

EVP-UV UNTUK PEMUNGUTAN SUARA SECARA ELEKTRONIK BERBASIS UNIVERSAL VERIFIABILITY.pdf

by

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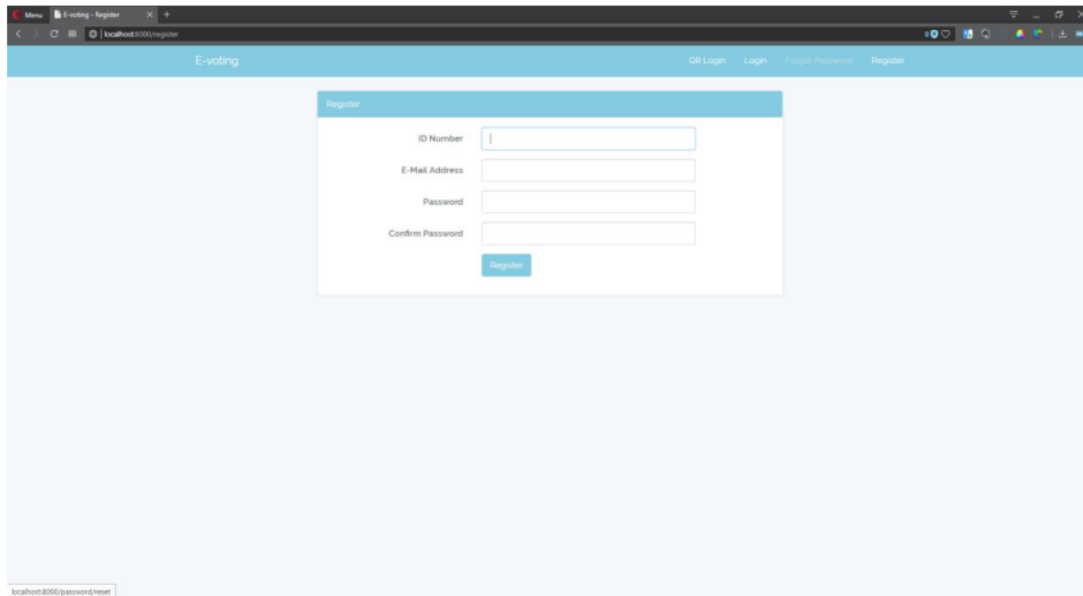
MANUAL BOOK

PANDUAN PENGGUNAAN APLIKASI

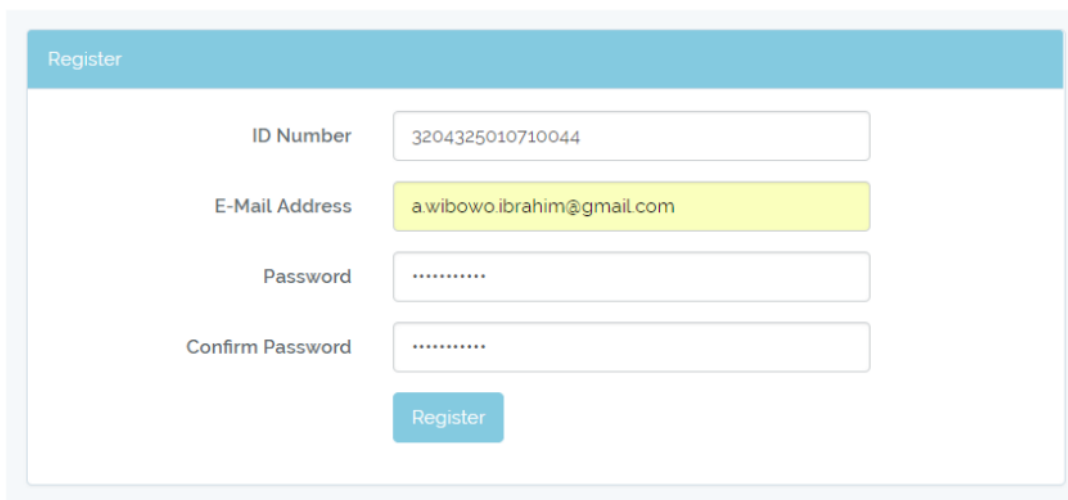
***EVP-UV:
ELECTRONIC
VOTING
PERSISTENT-
UNIVERSAL
VERIFIABILITY***

REGISTRASI PEMILIH

Registrasi pemilih dapat diakses dengan mengakses link: <http://localhost:8000/register> , atau dengan klik tombol **REGISTER** di halaman depan aplikasi.



Didalam halaman registrasi, pemilih dapat mengisi no. identitas, alamat email, dan password. Lalu klik tombol **Register** untuk menyimpan data-data tersebut

A screenshot of the 'E-voting Register' page, similar to the previous one, but with the input fields filled with data. The 'ID Number' field contains '3204325010710044'. The 'E-Mail Address' field contains 'a.wibowo.ibrahim@gmail.com' and is highlighted in yellow. The 'Password' and 'Confirm Password' fields contain seven dots. A blue 'Register' button is located at the bottom of the form.

Apabila nomor identitas terdaftar sebagai pemilih yang sah, maka data akan disimpan ke database. Lalu pengguna akan mendapatkan email berisi QR Code yang dapat digunakan untuk melakukan login dengan QR Code.

