

Blockchain Blog:

```
index.html — C:\Users\Pratik\Desktop — Atom
File Edit View Selection Find Packages Help

Project index.html
20 This month Lonneke is sharing the details about the design of the voting application and its use with the Oracle Luxembourg User's Grp
21 Following is an excerpt from her article <strong>Enhancing democracy with Oracle Blockchain</strong> published in the Pass the Know
22 </article>
23 </section>
24 <section>
25 <header>
26 <h3>
27 Summary Highlights
28 </h3>
29 </header>
30 <article>
31 To increase citizen participation, a group of scientists, businesses and non-profits created a virtual municipality that would be able
32 Vaardam is the first virtual municipality in the Netherlands. They are exploiting a range of Oracle technologies to encourage citizen
33 resistant to fraud and easy to use – and can be applied to many other business use cases.
34 A formal structure for decision-making was required – and they deployed a digital identity and voting application using blockchain tec
35 <br><br>
36 Various key design decisions were made along the way in order to ensure the decision-making could be from a trusted digital identity,
37 <br><br>
38 A formal structure to facilitate decision-making, including voting, needs to adhere to at least the following requirements:
39 <ul>
40 <li><em>It should make use of a trusted digital identity</em></li>
41 <li><em>Votes should be anonymous</em></li>
42 <li><em>It should be tamper-proof</em></li>
43 <li><em>There should only be one vote per citizen</em></li>
44 </ul>
45 <br>
46 <center>
49 </section>
50 </section>
51 </body>
52 </html>
53

index.html 0 0 0 0 50:13
CRLF UTF-8 HTML GitHub Git (0) 2 updates
14:38 04-10-2020
Government College of Engineeri... PL-3 Practical No. 5 - Common... PL-3 Practical No. 5B - T6.pdf Blockchain
C:\Users\Pratik\Desktop\index.html
```

Voting with Blockchain

The Future of Decision Making & Voting with Blockchain

By Oracle Blogs



Oracle Partner Lonneke Dikmans, CTO at Venmore, has developed a digital decision making platform built with the Oracle Blockchain Platform. This month Lonneke is sharing the details about the design of the voting application and its use with the Oracle Luxembourg User's Group and the UK IOUG Magazine. Following is an excerpt from her article "Enhancing democracy with Oracle Blockchain" published in the Pass the Knowledge magazine.

Summary Highlights

To increase citizen participation, a group of scientists, businesses and non-profits created a virtual municipality that would be able to move fast and innovate without any of the traditional hurdles. Vaardam is the first virtual municipality in the Netherlands. They are exploiting a range of Oracle technologies to encourage citizen participation in government decision-making that is transparent, resistant to fraud and easy to use – and can be applied to many other business use cases. A formal structure for decision-making was required – and they deployed a digital identity and voting application using blockchain technology on the Oracle platform to facilitate this.

Various key design decisions were made along the way in order to ensure the decision-making could be from a trusted digital identity, anonymous and tamper-proof.

A formal structure to facilitate decision-making, including voting, needs to adhere to at least the following requirements:

