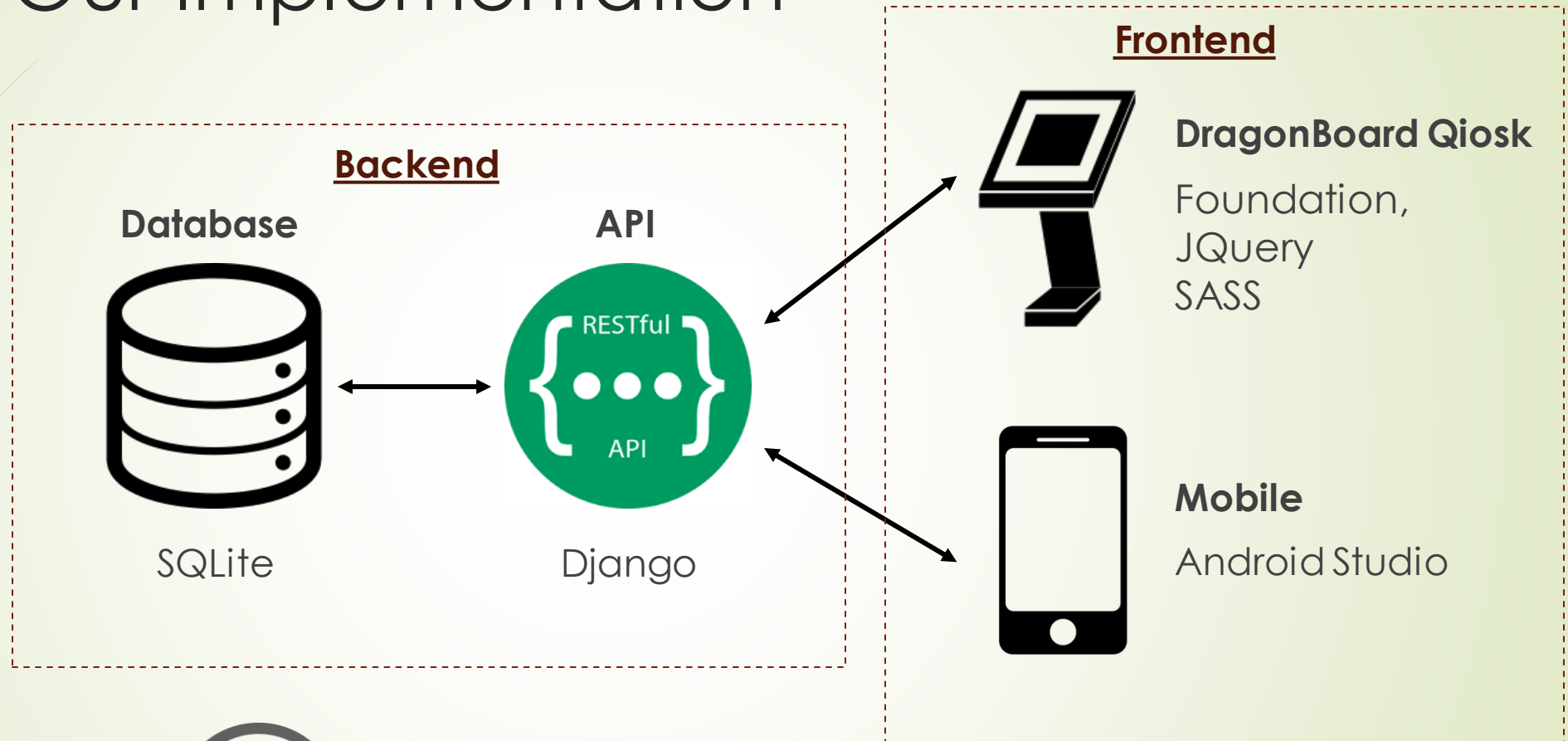- Provide underserved populations with information on helpful resources

Demo

Our Implementation

Frontend

Backend

Database

API

RESTful API

DragonBoard Qiosk

Foundation, JQuery SASS

SQLite

Django

Mobile

Android Studio

Researched ability to power Qiosk using the **Dragonboard** in order to implement facial recognition

Our Future Vision

- Spread Qiosks around metropolitan areas
- Work with local businesses to build confidence in hiring those with little to no skill.
- Implement DragonBoard to be the low-cost computer behind the Qiosk.
  - Able to utilize facial recognition / biometrics
- Qiosks can help build communities as well

References

- https://www.nlchp.org/documents/Homeless_Stats_Fact_Sheet
- https://www.forbes.com/sites/niallmccarthy/2016/11/25/the-u-s-cities-where-the-largest-homeless-pop-infographic/#1dc344c24dde
- http://host.madison.com/wsj/news/special/homeless/introducing-the-series-a-challenge-to-move-beyond-stereotypes-and/article_372866d7-3bb9-5690-87e2-1c98b8f58995.html