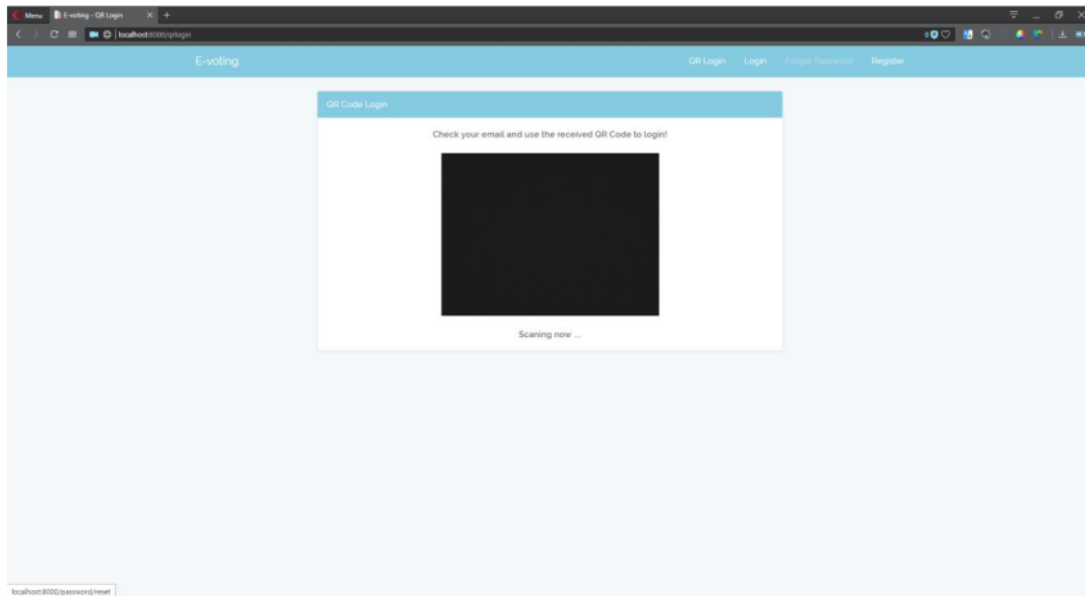


Apabila nomor identitas tidak terdaftar sebagai pemilih yang sah, maka akan muncul pesan bahwa nomor identitas tidak valid.

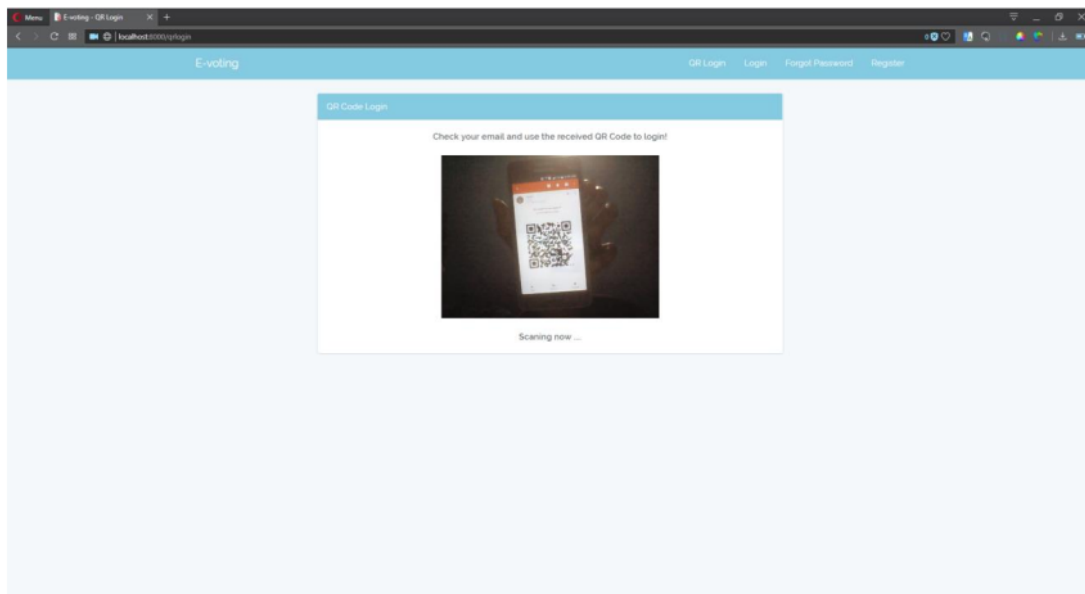
A registration form titled 'Register' with the following fields: 'ID Number' (containing '3204325010711111'), 'E-Mail Address' (containing 'a.wibowo.ibrahim@gmail.com'), 'Password', and 'Confirm Password'. A red error message 'The selected id number is invalid.' is displayed below the ID Number field. A blue 'Register' button is at the bottom.

LOGIN MENGGUNAKAN QR CODE

Halaman login menggunakan QR Code dapat diakses dengan link: <http://localhost:8000/qrlogin> , atau dengan klik tombol **QR LOGIN** di halaman depan aplikasi.