- It should make use of a trusted digital identity
- Votes should be anonymous

```
index.html — C:\Users\Pratik\Desktop — Atom
File Edit View Selection Find Packages Help

Project
  Desktop
    2018BTECS00089
    2018BTECS00089.java
    bootstrap-4.5.0-dist
    CN
    DAA_LAB_2018BTECS00089
    db
    DOS
    Fortnite vdo
    imgs
      block.jpeg
      enhancing_democracy_with_oracle_block
      mobilevote.jpg
    New folder
    New folder (2)
    New folder (3)
    os
    Project
    se
    sql
    -$her Sustainable Development (economics i
    -$her Sustainable Development (economics summ
    2018BTECS00089_Assignment_3.docx
    2018BTECS00089.rar
    2018BTECS00089.zip
    Atom.lnk
    battery-report.html
    CgSEBar.cpp
    CgSE5mile.cpp
    ...

index.html
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81

</article>
</section>
</section>
<hr>
<section>
  <header>
    <pre>
    <h3>Blockchain: The Future of Voting</h3><strong>By TJ Magnoc</strong>
    </pre>
  </header>
  <article>
    Blockchain technology is the protocol behind cryptocurrencies like Bitcoin and Ethereum. This technology works by cryptographical
    This list, or "public ledger," cannot be compromised; the decentralized network of computers and servers must first validate any
    Users of the network can see for themselves any changes made to the ledger, so they can rest assured that their actions on the bl
    Injecting trust into American Democracy can, and will, go a long way toward reducing stress, increasing faith in our elections, a
    <br>
    <center></center>
  </article>
  <section>
    <header>
      <h4>The Path Forward</h4>
    </header>
    <article>
      It's essential for the public to have faith in the outcome of our Democratic and free elections. Without this trust, American D
      fallout from COVID-19, adapting to life after the pandemic, and addressing the rapidly changing business landscape.
      Trailblazing municipalities should be the first to test blockchain voting systems. Holding side-by-side elections (in-person &
    </article>
  </section>
</section>
<hr>
<section>
  <h4>Want to know more ?</h4>
  <h5>Then go through the following links!!!!!!!!!!!!!!</h5>
  <ol>
```



To facilitate the decision-making process and to offer a platform for "real organizations", the initiative developed a solution that enables participation that is transparent and resistant to fraud developed with the Oracle Blockchain Platform. To learn more about this use case, read the full article by Lonneke Dikmans in the [UK IOUG Magazine: Pass the Knowledge /PTK/](#).

Blockchain: The Future of Voting

By TJ Magnoc

Blockchain technology is the protocol behind cryptocurrencies like Bitcoin and Ethereum. This technology works by cryptographically compiling "blocks" on an ever-growing list of timestamped transactions. This list, or "public ledger," cannot be compromised; the decentralized network of computers and servers must first validate any changes for a transaction to be hashed in a block. No centralized authority (e.g., President of the United States or Postmaster General) could subvert this system, so long as the system is truly decentralized. Users of the network can see for themselves any changes made to the ledger, so they can rest assured that their actions on the blockchain (i.e., their vote) has been recorded. The need for human or machine ballot counters and sorters would disintegrate as transactions on the blockchain occur in real time. This could also drive down the cost to operate elections via physical polling locations, hiring poll workers, and purchasing voting machines. Injecting trust into American Democracy can, and will, go a long way toward reducing stress, increasing faith in our elections, and breaking down partisan barriers between both representatives and citizens alike.

