

CHECK **YOUR** BIAS

Make voting great again!

Roe, Ryan, Aaron, Nick, Sonja, Todd, Riley, Geoffrey

State of the Union

- Problem

- Media and user bias on campaign reporting
- Uninformed voters on political issues
- Low voter turnout

- Solution: Check Your Bias

- Learn more about political issues
- See which candidates align with your views
- Crowdsourced data



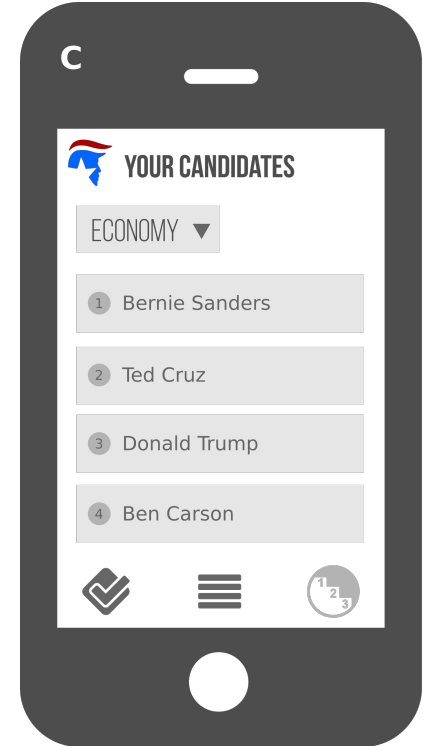
Major Features - Issue Selection Rating

- Application displays an issue to the user without attribution
- User indicates their agreement or disagreement using a slider
- Relevant news on that issue is displayed after a user votes



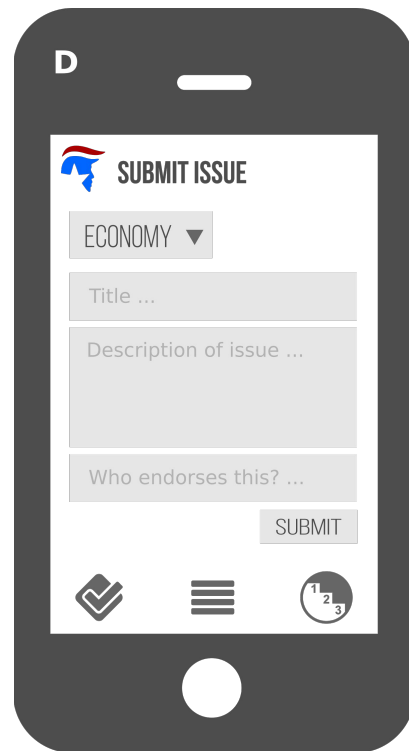
Major Features - Candidate Analysis

- Ranking of candidates based on alignment with issues
- Filter by categories
- Overall ranking weighted by importance of categories per user



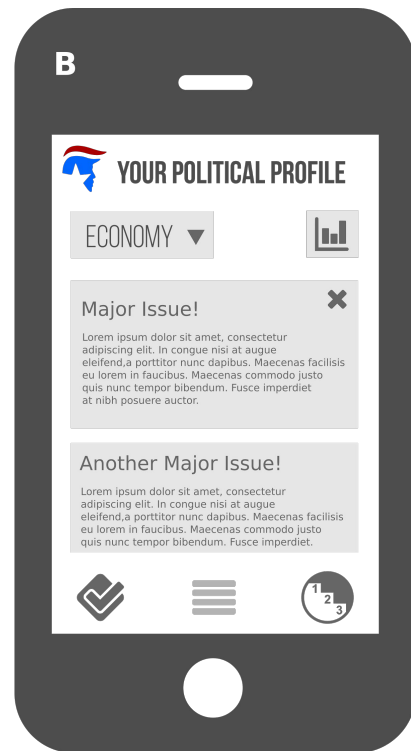
Major Features - Crowdsourcing

- Allows users to submit issues
- User submits a form:
 - Who said it
 - What they said
- Manual approval by admins
 - Stretch feature: crowdsourced approval



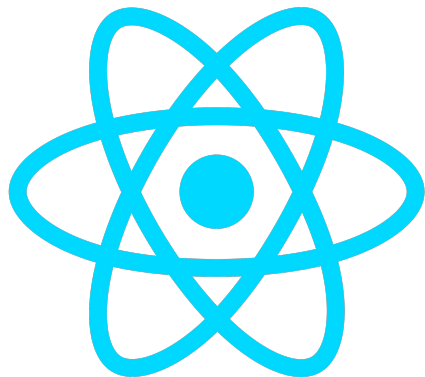
Major Features - User Profile

- Displays information and data about user's political stance
 - Timeline of user's voting history
 - Issues that were shown earlier
- Application displays the user's submitted content
 - Status (ex. approved, pending)



User Interface

- Implemented in React with TypeScript
- Uses React Material Design Components from Google
- Cross-platform compatible

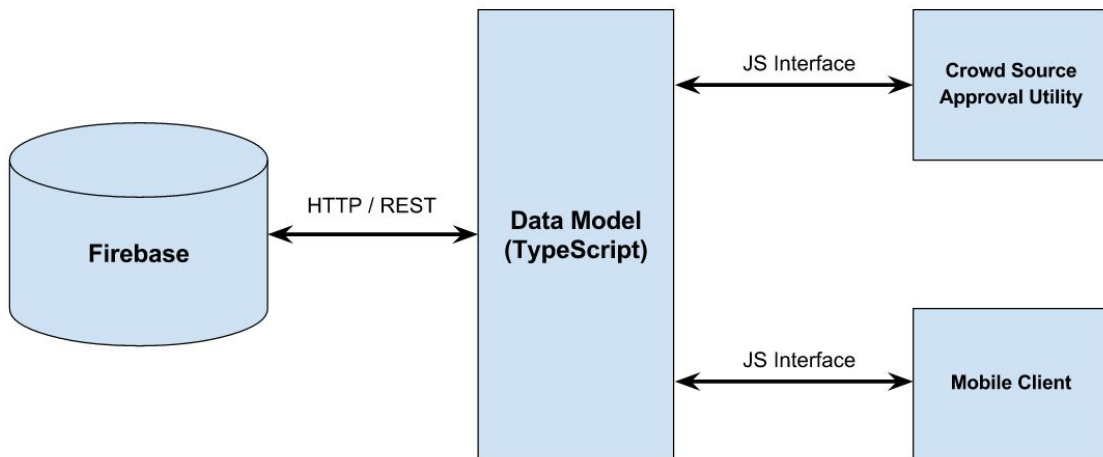


TypeScript

Architecture - Checks and Balances

Firestore → **Client-side Data Model Processing** → **JS/React Cordova UI**

- Scalable Database Infrastructure
- Server Component Not Necessary
- Build Once, Deploy Everywhere



Plan of Action by Executive Order

2/2 - 2/9: Product website, zero feature release

2/9 - 2/23: Feature complete

- Finish all major features
- Unit tests for all features

2/23 - 3/1: User testing, stretch features

3/1 - 3/8: Fix bugs, finish stretch features

3/8: Final release