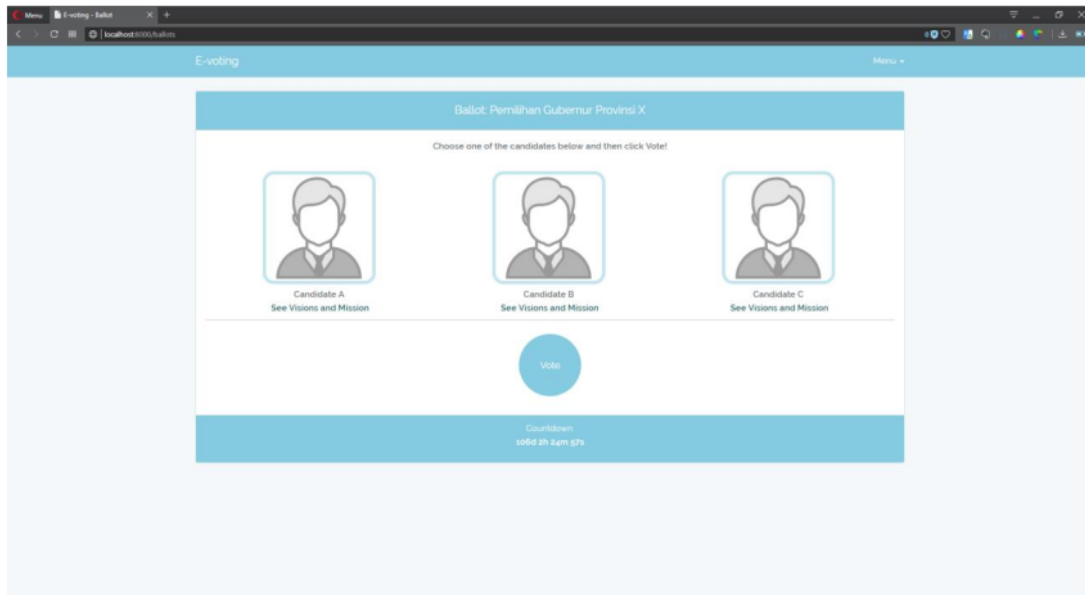



Pengguna dapat menampilkan QR Code dengan menunjukkan QR Code yang sudah diterima ke depan kamera.

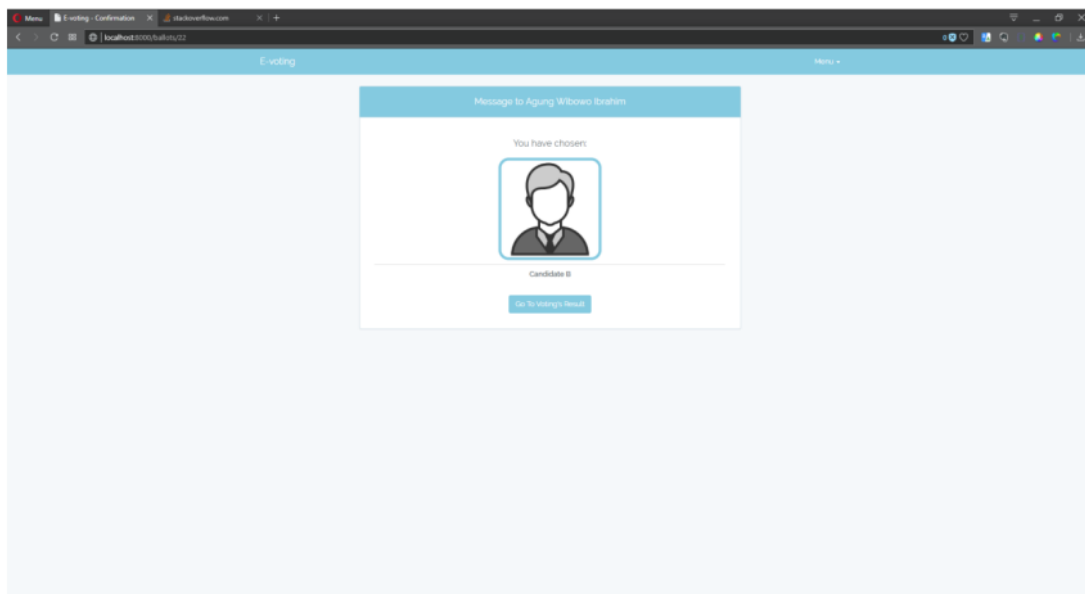


MELAKUKAN PEMILIHAN

Halaman ballot dapat diakses setelah pemilih melakukan login menggunakan QR Code.



