

solution description

We have implemented a **vote casting mechanism** that consists of

- ❑ mobile application with **face recognition** functionality (Amazon Recognition Service), **eligibility checks** functionality
- ❑ SQL-like abstraction over blockchain to secure auditability and transparency
- ❑ backend deployed on AWS

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code and documentation

Android application .apk file URL:

<https://drive.google.com/file/d/1ti2gILnCYbJ-A1vhJUVcqQDAV1tbQC2B/view?usp=sharing>

Github repositories:

Android mobile application for citizens to vote:
<https://github.com/sbhack2019/android-app>

Backend for interaction with Waves blockchain and Face recognition, deployed to AWS (using EC2 instance, AWS Rekognition, AWS RDS):
<https://github.com/sbhack2019>

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