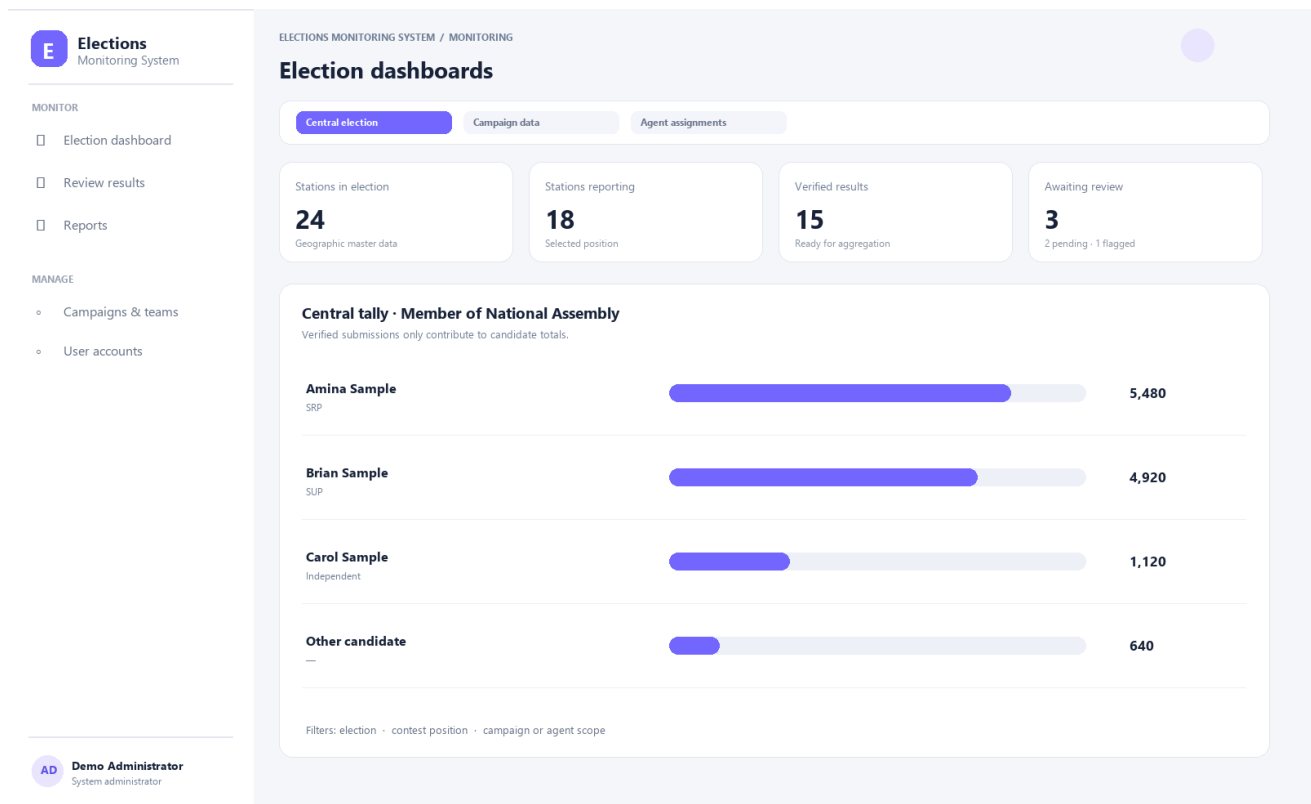


Stakeholder Proposal

Proposal for candidates and election stakeholders

Election field reporting and results oversight

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Illustrative interface preview based on the current system workflow

A practical election operations workspace

A role-based web system for election preparation, field result capture, review, and verified reporting. This document describes the current application and a proposed path to operational deployment.

Executive summary

We propose using the Elections Monitoring System as a shared operational workspace for preparing an election, coordinating authorized field teams, recording polling-station results, reviewing submissions, and producing reports from verified records. It is designed to help candidates, campaign teams, and election stakeholders see what has been submitted, what needs attention, and what has passed review.