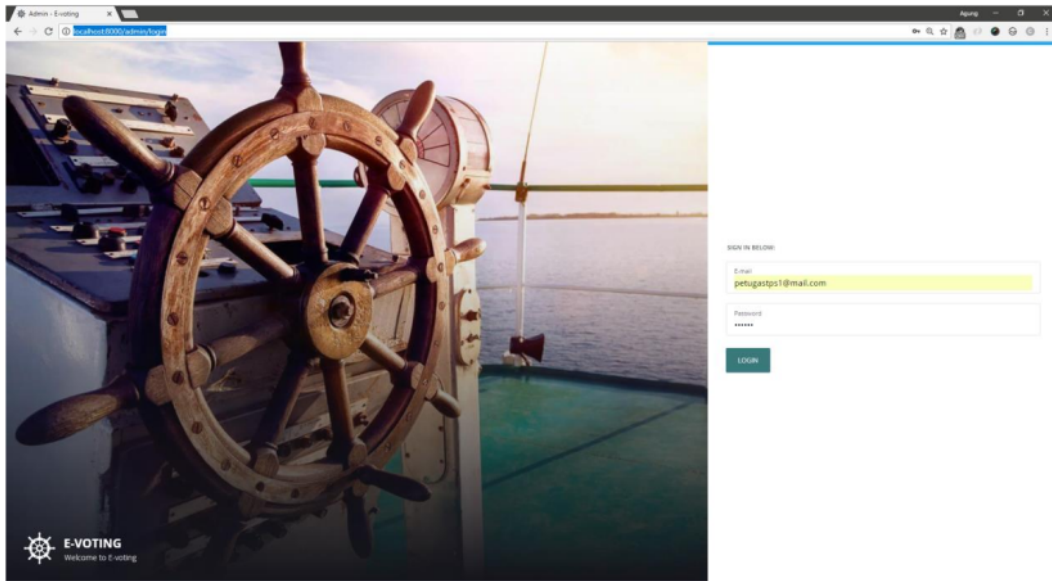
Pemilih dapat memilih salah satu kandidat lalu klik tombol  untuk menyimpan ballot. Apabila ballot berhasil disimpan, maka pemilih akan dialihkan ke halaman konfirmasi pemilihan.



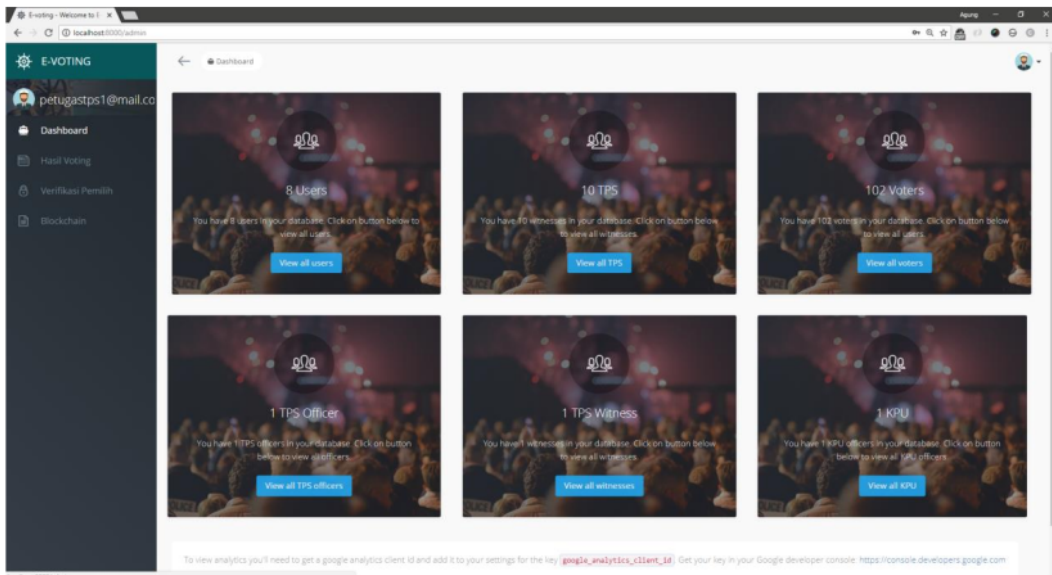
TATA CARA PENGGUNAAN APLIKASI SEBAGAI SAKSI

LOGIN


Untuk melakukan login sebagai saksi, dapat diakses dengan link: <http://localhost:8000/admin/login>. saksi dapat mengisi alamat email dan password yang sudah terdaftar.

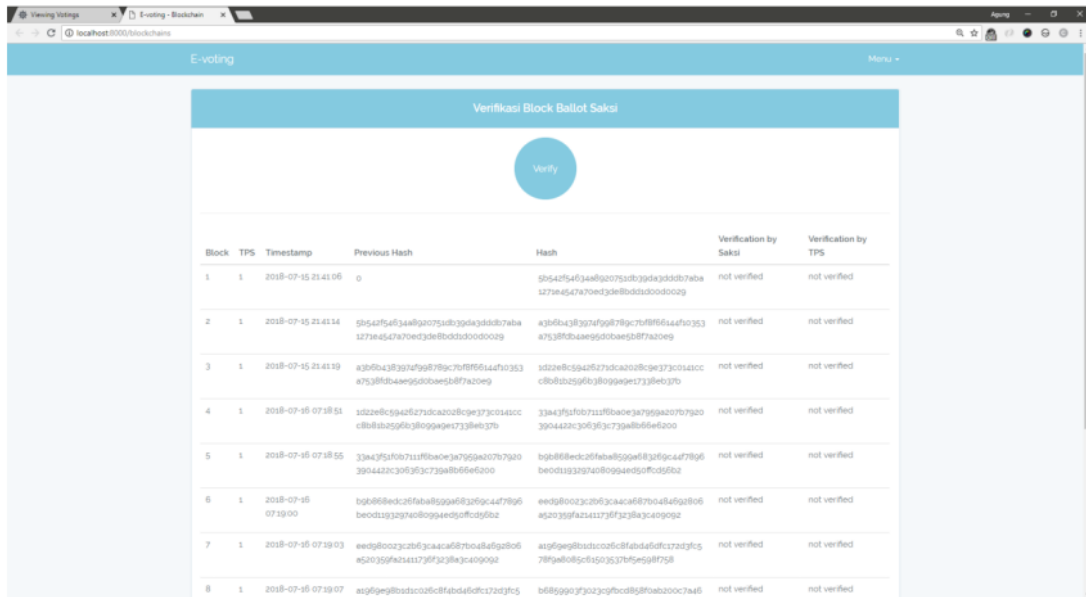


Apabila login berhasil, saksi akan dialihkan ke halaman dashboard.



