

# USER INTERFACE

For

*The Parliamentary voting system*

*Simulate/operate a simplified election workflow: registration, polling, counting (including PR allocation), preference counting, and results.*

# MAIN MENU

=====

Welcome to Sri Lanka Parliament  
Voting System 2025

=====

- [1] Admin Control Panel
- [2] Voter Registration
- [3] Candidate Registration
- [4] Vote Casting (Polling)
- [5] View Nominations List
- [6] Results & Publications
- [0] Exit System

-----  
Enter your choice: \_

# ADMIN PANEL

=====

ADMIN CONTROL PANEL - 2025

=====

- [1] Returning Officer (RO)
- [2] Election Admin
- [3] Presiding Officer (PO)
- [4] Party Agent / Observer
- [0] Back to Main Menu

-----  
Enter your choice: \_

# RETURNING OFFICER LOGIN

=====  
RETURNING OFFICER LOGIN  
=====

Please enter your credentials:

Username: ro5615

Password: \*\*\*\*\*

[System] Authenticating...

[System] Login successful!

-----  
Redirecting to RO Main Menu...

# RETURNING OFFICER MAIN MENU

=====  
RETURNING OFFICER (RO) CONTROL PANEL  
=====

- [1] Accept Nomination List
- [2] District Result Generation
- [3] Nomination Review & Approval
- [4] Result View and Publication
- [0] Back to Admin Panel

-----  
Enter your choice: \_

## RO Nomination List view

=====  
ACCEPT NOMINATION LIST - BY PARTY  
=====

[ Party: United People's Party (UPP) ]  
- Candidate 01: A. Perera (Colombo)  
- Candidate 02: S. Silva (Colombo)  
- Candidate 03: K. Fernando (Colombo)

[ Party: National People's Power (NPP) ]  
- Candidate 01: R. Jayasuriya (Gampaha)  
- Candidate 02: D. Kumara (Gampaha)

[ Party: Freedom Alliance (FA) ]  
- Candidate 01: M. Gunasekara (Kandy)  
- Candidate 02: H. Wijesinghe (Kandy)

-----  
Options:

[0] Back to RO Menu

-----  
Enter your choice: \_

## RO DISTRICT RESULT GENERATION

### DISTRICT RESULT GENERATION & PUBLICATION

Step 1: Polling Status  
-> All stations: CLOSED

Step 2: Final Counting - All Districts

> run\_final\_results *Secret key to generate this*

[System] Starting final counting...  
- Colombo ..... Processing [OK] -> results\_colombo.txt  
- Gampaha ..... Processing [OK] -> results\_gampaha.txt  
- Galle ..... Processing [OK] -> results\_galle.txt  
- Matara ..... Processing [OK] -> results\_matara.txt

Done....

Options:

[0] Back to RO Menu

Enter your choice: \_

## RO NOMINATION REVIEW & APPROVAL

### NOMINATION REVIEW & APPROVAL

[System] Nominations submitted by Party Agents:

[1] United People's Party (UPP) -> 12 Candidates  
[2] National People's Power (NPP) -> 10 Candidates  
[3] Freedom Alliance (FA) -> 08 Candidates  
[4] Democratic Front (DF) -> 07 Candidates

Options:

Select a Party [1-4]

[0] Back to RO Menu

Enter your choice: \_

## RO REVIEW NOMINATIONS

=====  
REVIEW NOMINATIONS – NPP  
=====

Party: National People's Power (NPP)

Submitted by: Agent R. Jayasuriya

District: Gampaha

Candidates:

No.	Candidate Name	NIC Number	Candidate No.	Age	District
[01]	S. Perera	921234567V	NPP-101	33	Gampaha
[02]	K. Kumara	901112345V	NPP-102	35	Gampaha
[03]	H. Silva	881245678V	NPP-103	37	Gampaha
[04]	M. Fernando	951122334V	NPP-104	30	Gampaha
[05]	D. Wijesinghe	930987654V	NPP-105	32	Gampaha
[06]	L. Jayawardena	941122334V	NPP-106	31	Gampaha
[07]	R. Abeysekara	890112233V	NPP-107	36	Gampaha
[08]	P. Bandara	920998877V	NPP-108	34	Gampaha
[09]	W. Karunaratne	950223344V	NPP-109	29	Gampaha
[10]	J. Senanayake	880112244V	NPP-110	38	Gampaha

Actions:

- [1] Approve Nomination List
- [2] Disapprove Nomination List
- [0] Back to Party Selection

