Online Polling & Surveys- 'Poll-e' A System Secured By Using the Blockchain Technology

Presented By: BarSpan Team

Let's first start with-
Why Surveys Are Important?

Surveys are theme based structured questionnaire, which are aimed at providing a valuable insights and results or public opinions for the desired topic.

- Provide government agencies with means for connecting with citizens to receive the input and feedback.
- Can Inform about shifts in major issues and direct and motivate correct action from the Government agencies.
- Help in making community investment decisions, public health, welfare and education.

Why doing Survey is useful?

- Public opinion and feedback
- Communication and engagement.
- Program budgeting
- Public awareness and education

Problem We Face

How frequently do we participate in surveys and file our valuable opinion for any of the Govt initiatives. budgeting, schemes, investments or services?
Very Rare!
Because most of us think that our opinion or suggestion are not going to be considered or not even going to reach to the desired authority.
What's causing this our lack of trust in surveys?

- Possibility of the Data manipulation before it get reached to the authority.
- Less user-friendly platforms.
- Security Issue

Why we are facing this problem?

In spite of so well digitally equipped we're unable to conduct an efficient online surveys/polls to have the public input in order to obtain the effective results & insights. Hence, these services are loosing its importance and credibility, and results are not effective and thus hampering the overall growth & development.
Therefore, the objective is remained unfulfilled!
So, what we can do to prevent breach and improve these services?