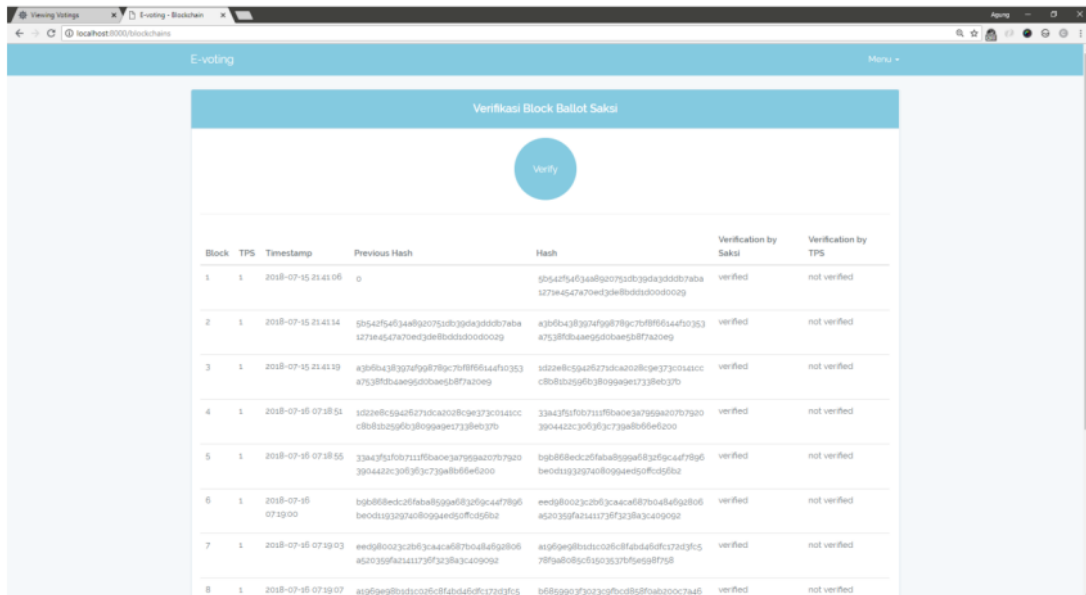
VERIFIKASI BLOCK BALLOT

Untuk mengakses halaman verifikasi block ballot, saksi dapat melakukannya dengan klik menu  Verifikasi Block Ballot.



Block	TPS	Timestamp	Previous Hash	Hash	Verification by Saksi	Verification by TPS
1	1	2018-07-15 21:41:06	0	5b542f54634a892075db39da3dddb7aba1279e4547a70ed3de8bd3d0000029	not verified	not verified
2	1	2018-07-15 21:41:14	5b542f54634a892075db39da3dddb7aba1279e4547a70ed3de8bd3d0000029	a3b6b438397f998789c7b78f6544f0353a7538f8bae95d0bae9b87a20e9	not verified	not verified
3	1	2018-07-15 21:41:19	a3b6b438397f998789c7b78f6544f0353a7538f8bae95d0bae9b87a20e9	1d22e8c5942f271dca2028c9e373c0141cc8b8b2596b38099a9e17338e37b	not verified	not verified
4	1	2018-07-15 07:18:51	1d22e8c5942f271dca2028c9e373c0141cc8b8b2596b38099a9e17338e37b	33a43f1f0b711fba0e3a7999a207b7920390442c306363c739a8b66e6200	not verified	not verified
5	1	2018-07-15 07:18:55	33a43f1f0b711fba0e3a7999a207b7920390442c306363c739a8b66e6200	b9b868ecd2dfaba899a683269c44f7896be0d193297408099a4e50fc056b2	not verified	not verified
6	1	2018-07-15 07:19:00	b9b868ecd2dfaba899a683269c44f7896be0d193297408099a4e50fc056b2	ee1980023c2b03ca4ca6870a484692806a520359f421173f32383ca4909a2	not verified	not verified
7	1	2018-07-15 07:19:03	ee1980023c2b03ca4ca6870a484692806a520359f421173f32383ca4909a2	a1969e9b18c026c8f4bd46dfc172d3f0578f9a8085c51903537b5e98f758	not verified	not verified
8	1	2018-07-15 07:19:07	a1969e9b18c026c8f4bd46dfc172d3f0578f9a8085c51903537b5e98f758	b688990373023c9fbc889f0ab200c7a46	not verified	not verified

Untuk melakukan verifikasi block ballot, klik tombol . Apabila verifikasi berhasil, maka aplikasi akan menampilkan bahwa block sudah diverifikasi oleh saksi.