The current application is a browser-based Laravel and Livewire system. Its implemented workflows include election geography setup, candidate and campaign configuration, agent assignments, result submission with supporting evidence, review and locking, and filtered CSV, Excel, and PDF reports. Access is separated by system and campaign roles. A responsive interface supports desktop and mobile browsers.

Decision requested

Agree a pilot election, confirm the operating roles and review rules, nominate data owners, and authorize a controlled user acceptance exercise before any live election use.

The operating challenge

Election teams work across many locations and roles. When field reports, supporting forms, review notes, and summary figures are handled in disconnected tools, it becomes harder to find missing submissions, investigate differences, and explain where a number came from. The proposed system brings these tasks into one permission-aware workflow while preserving the distinction between submitted data and reviewed results.

What stakeholders gain

- A common view of election setup, polling-station coverage, and result review progress.
- Faster collection of station-level figures from assigned agents with an attached source form.
- A recorded review process with discrepancy checks, reviewer notes, and locked verified records.
- Reports that can be filtered by election, contest, candidate, and geography, then downloaded in common formats.
- Role-based accounts so users see the workspace and actions relevant to their assignment.

How the system supports election operations

The workflow starts with structured master data and moves through field collection to review and reporting. The same election, contest, and geographic records connect the stages, reducing duplicate entry and making each report traceable to its underlying submissions.

Stage	System workflow	Operational result
1 • Prepare	Set up election, positions, parties, candidates, counties, constituencies, wards, centres, and polling stations.	A consistent reference structure for teams and reports.
2 • Assign	Invite users, grant system or campaign roles, and assign agents to polling stations.	Users receive access aligned to their responsibility.
3 • Collect	Agents enter station figures and attach the source result form.	A timestamped submission with an evidence record.
4 • Review	Reviewers inspect totals and evidence, run checks, add notes, and verify, flag, or reject.	A documented decision; verified records are locked.
5 • Report	Filter verified results by contest and geography; export CSV, Excel, or PDF.	Consistent summaries for authorized stakeholders.

Election preparation and geography

Administrators maintain the geographic chain from county to constituency, ward, registration centre, and polling station. Station records can include streams and registered-voter counts. Positions and candidates can be scoped to the relevant geographic level. These relationships provide the basis for agent assignment and hierarchical reports.

Campaign and team coordination

System administrators configure candidates, parties, campaign workspaces, team members, and field assignments. Users can be provisioned through invitations and complete password setup from a time-limited email link. A candidate campaign can coordinate its own permitted team and assigned agents without opening other campaign data.

Field reporting and evidence

An agent selects an active assignment and enters the station figures, including registered voters, votes cast, valid, rejected, spoilt, disputed, and candidate totals. Validation checks basic completeness and limits. A submission can include a photograph or PDF of the source form. Evidence is stored privately and includes a file fingerprint to support integrity checks.

The current web interface is responsive for phone-sized screens. The Flutter application is not part of this release, and offline mobile capture is not included. Connectivity, device readiness, and field support should therefore be tested during the pilot.

FIELD REPORTING / AGENT WORKSPACE

Submit polling station result Assigned station

1 Select assignment
Your account can submit only for active stations assigned to you.

Sample East Primary - Stream 1 | Sample Constituency, Demo County

2 Enter results from the official form

Registered voters 420	Total votes cast 286	Valid votes 279
Rejected votes 4	Spoilt votes 2	Disputed votes 1

Candidate votes

Amina Sample	180
Brian Sample	75
Carol Sample	24

Attach source form image or PDF for review; uploads remain private. Save submission

Illustrative preview · assigned station result entry and evidence upload

Review, discrepancy checks, and locking

Authorized reviewers can inspect a queue of submissions, compare submitted totals with attached evidence, and run automated checks for arithmetic, turnout bounds, contest membership, and evidence fingerprints. Review decisions include notes and are retained with reviewer and time information. Verified records are locked and treated as read-only, so they are distinguishable from pending, flagged, or rejected submissions.