Solution

- We have created a system for Online Polling & Survey.
- In which, Users as well as respective authorities will have a basic interface to create and conduct the surveys and for users to respond to it with their inputs & feedback.
- System is secured by the Blockchain Technology.
- Data manipulation and any kind of breach can be prevented which makes this system secured to a whole new level.
- Collaborated existing services with this system, allowing a robust yet convenient method for the users to cast their opinion/votes or filling the survey forms in order to get their input valued by the respective authorities.
- Contributing a new yet effective way in overall society welfare and development.
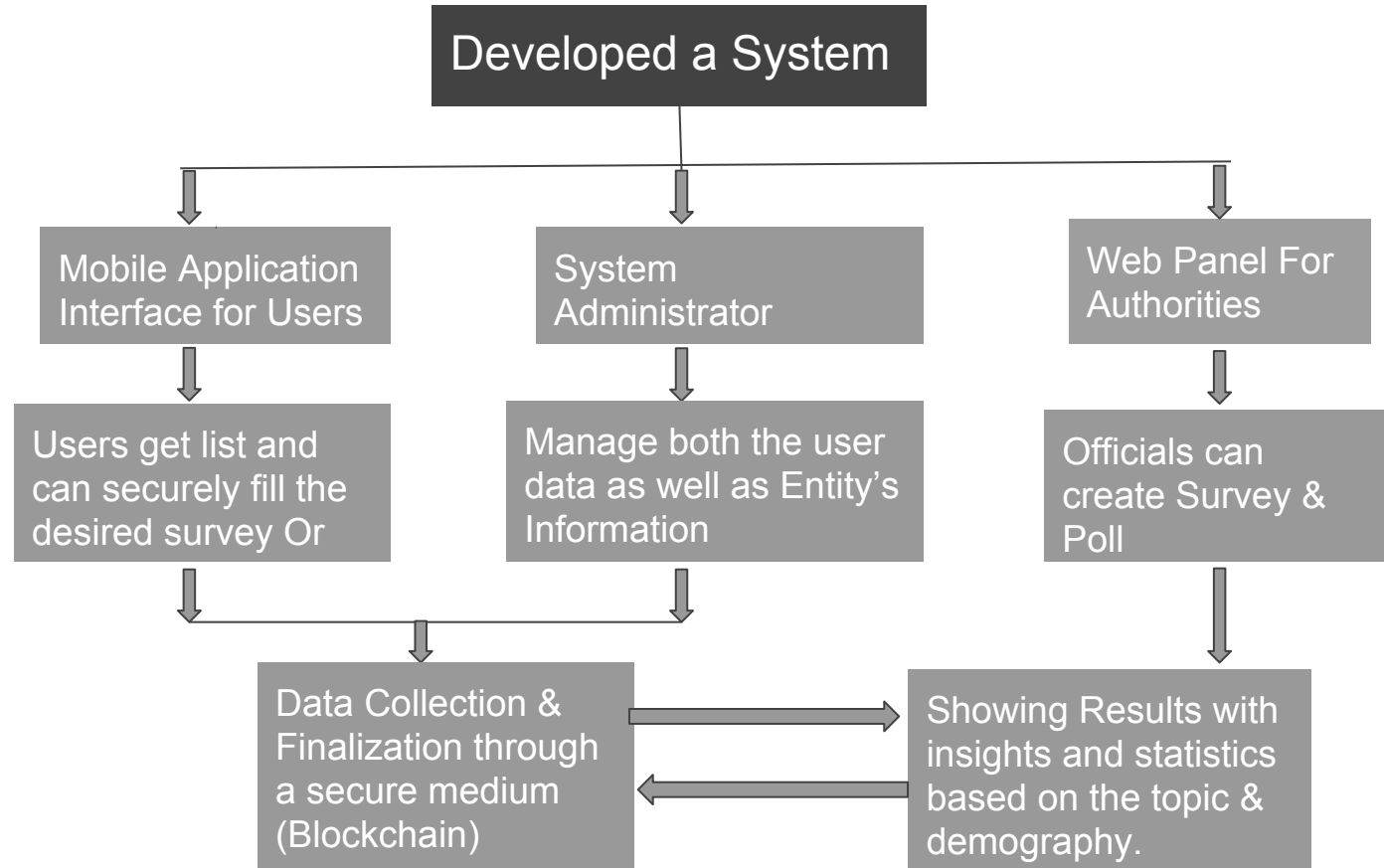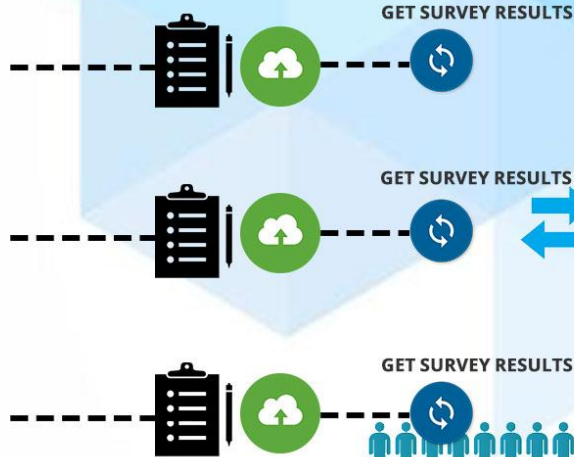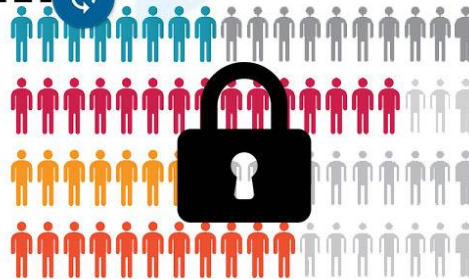
Let's SEE, How it WORKS!

(Demo Begins)