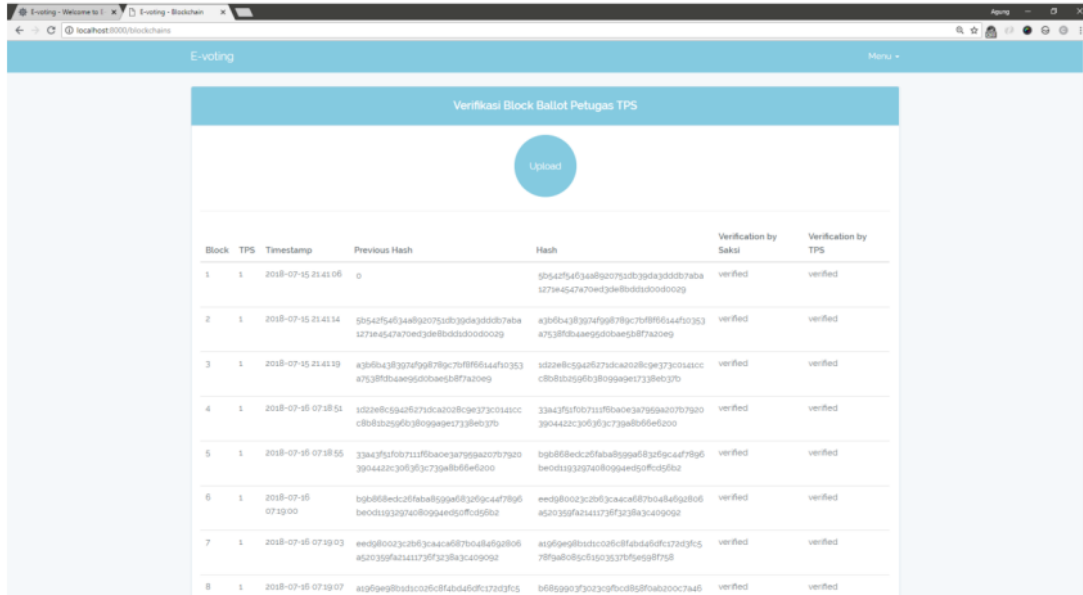
Block	TPS	Timestamp	Previous Hash	Hash	Verification by Saksi	Verification by TPS
1	1	2018-07-15 21:41:06	0	5b542f54634a892075db39da3dddb7aba1279e4547a70ed3de8bd3d0000029	verified	not verified
2	1	2018-07-15 21:41:14	5b542f54634a892075db39da3dddb7aba1279e4547a70ed3de8bd3d0000029	a3b6b438397f998789c7b78f6544f0353a7538f8bae95d0bae9b87a20e9	verified	not verified
3	1	2018-07-15 21:41:19	a3b6b438397f998789c7b78f6544f0353a7538f8bae95d0bae9b87a20e9	1d22e8c5942f271dca2028c9e373c0141cc8b8b2596b38099a9e17338e37b	verified	not verified
4	1	2018-07-15 07:18:51	1d22e8c5942f271dca2028c9e373c0141cc8b8b2596b38099a9e17338e37b	33a43f1f0b711fba0e3a7999a207b7920390442c306363c739a8b66e6200	verified	not verified
5	1	2018-07-15 07:18:55	33a43f1f0b711fba0e3a7999a207b7920390442c306363c739a8b66e6200	b9b868ecd2dfaba899a683269c44f7896be0d193297408099a4e50fc056b2	verified	not verified
6	1	2018-07-15 07:19:00	b9b868ecd2dfaba899a683269c44f7896be0d193297408099a4e50fc056b2	ee1980023c2b03ca4ca6870a484692806a520359f421173f32383ca4909a2	verified	not verified
7	1	2018-07-15 07:19:03	ee1980023c2b03ca4ca6870a484692806a520359f421173f32383ca4909a2	a1969e9b18c026c8f4bd46dfc172d3f0578f9a8085c51903537b5e98f758	verified	not verified
8	1	2018-07-15 07:19:07	a1969e9b18c026c8f4bd46dfc172d3f0578f9a8085c51903537b5e98f758	b688990373023c9fbc889f0ab200c7a46	verified	not verified

UPLOAD BLOCK BALLOT

Petugas TPS dapat melakukan upload block ballot apabila block sudah di verifikasi oleh saksi dan Petugas TPS. Petugas TPS dapat melakukan upload block ke database KPU