Enter your choice: \_

## RO PUBLICATION MAIN MENU

=====  
RETURNING OFFICER – PUBLISH NOMINATIONS  
=====

[System] Approved nomination lists ready for publication:

- [1] United People's Party (UPP)      -> Approved, Not Published
- [2] National People's Power (NPP)      -> Approved, Not Published
- [3] Freedom Alliance (FA)      -> Approved, Not Published
- [4] Democratic Front (DF)      -> Pending Review

Options:

Select Party to Review & Publish [1-4]

[0] Back to RO Menu

Enter your choice: \_

## RO PUBLISH PARTY LIST

=====  
PUBLISH NOMINATION LIST – NATIONAL PEOPLE'S POWER  
=====

District: Gampaha  
Party Agent: R. Jayasuriya

Candidates:

No.	Candidate Name	NIC Number	Candidate No.	Age	District
[01]	S. Perera	921234567V	NPP-101	33	Gampaha
[02]	K. Kumara	901112345V	NPP-102	35	Gampaha
[03]	H. Silva	881245678V	NPP-103	37	Gampaha
[04]	M. Fernando	951122334V	NPP-104	30	Gampaha
[05]	D. Wijesinghe	930987654V	NPP-105	32	Gampaha
[06]	L. Jayawardena	941122334V	NPP-106	31	Gampaha
[07]	R. Abeysekara	890112233V	NPP-107	36	Gampaha
[08]	P. Bandara	920998877V	NPP-108	34	Gampaha
[09]	W. Karunaratne	950223344V	NPP-109	29	Gampaha
[10]	J. Senanayake	880112244V	NPP-110	38	Gampaha

Actions:

- [1] Publish This Nomination List
- [2] Reject (Send Back to Party Agent)
- [0] Back to Party Selection

Enter your choice: 1

## RO PUBLIC NOMINATION LIST

=====  
PUBLIC NOMINATION LIST VIEWER  
=====

Approved Nominations are available party-wise:

- [1] United People's Party (UPP)
- [2] National People's Power (NPP)
- [3] Freedom Alliance (FA)

Options:

- Select a Party [1-3]
- [0] Back to Main Menu

Enter your choice: 2

# RO INSIDE PUBLIC NOMINATION LIST

=====  
NOMINATION LIST – NATIONAL PEOPLE'S POWER  
=====

District: Gampaha

Approved by: Returning Officer

Publication Status: ACTIVE

No.	Candidate Name	NIC Number	Candidate No.	Age	District
[01]	S. Perera	921234567V	NPP-101	33	Gampaha
[02]	K. Kumara	901112345V	NPP-102	35	Gampaha
[03]	H. Silva	881245678V	NPP-103	37	Gampaha
[04]	M. Fernando	951122334V	NPP-104	30	Gampaha
[05]	D. Wijesinghe	930987654V	NPP-105	32	Gampaha
[06]	L. Jayawardena	941122334V	NPP-106	31	Gampaha
[07]	R. Abeysekara	890112233V	NPP-107	36	Gampaha
[08]	P. Bandara	920998877V	NPP-108	34	Gampaha
[09]	W. Karunaratne	950223344V	NPP-109	29	Gampaha
[10]	J. Senanayake	880112244V	NPP-110	38	Gampaha

[0] Back to Party Selection

## ELECTION ADMIN LOGIN

```
=====  
ELECTION ADMIN LOGIN  
=====
```

Please enter your credentials:

Username: ea2025  
Password: \*\*\*\*\*

[System] Authenticating...  
[System] Login successful!

```
-----  
Redirecting to Election Admin Panel...
```

## ELECTION ADMIN PANEL

```
=====  
ELECTION ADMIN PANEL  
=====
```

[1] District Registration  
[2] Party Registration  
[3] Final Result Declaration  
[0] Back to Admin Control Panel

```
-----  
Enter your choice: _
```

## DISTRICT REGISTRATION

```
=====  
DISTRICT REGISTRATION  
=====
```

[1] Add New District  
[2] Display All Districts  
[0] Back to Election Admin Panel

```
-----  
Enter your choice: _
```

## ADD NEW DISTRICT

```
=====  
ADD NEW DISTRICT  
=====
```

Enter District Name : Colombo  
Enter District Code : D01  
Enter Number of Seats: 19

[System] District successfully registered.

```
-----  
Redirecting to District Registration Menu...
```

# REGISTERED DISTRICTS

## REGISTERED DISTRICTS

District Code	District Name	Seats
D01	Colombo	19
D02	Gampaha	18
D03	Kandy	12

Total Districts Registered: 3

# PARTY REGISTRATION

## PARTY REGISTRATION

- [1] Add New Party
- [2] Display Registered Parties
- [0] Back to Election Admin Panel

Enter your choice: \_

# ADD NEW PARTY

## ADD NEW PARTY

Enter Party Code : NPP01  
 Enter Party Name : National People's Power  
 Enter Party Symbol: symbol 1  
 [System] Party successfully registered.