ONLINE POLLING & SURVEY USING BLOCK CHAIN

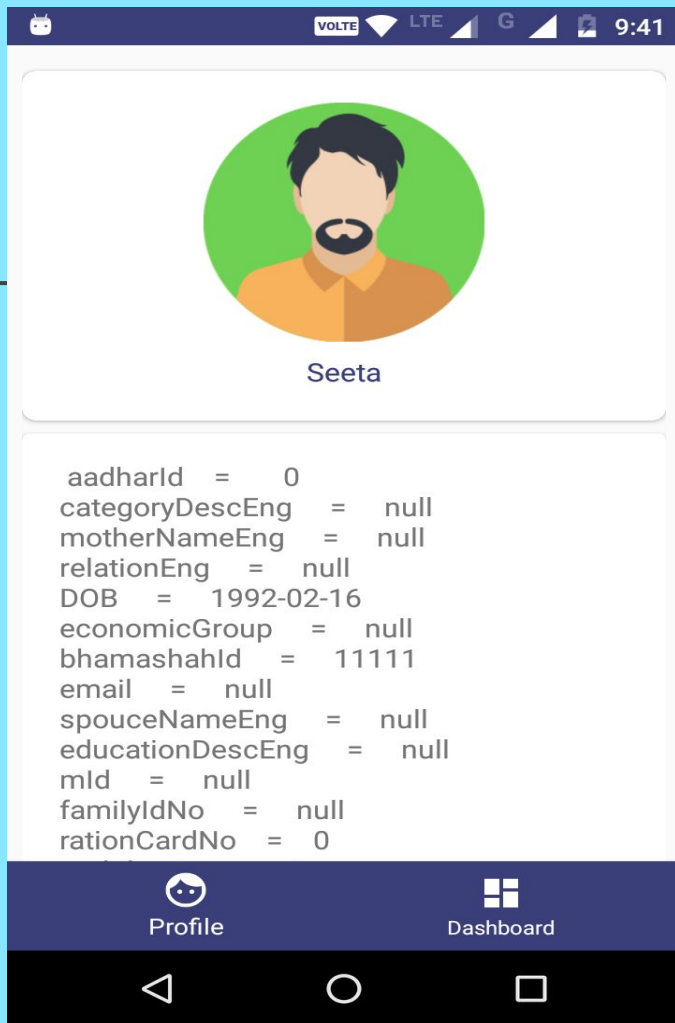Polls and Surveys will be Based on demographic and which entity starts the poll
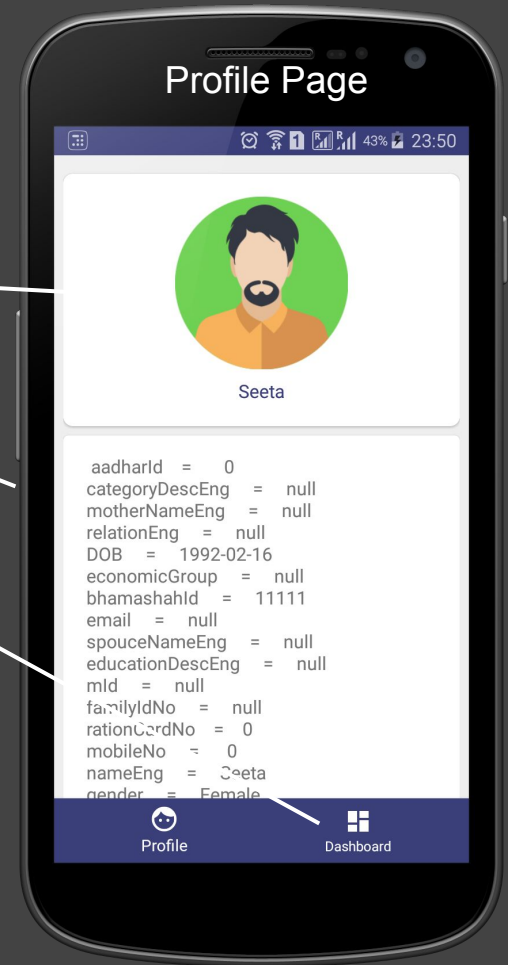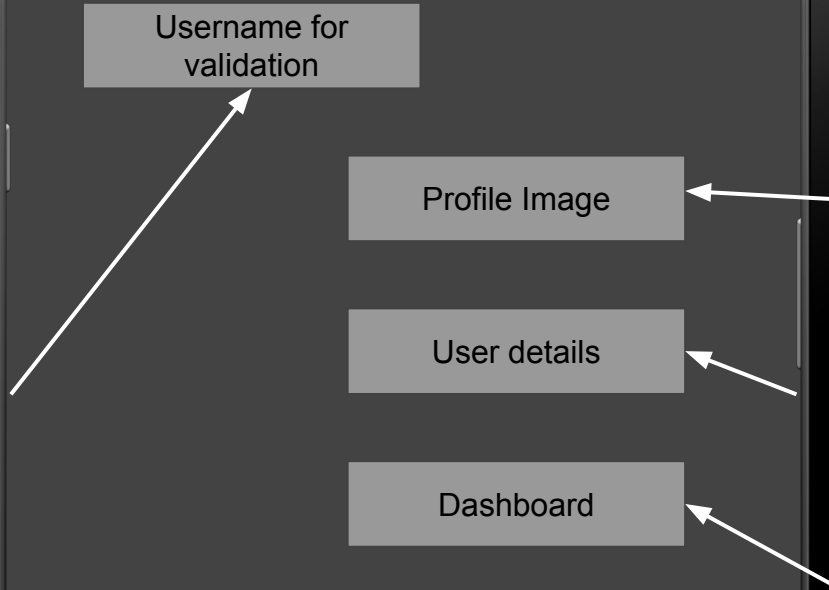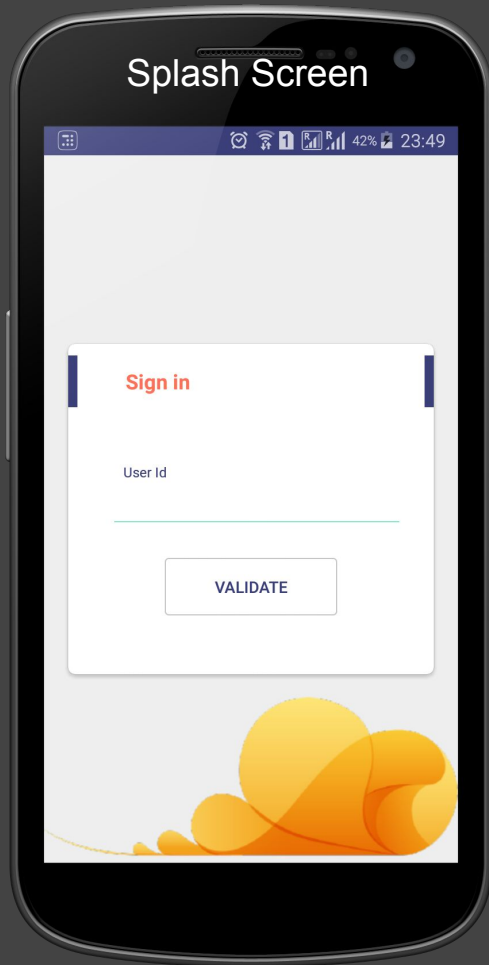
AUTHORITY CAN ADD TOPIC TO BE POLLED