dengan menekan tombol

beolqJ



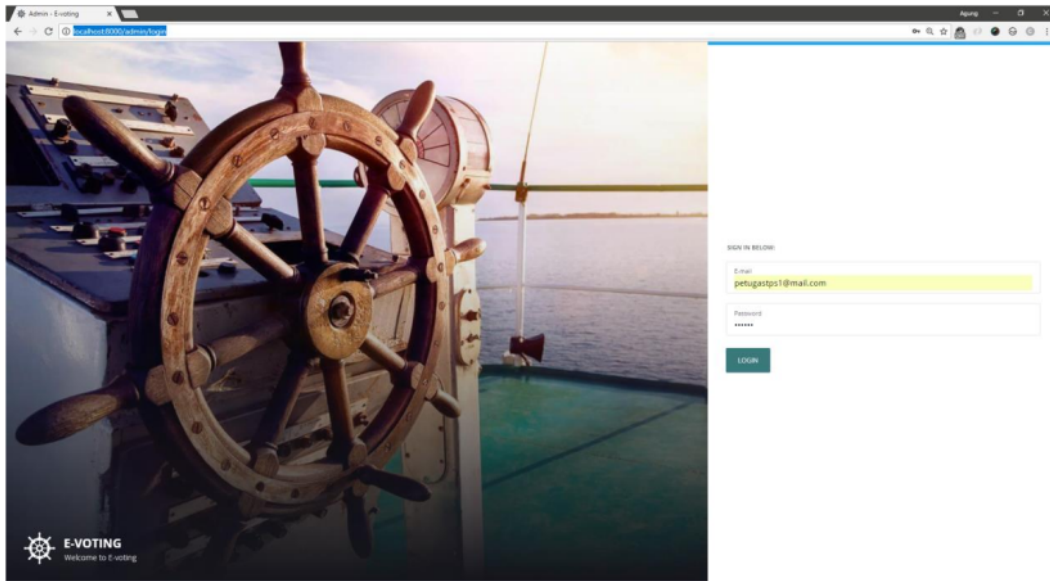
The screenshot shows a web browser window with the URL 'localhost:8000/blockchain'. The page title is 'E-voting' and the main heading is 'Verifikasi Block Ballot Petugas TPS'. A blue circular button labeled 'Upload' is centered on the page. Below the heading is a table with the following columns: Block, TPS, Timestamp, Previous Hash, Hash, Verification by Saksi, and Verification by TPS. The table contains 8 rows of data, each representing a verified block.

Block	TPS	Timestamp	Previous Hash	Hash	Verification by Saksi	Verification by TPS
1	1	2018-07-15 21:41:06	0	5b542f5463448920751db39d43d5db7aba1271e4547a70ed3d8b8dd3d00d0029	verified	verified
2	1	2018-07-15 21:41:14	5b542f5463448920751db39d43d5db7aba1271e4547a70ed3d8b8dd3d00d0029	a3b6b4383974f998789c76f8f6144f0353a7538f8bae95d0bae5b87a20e9	verified	verified
3	1	2018-07-15 21:41:19	a3b6b4383974f998789c76f8f6144f0353a7538f8bae95d0bae5b87a20e9	1d22e8c594f627dca2028ce9373c05443cc8b8b2a956b38099a9e171394b37b	verified	verified
4	1	2018-07-15 07:18:51	1d22e8c594f627dca2028ce9373c05443cc8b8b2a956b38099a9e171394b37b	33a43f1b10711f8ba0e3a7959a007b7920390442c3063f3c739a8b66e6200	verified	verified
5	1	2018-07-15 07:18:55	33a43f1b10711f8ba0e3a7959a007b7920390442c3063f3c739a8b66e6200	b9b8f8edc25faba899af832f69c4f7896be0d1193974080994e450fcd956a2	verified	verified
6	1	2018-07-15 07:19:00	b9b8f8edc25faba899af832f69c4f7896be0d1193974080994e450fcd956a2	eed980023c2b63ca4ca687b0484f92806a50359f4214173f32383ca09092	verified	verified
7	1	2018-07-15 07:19:03	eed980023c2b63ca4ca687b0484f92806a50359f4214173f32383ca09092	a1969e9f8bdcc026c8f4bd46dfc172d3fc578f9a8083c5f503537b5e9987758	verified	verified
8	1	2018-07-15 07:19:07	a1969e9f8bdcc026c8f4bd46dfc172d3fc578f9a8083c5f503537b5e9987758	b689990737023c9fbc89f0ab200c7446	verified	verified

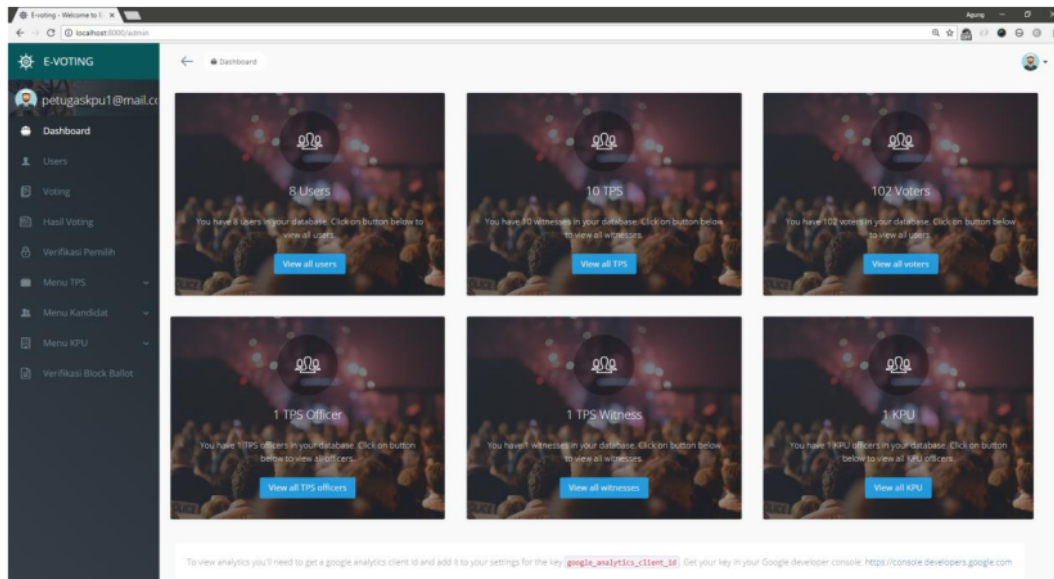
TATA CARA PENGGUNAAN APLIKASI SEBAGAI PETUGAS KPU

LOGIN

Untuk melakukan login sebagai Petugas KPU, dapat diakses dengan link: <http://localhost:8000/admin/login>. Petugas KPU dapat mengisi alamat email dan password yang sudah terdaftar.