Redirecting to Party Registration Menu...

# REGISTERED PARTIES

## REGISTERED PARTIES

Party Code	Party Name	Symbol
NPP01	National People's Power	symbol 1
UNP02	United National Party	symbol 1
SLFP03	Sri Lanka Freedom Party	symbol 1

Total Parties Registered: 3

# FINAL RESULT DECLARATION

## FINAL RESULT DECLARATION

- [1] Collect District Results
- [2] Generate Final Result Summary
- [0] Back to Election Admin Panel

Enter your choice: \_

# FINAL RESULT SUMMARY – 2025

## FINAL RESULT SUMMARY – 2025

Party Code	Party Name	Total Seats
NPP	National People's Power	120
UNP	United National Party	65
SLFP	Sri Lanka Freedom Party	35
JVP	Janatha Vimukthi Peramuna	10
Others	Independent / Small Groups	5

Total Parliamentary Seats: 235

Winner → National People's Power (NPP)

# PRESIDING OFFICER LOGIN

```
=====  
PRESIDING OFFICER LOGIN  
=====
```

Please enter your credentials:

Username: po2025  
Password: \*\*\*\*\*

[System] Authenticating...  
[System] Login successful!

```
-----  
Redirecting to Presiding Officer Panel...
```

# PRESIDING OFFICER PANEL

```
=====  
PRESIDING OFFICER PANEL  
=====
```

[1] Open Polling  
[2] Close Polling  
[0] Back to Admin Control Panel

```
-----  
Enter your choice: _
```

## PO - OPEN POLLING

```
=====  
OPEN POLLING  
=====
```

Confirm action: Do you want to OPEN polling?

[1] Yes – Open Polling  
[2] No – Cancel and Return

```
-----  
Enter your choice: _
```

## PO - CLOSE POLLING

```
=====  
CLOSE POLLING  
=====
```

Confirm action: Do you want to CLOSE polling?

[1] Yes – Close Polling  
[2] No – Cancel and Return

```
-----  
Enter your choice: _
```

## PARTY ADMIN LOGIN

```
=====  
PARTY ADMIN LOGIN  
=====
```

Please enter your credentials:

Username: adminP001

Password: \*\*\*\*\*

[System] Authenticating...

[System] Login successful!

```
-----  
Redirecting to Party Admin Main Menu...
```

## PARTY ADMIN CONTROL PANEL

```
=====  
PARTY ADMIN CONTROL PANEL  
=====
```

[1] Submit Nomination List to RO

[0] Logout

```
-----  
Enter your choice: _
```

## SUBMIT NOMINATION LIST

```
=====  
SUBMIT NOMINATION LIST  
=====
```

Enter Party Code : P123

Enter Party Name : Unity National Party

Enter Candidate Name : Mr. A. Perera

Enter Candidate Code : C001

Enter District Code : D012

Enter NIC Number : 199052315678

Enter Date of Birth : 1990-05-23

Add another candidate? (Y/N): Y

Enter Candidate Name : Ms. B. Silva

Enter Candidate Code : C002

Enter District Code : D012

Enter NIC Number : 198812312345

Enter Date of Birth : 1988-12-31

Add another candidate? (Y/N): N

Confirm Submission? (Y/N): Y

[System] Saving nomination list...