GET SURVEY RESULTS

GET SURVEY RESULTS

GET SURVEY RESULTS

YES
NO

Residents

Residents

Residents

USERS CAN RESPONSE ACCORDING TO CREATED POLL

User Application Interface.

Seeta

aadharId = 0
categoryDescEng = null
motherNameEng = null
relationEng = null
DOB = 1992-02-16
economicGroup = null
bhamashahId = 11111
email = null
spouceNameEng = null
educationDescEng = null
mId = null
familyIdNo = null
rationCardNo = 0

Profile   Dashboard

Splash Screen

Sign in

User Id

VALIDATE

Username for validation

Profile Page

Seeta

Profile Image

User details

Dashboard

```
aadharId    =    0
categoryDescEng    =    null
motherNameEng    =    null
relationEng    =    null
DOB    =    1992-02-16
economicGroup    =    null
bhamashahId    =    11111
email    =    null
spouceNameEng    =    null
educationDescEng    =    null
mId    =    null
familyIdNo    =    null
rationCardNo    =    0
mobileNo    =    0
nameEng    =    Seeta
gender    =    Female
```

Profile   Dashboard

Screen 4

All Servays

Name : Who is the next PM ?
From : SuperAdmin
Date : 2017-03-18 05:09:58

VIEW DETAILS ✓✓

Name : Main Reasons for last Accident
From : SuperAdmin
Date : 2017-03-18 05:09:58