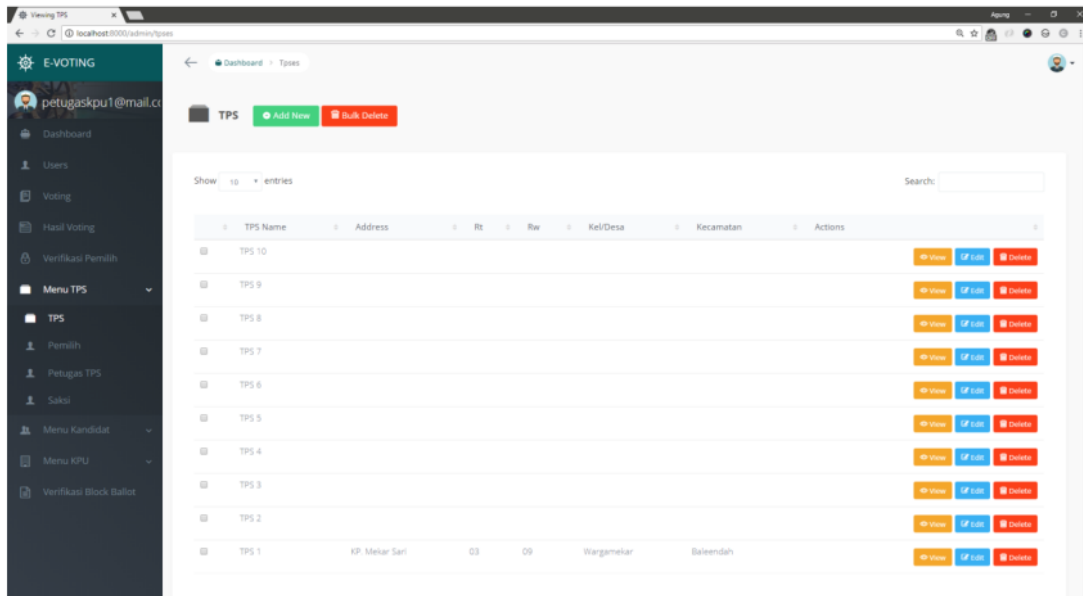
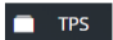


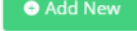
Apabila login berhasil, Petugas KPU akan dialihkan ke halaman dashboard.

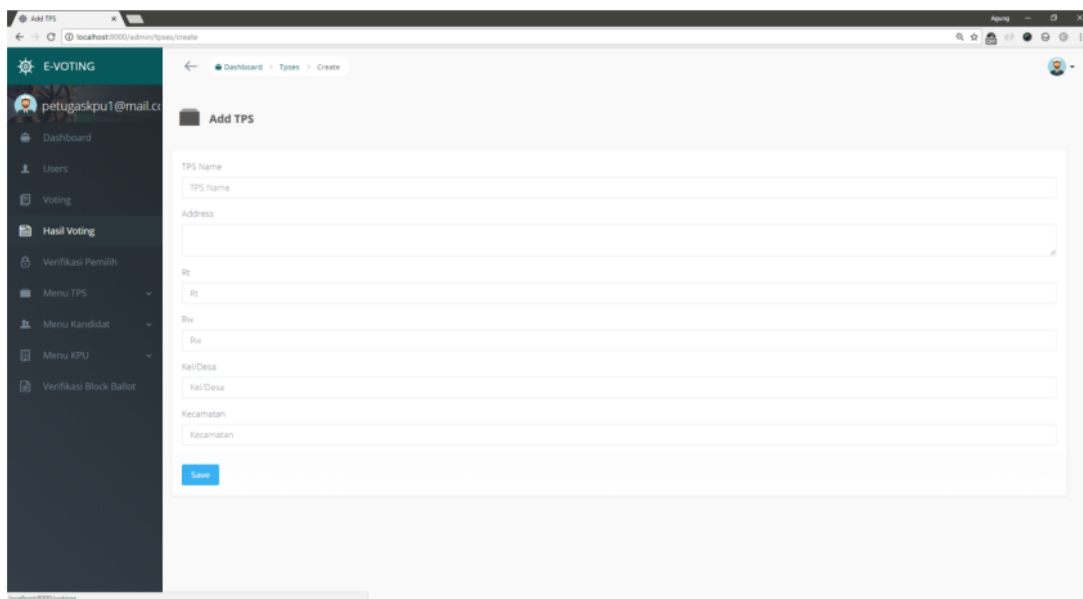


MANAJEMEN TPS

Petugas KPU dapat mengakses halaman manajemen pengguna dengan klik menu



Untuk menambah TPS baru, klik tombol . Lalu Petugas KPU akan dialihkan ke halaman tambah TPS baru.



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