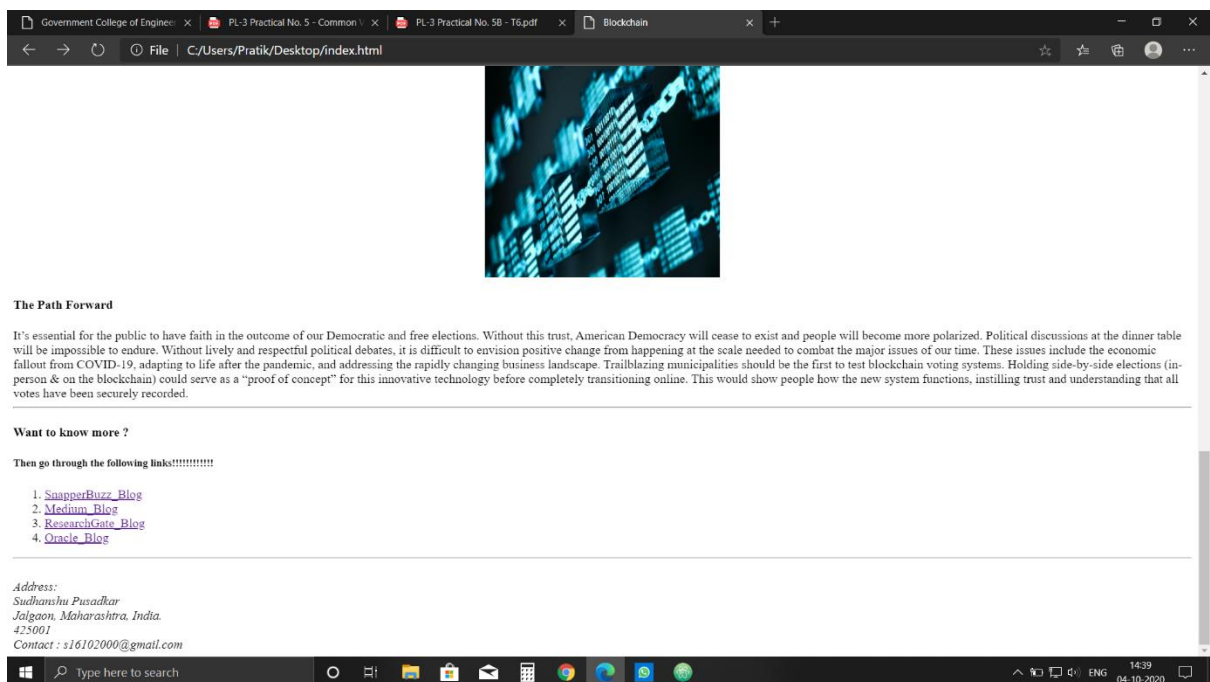


```
index.html — C:\Users\Pratik\Desktop — Atom
File Edit View Selection Find Packages Help

Project
  Desktop
    2018BTECS00089
    2018BTECS00089.java
    bootstrap-4.5.0-dist
    CN
    DAA_LAB_2018BTECS00089
    db
    DOS
    Fortnite vdo
    imgs
      block.jpg
      enhancing_democracy_with_oracle_block
      mobilvote.jpg
    New folder
    New folder (2)
    New folder (3)
    os
    Project
    se
    sql
    ~$her Sustainable Development (economics i
    ~$stainable Development (economics summ
    2018BTECS00089_Assignment_3.docx
    2018BTECS00089.rar
    2018BTECS00089.zip
    Atom.lnk
    battery-report.html
    CgISEBar.cpp
    CgISE5mile.cpp
    ...

index.html
68      <h4>The Path Forward</h4>
69      </header>
70      <article>
71      It's essential for the public to have faith in the outcome of our Democratic and free elections. Without this trust, American D
72      fallout from COVID-19, adapting to life after the pandemic, and addressing the rapidly changing business landscape.
73      Trailblazing municipalities should be the first to test blockchain voting systems. Holding side-by-side elections (in-person &
74      </article>
75      </section>
76      <hr>
77      <section>
78      <h4>Want to know more ?</h4>
79      <h5>Then go through the following links!!!!!!!!!!!!!!</h5>
80      <ol>
81      <li><a href="https://www.snapperbuzz.com/the-future-of-decision-making-voting-with-blockchain/">SnapperBuzz_Blog</a></li>
82      <li><a href="https://medium.com/swlh/blockchain-the-future-of-voting-674d76c05a42">Medium_Blog</a></li>
83      <li><a href="https://www.researchgate.net/publication/338581617_Blockchain-based_Secure_Reliable_and_Distributed_Voting_System_for_Deci
84      <li><a href="https://blogs.oracle.com/blockchain/the-future-of-decision-making-voting-with-blockchain">Oracle_Blog</a></li>
85      </ol>
86      </section>
87      <hr>
88      <footer><hr>
89      <address>
90      Address:<br>
91      Sudhanshu Pusadkar<br>
92      Jalgaon,
93      Maharashtra, India.<br>
94      425001<br>
95      Contact : s16102000@gmail.com <br>
96      </address>
97      </footer>
98      </body>
99      </html>
100

index.html 0 0 0 0 6620
CRLF UTF-8 HTML GitHub Git (0) 2 updates
```



Github link:

<https://github.com/sudhanshu457/2018BTECS00089.git>