PARTICIPATE ✓✓

Name : New Road is Necessary in Village
From : SuperAdmin

Profile   Dashboard

Survey Question

Survey Authority

Date

Detail of the Survey

To Participate button

Screen 5

Main Reasons for last Accident
From : SuperAdmin
Date : 2017-03-18 05:09:58

Multiple choice Survey

Heavy Traffic ☐

Bad Roads ☐

Heavy Rainfall ☐

No Order ☐

Cancel   Submit

Screen 4

Main Reasons for last Accident

From :	SuperAdmin
Date :	2017-03-18 05:09:58

Heavy Traffic ☑

Bad Roads ☐

Heavy Rainfall ☑

No Order ☐

Cancel	Submit

Screen 5

Who is the next PM ?

From :	SuperAdmin
Date :	2017-03-18 05:09:58
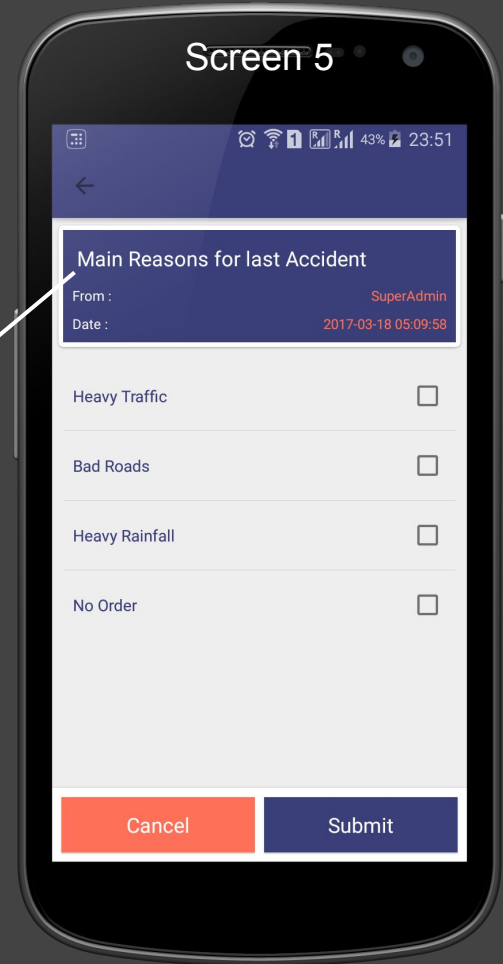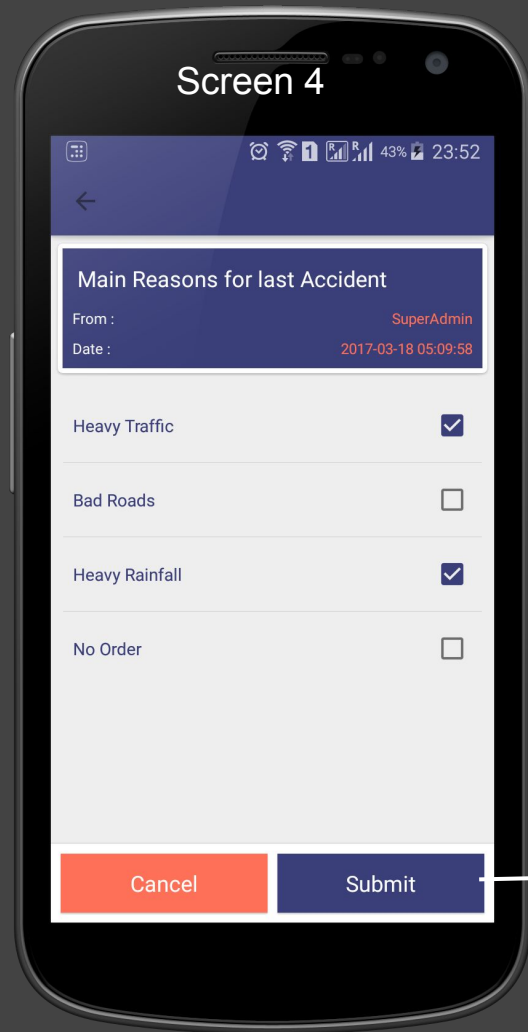
Survey Question

