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Open Design Search

Voting Systems Assessment Project



Overview

- Open Design Search
 - Online Innovation Challenge
 - Voting System Brainstorming Workshops
- Funding for Design Selection and Prototyping
- Discussion of Open Design Search solutions



VSAP Status

VSAP Phase I (2009-2010)

- ✓ Symposium
- ✓ Public Opinion Baseline Research

VSAP Phase II (2011-2012)

- ✓ VSAP Advisory Committee
- ✓ General Voting System Principles
- ✓ Process Assessment
- **Envisioning- Open Design Search**
- Conceptual Design Selection
- Prototype

VSAP Phase III

- Acquisition and Development
- Implementation



Open Design Search

Components:

1. Open Innovation Challenge
2. Voting System Brainstorming Workshops



Open Innovation Challenge

An online design challenge that gave the public the opportunity to share concepts, ideas, and designs to answer the following question:

How might we design an accessible election experience for everyone?



Partners



Accessible Voting Technology Initiative,
Information Technology and Innovation
Foundation



OpenIDEO

Funding



U.S. Elections Assistance
Commission (EAC)

Competitive 3-year grant from the
EAC focused on increasing the
accessibility of election technology



Open Design Search

Components:

1. Open Innovation Challenge
2. Voting System Brainstorming Workshops



Voting System Brainstorming Workshops

- Workshops designed to engage stakeholders and gather ideas and concepts
- Targeted different stakeholders and focused on different elements of a voting system



Brainstorming Workshops

January- February

- ITIF AVTI Brainstorming Workshops

March

- Election Verification Network Conference:

April

- RR/CC Staff Brainstorming Workshops



Open Design Search Stats

Participants

- 91,265 Unique Visits to Challenge Site
- 113 Workshop Participants

Concepts

- 28 Concepts Gathered





Brainstorming Workshops

Recurring Themes

Voter Interface

- Tablet-Based or Touch Screen Interface
- Capacity to Integrate Accessibility Features and Attach Assistive Technology tools
- Ability to Adjust Height and Angle of Ballot Marking Tool/Device



Brainstorming Workshops

Recurring Themes

Ballot

- Paper Ballots for Audit
- Small Paper Ballots for Easy Handling and Storing



Brainstorming Workshops

Recurring Themes

Technology

- Open Source Software
- Election Markup Language
- Store Election Information in Voting Cloud



Brainstorming Workshops

Recurring Themes

Tally Method

- Centralized v Precinct-Based Tally
- Paper Ballot Tally v Electronic Tally



Brainstorming Workshops

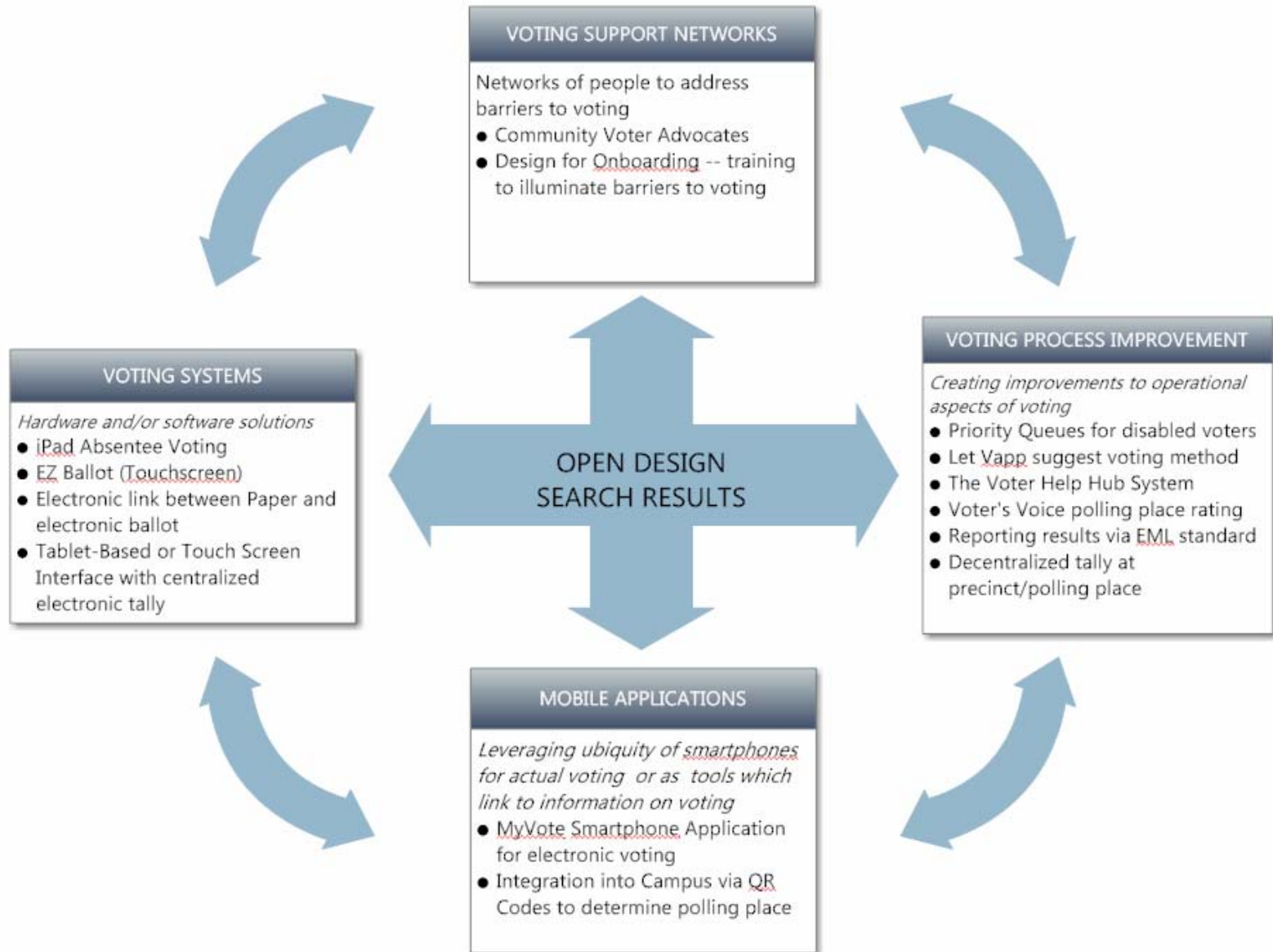
Recurring Themes

Providing Options

- Options for Accessing, Marking and Casting a Ballot
- Develop Mobile Applications
- Ability to Download, Mark, and Print Ballot Using Home Computer



Classification of Results





Next Steps

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VSAP Phase III

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Prototyping

The prototyping stage requires securing funds to:

- Engage a consultant to synthesize ideas
- Develop, build and test a prototype system

Potential funding sources:

- Productivity Investment Fund Grant (PIF)
- Information Technology Innovation Foundation (ITIF) grant



Prototyping -- Potential Funding Sources

- Information Technology Innovation Foundation (ITIF) Grant
-- ***Submission Deadline June 1, 2012***
- Productivity Investment Fund Grant
-- ***Submission Deadline July 13, 2012***



Questions

How do you suggest we synthesize and process this data?

What process do you suggest we use to select a system design and continue to be open, participatory, and transparent?



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