

Vice Chair's Report VoteFromAbroad.org (v3)

DPCA GLOBAL MEETING

MAY 2019

Voting from abroad
should be secure and
simple

Project Goals

Reduce number of steps needed to complete FPCA

Allow one stop FPCA request

Simplify FPCA form while ensuring all necessary fields are filled out

Integrate with nationbuilder, Callhub, other tools

Use best in class security

Support our privacy policy and responsibilities under GDPR

Simplify form while ensuring all necessary fields are filled out

VoteFromAbroad.org
should be the BEST
resource for overseas
voters.

Project Timeline

VFA 2 Systems Review

Development strategy

Testing

Launch

3rd party Assessment

3rd Party Maintenance & development

VFA 2 Systems Review

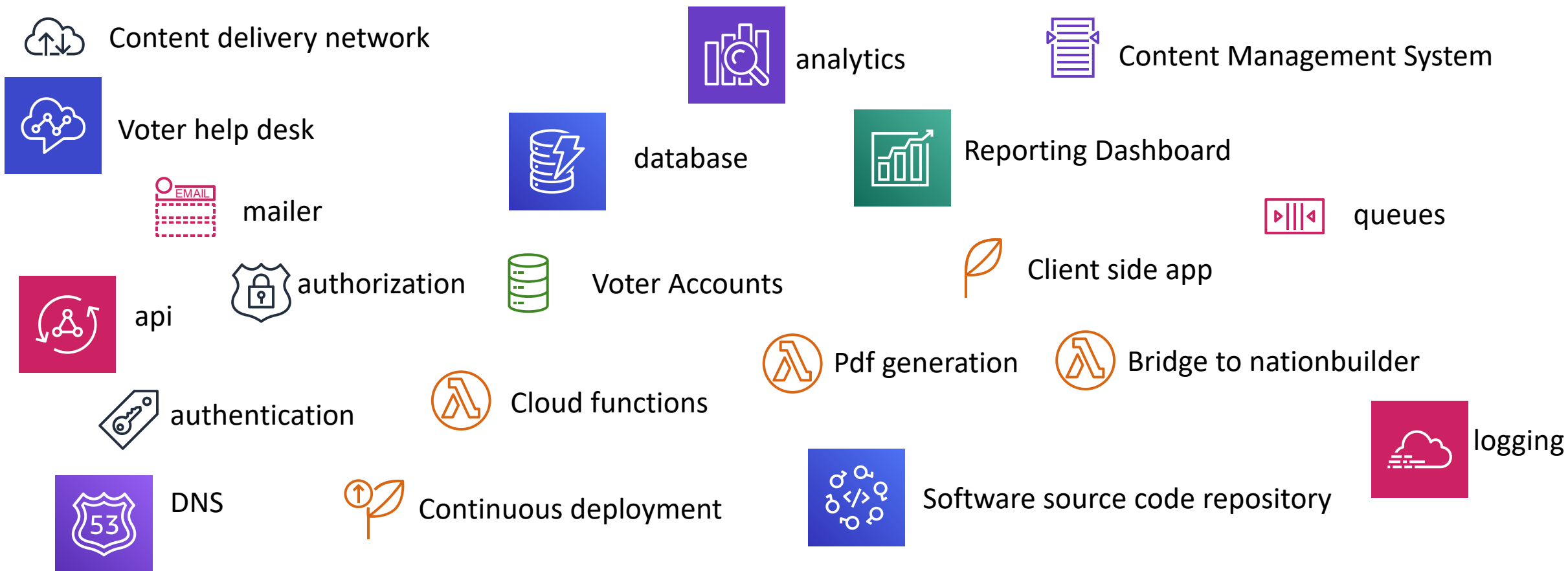
- Not in control of User Experience
- Lack of a Spanish version
- Outages during higher usage
- bugs (preventing voters from completing their FPCA, FPCAs generated without LEO addresses)
- Limited analytics
- privacy concerns

Development Strategy

Big goals, small budget

- GOTV Lead requirements
- External development planned with financial support from the DNC
- Delays in funding meant we couldn't hire external developers
- Initially developed in-house
- In-house testing & QA (over 50 testers & 5k tests) – THANK YOU SHARI & TEAM
- Review, maintenance and future development by 3rd party

Architecture



TESTS

- Lead by Shari Temple, THANK YOU
- More than 50 testers, THANK YOU
- More than 5,000 tests
- Beta testing with students.votefromabroad.org & es.votefromabroad.org
- Extensive launch criteria

LAUNCH

- Acceptance criteria met in October
- student.votefromabroad.org & es.votefromabroad.org live beta
- Unexpected outage in end of October 2018
- Oct 25 Global launch

3rd Party Review

- Allocated same \$12k per year to pay for review / maintenance / improvements
- 4mobile selected to perform initial review / maintenance / development
- Initial review received

3rd Party Review

“The system has worked without a glitch since October straight. While it wasn't subjected to a formal code review process, it has gone through extensive testing - not just by quality controllers but in the later stages by real users. It's also proven to withstand the peak stress, with a large load reserve. So, putting this in tech terms, it has gone through a beta test and through a thorough pilot operation plus a live deployment test. We deem this a working solution; reality has proven it to be able to solve the problem as expected.”

3rd Party Review – areas for improvement

- Automated testing - minimize risk of future development creating uncaught bugs
- Automated dependency updates – reduce future maintenance costs
- Reduce bundle size to speed up load times
- Re-organize translation strings

New Features

- Robust reporting dashboard
- WYSIWYG landing page builder
- more

3rd Party Maintenance / Development

- In process of assigning developer hours
- Initial tasks
 - Automated testing
 - Update LEOs / election rules
 - Reporting Dashboard

Feedback / Questions

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