Statistics

Submit and Cancel button

BARSPAN
EASYSURVEY
Admin Dashboard

- Dashboard
- Add New Authority
- Add New Survey
- History

Who is the next PM ?
Single Choice

Total Responses : 1

Narendra Modi	2
Rahul Gandhi	1

Main Reasons for last Accident
Multiple Choice

Total Responses : 0

Heavy Traffic	0
Bad Roads	1
Heavy Rainfall	2
No Order	0

New Road is Necessary in Village
Rating

Total Responses : 0

Rating	0

Total Responses : 0

BARSPAN
EASYSURVEY
Admin Dashboard

Dashboard

Add New Authority

Add New Survey

History

Add new Survey
Select What Kind of Survey you want and publish for results.

SINGLE CHOICE   MULTIPLE CHOICE / POLLING   RATING

Topic

Add More Options

Write Options Here

❌ Remove This Option

Write Options Here

❌ Remove This Option

Save

Dashboard

Add New Authority

Add New Survey

History

Add 3rd Party Admin
These Admins can Add/View Survey.

Authority Name

UserName

Password

Government Authenticator

Enable / Disable this Authenticator

Add

Why To Use-'Poll-e'?

- Create, promote, and deliver the surveys to create a medium for citizens to provide their opinions or ideas about government-sponsored programs and schemes or investments.
- Design and deliver the surveys to gather a public opinion and feedback on any topic—including measures to fund infrastructure investments, traffic and housing issues, community development plans and public health, welfare, and education.
- To Improve survey response rates by delivering surveys on mobile devices or web- conveniently located at government offices and Govt Service centres.
- To Get Public opinion and feedback over a private and secure medium.
- To Use the feedbacks & opinions to support the health of our affected and wider community. Our surveys are compliant with web accessibility standards meeting all indian standards for respondents with disabilities.

Communication and engagement:

- Poll the citizens to find out which communications medium or channel work best – whether newspaper, signage, online kiosks, email, regular mail, voicemail, SMS, social media, or other etc.

Program budgeting.

- Raise the level of community awareness and engagement on budget prioritisation and decision-making. Design, deliver, and promote surveys that inform citizens of current issues and budget status and provide them with opportunities to prioritize civic investments.

Public awareness and education.

- Use surveys to reach the public with timely information about any issue of relevance – including new information on health, safety, policy, services and more. Present this information in the form of quizzes or polls to create an engaging way to deliver new information.

Business Model- Survey Polling

BARSPAN TEAM

Key Partners	Key Activities	Value Prpositions	Customer Relationships	Customer Segment
* Bhamashah & e-mitra APIs. *MultiChain to store users choice securely.	* System designing , mobile application development , * Deploying blockchain technlogy * Bhamashah App or e-mitra updation	* Qualitiative- Overall customer experience and outcome *A public poll or survey which help to evaluate a common choice.	* Automated Service- App identifies individual customer and their response which will go through muti chain to secure.	* Niche target- To know users view by surevy using multi chain technology to cure the data manupulation. * We are creating this suvey for citizens which help them to input their views .

Key Resource

* Software Developer

* Database/ Multichain Admin

* Research Analyst

Channels

* BhamashahApp or E-mitra app used to integrate the code

* Mobile app for smart phones and Tablets

Cost Structure

* Server setup cost

* App Development cost

* Maintaince Cost

Revenue Streams

* Third party service registration fees for survey

* Ad revenue

* Free of charge for citizens.

Credit

- BHAMASHAH
- E-Mitra
- Blockchain

Milestones

April, 2017

Alpha-Release of user Application
& Web-Panel with Central Admin

March, 2018

System Monitoring, Load Balancing,
Additional improvement as required.
Promotions & Marketing.