[System] Nomination list successfully submitted to RO!

```
-----  
Redirecting to Party Admin Menu...
```

## SUBMIT NOMINATION LIST

```
=====
          VOTER REGISTRATION
=====
Enter NIC Number      : 199052315678
Enter Full Name       : Mr. A. Perera
Enter Age              : 34
Citizenship (Y/N)     : Y
Create Password        : *****
Enter District Code    : D012
-----
[ System] Saving voter record...
[ System] Registration successful!
-----
Redirecting to Main Menu...
```

## CANDIDATE REGISTRATION

```
=====
          CANDIDATE REGISTRATION
=====
Enter NIC Number      : 199012345678
Enter Candidate Name   : Ms. B. Silva
Enter Age              : 35
Citizenship (Y/N)     : Y
Create Password        : *****
Enter District Code    : D012
Enter Party Code       : P123
-----
[ System] Saving candidate record...
[ System] Candidate registration successful!
-----
Redirecting to Main Menu...
```

## POLLING LOGIN

```
=====  
          POLLING LOGIN  
=====  
Enter NIC Number : 199052315678  
Enter Password   : *****  
-----  
[System] Authenticating voter...  
[System] Login successful!  
-----  
Redirecting to Voting Panel...
```

## VOTING CASTING

```
=====  
          VOTING CASTING  
=====  
Select Your District: D012  
-----  
Available Parties:  
[1] P123 - Unity National Party  
[2] P456 - People's Freedom Front  
[3] P789 - National People's Alliance  
-----  
Enter Party Code: P123  
-----  
Available Candidates in P123 (District D012):  
[1] C001 - Mr. A. Perera  
[2] C002 - Ms. B. Silva  
[3] C003 - Mr. R. Fernando  
[4] C004 - Ms. D. Kumari  
-----  
You may vote for up to 3 candidates in this party.  
Enter Candidate Codes (separated by commas): C001,C002,C004  
-----  
Confirm Vote for:  
- Mr. A. Perera (C001)  
- Ms. B. Silva (C002)  
- Ms. D. Kumari (C004)  
(Y/N): Y  
  
[System] Vote successfully cast!  
[System] Thank you for voting.  
-----  
Redirecting to Main Menu...
```

# PUBLIC NOMINATION LIST – 2025

=====

PUBLIC NOMINATION LIST – 2025

=====

Available Parties:

- [1] P123 - Unity National Party
- [2] P456 - People's Freedom Front
- [3] P789 - National People's Alliance
- [0] Back to Main Menu

-----  
Enter Party Code to View Candidates: P123  
-----

NOMINATION LIST – UNITY NATIONAL PARTY (P123)

Candidate Name	Candidate Code	NIC	District	District Code
Mr. A. Perera	C001	199052312345	Colombo	D001
Ms. B. Silva	C002	199083456789	Colombo	D001
Mr. R. Fernando	C003	199061198765	Gampaha	D002
Ms. D. Kumari	C004	199095432167	Gampaha	D002

-----  
Press [Enter] to return to Party Selection...

## Election Results Menu - 2025

=====

Election Results Menu – 2025

=====

Available Districts:

- [1] District-wise Results
- [2] Party Detail View
- [3] rejected party
- [0] Back to Main Menu

-----

Enter District Code to View Results: D001

-----

## ELECTION RESULTS – 2025

=====

ELECTION RESULTS – 2025

=====

Available Districts:

- [1] D001 - Colombo
- [2] D002 - Gampaha
- [3] D003 - Kandy
- [0] Back to Main Menu

-----

Enter District Code to View Results: D001

-----

ELECTION RESULTS – DISTRICT COLOMBO (D001)

-----

Party Code	Party Name	Total Votes	Seats Won
P123	Unity National Party	105,450	6
P456	People's Freedom Front	89,320	5
P789	National People's Alliance	42,150	2

-----

Bonus Seat Awarded to: P123 - Unity National Party

-----

-----

Press [Enter] to return to District Selection...

# UNITY NATIONAL PARTY (P123) – ELECTED MPs

=====

UNITY NATIONAL PARTY (P123) – ELECTED MPs

=====

DISTRICT: Colombo (D001) – Seats Won: 6

Candidate Name	Candidate Code	Preference Votes	Status
Mr. A. Perera	C001	25,430	Elected
Ms. B. Silva	C002	23,120	Elected
Mr. R. Fernando	C003	19,870	Elected
Ms. D. Kumari	C004	18,530	Elected
Mr. L. Jayasinghe	C005	17,990	Elected
Mr. K. Wickrama	C006	16,750	Elected

DISTRICT: Gampaha (D002) – Seats Won: 5

Candidate Name	Candidate Code	Preference Votes	Status
Ms. S. Fernando	C021	22,300	Elected
Mr. J. Silva	C022	21,880	Elected
Mr. T. Perera	C023	19,670	Elected
Mr. D. Bandara	C024	18,540	Elected
Ms. W. Kumari	C025	16,930	Elected

Press [Enter] to return to Party Summary...

# END