2017

2018

November, 2017

Service linking, End Testing &
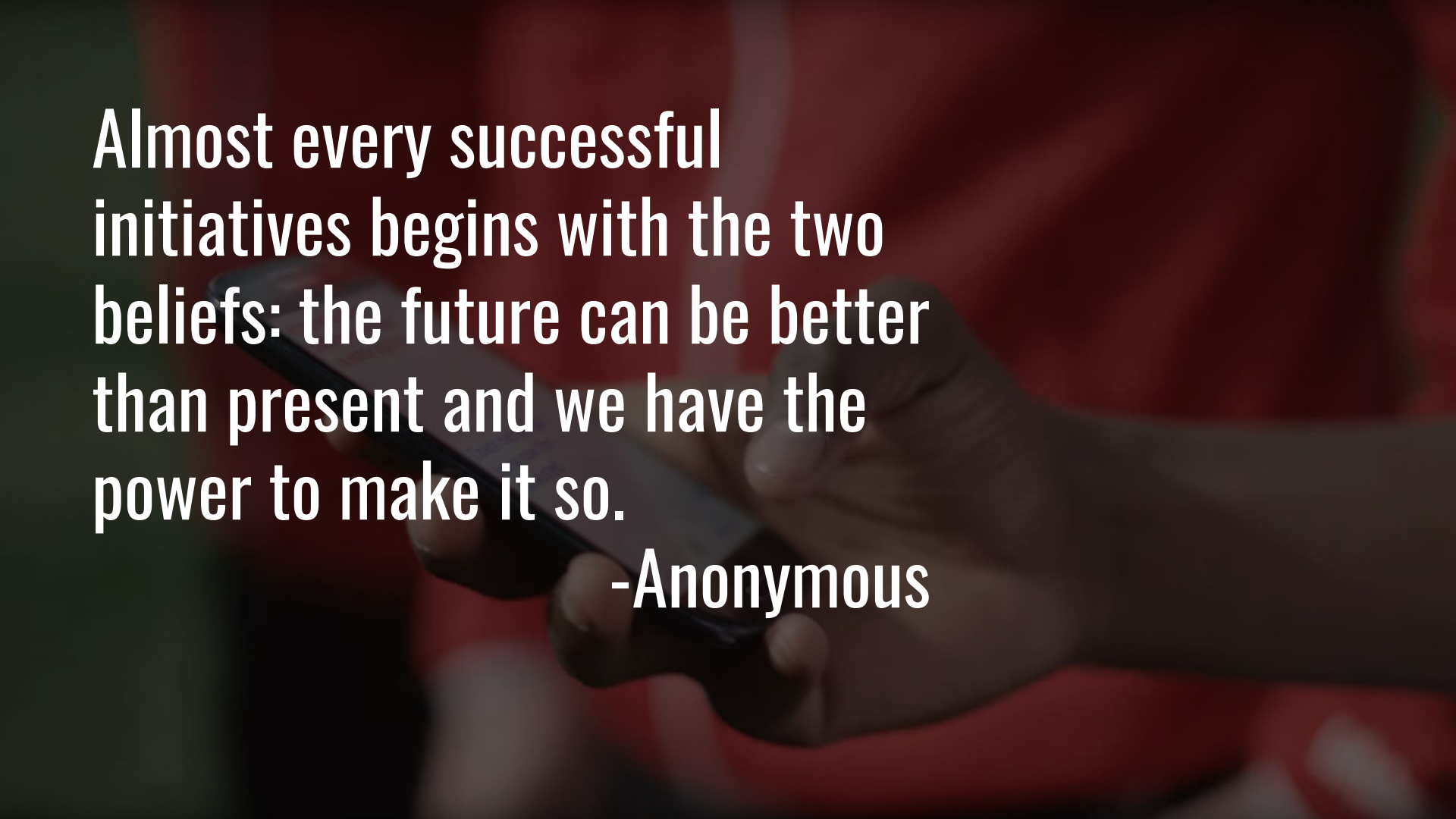Training.
Finally,Public Release.

August, 2018

Advanced monitoring and
protection.

Good luck & Thank You!

We hope you liked this presentation!

For more information:
blog.barspan.com

Almost every successful initiatives begins with the two beliefs: the future can be better than present and we have the power to make it so.

-Anonymous