Local OCR assistance can extract text from supported evidence files and suggest possible vote values. OCR is an aid for human comparison; it does not change vote counts or approve a result automatically. The local OCR engine and its operating configuration must be confirmed in the deployment environment.

The interface is titled "Elections Monitoring System / QUALITY CONTROL" and "Review & verification". It includes a sidebar with navigation options: "Elections Monitoring System", "MONITOR" (Election dashboard, Review results, Reports), "MANAGE" (Campaigns & teams, User accounts), and "AD Demo Administrator System administrator".

The main content area shows a summary of review status: Pending (5), Flagged (2), Verified (15), and Rejected (1). Below this is a "Review queue" table listing submissions with their status and a "Submission details" panel for the selected "Sample West Primary" submission. The details panel includes an "Automated discrepancy check" (Turnout is within registered voter limits; verify one tally mismatch), "Evidence record & OCR assistance" (station-form-sample.jpg - SHA-256 fingerprint recorded; Local OCR suggestions are shown for human comparison only), and a "Review notes" section with a text input field and buttons for "Flag", "Reject", and "Verify & lock".

Submission	Status	Submitted	Agent
Sample East Primary	PENDING	08 Oct	Agent 02
Sample West Primary	FLAGGED	08 Oct	Agent 02
Demo Centre 03	PENDING	08 Oct	Agent 02
Demo Centre 04	VERIFIED	08 Oct	Agent 02
Demo Centre 05	FLAGGED	08 Oct	Agent 02

Submission details for Sample West Primary - Member of National Assembly:

- Automated discrepancy check:** Turnout is within registered voter limits; verify one tally mismatch.
- Evidence record & OCR assistance:** station-form-sample.jpg - SHA-256 fingerprint recorded. Local OCR suggestions are shown for human comparison only.
- Review notes:** Record the source form and checks completed...

Buttons: Flag, Reject, Verify & lock.

Footer: Decision, reviewer, timestamp, and notes are retained in the review history.

Illustrative preview · result queue, evidence, checks, and review decisions

Reporting and stakeholder visibility

The reporting area provides filters for election, position, reporting level, candidate, and geographic area. Users can view figures at national, county, constituency, ward, polling-station, or candidate level. Current reports aggregate verified results only and offer CSV, Excel, and PDF download options. This makes it easier to compare coverage, review station reporting progress, and prepare stakeholder updates from a consistent data set.

Elections Monitoring System

MONITOR

- Election dashboard
- Review results
- Reports**

MANAGE

- Campaigns & teams
- User accounts

AD Demo Administrator
System administrator

ELECTIONS MONITORING SYSTEM / ANALYSIS

Verified results reports

Report filters
Choose election, contest, reporting level, and optional geography:

Election 2027 General Election	Position Member of National Assembly	Report by County	Candidate All candidates
County All counties	Constituency All constituencies	Ward All wards	Station All stations

Metrics:

- Polling stations: **24** (Verified submissions only)
- Verified reports: **18** (Verified submissions only)
- Registered voters: **12,480** (Verified submissions only)
- Votes cast: **8,672** (Verified submissions only)

Report details

County	Candidate	Party	Registered voters	Votes cast
Demo County	Amina Sample	SRP	3,210	12
Demo County	Brian Sample	SLP	2,980	12
Demo County	Carol Sample	Independent	765	11
Sample Coast	Amina Sample	SRP	1,190	4
Sample Coast	Brian Sample	SLP	1,030	4
Sample Coast	Carol Sample	Independent	210	4

Downloads: CSV, EXCEL, PDF

Illustrative preview · hierarchical report filters, verified metrics, and downloads

Role-based access model

User group	Typical access	Important boundary
Super administrator	System-wide setup, accounts, campaigns, and oversight.	Reserved for a small trusted group.
Administrator / central administrator	System setup and account operations within granted permissions.	Elevated system roles remain controlled.
Election officer	Central dashboards, review, and reports.	Review actions follow assigned permissions.
Campaign administrator / manager / analyst	Permitted campaign dashboards and review visibility.	Campaign data is scoped to membership.
Polling agent	Assigned station workspace and result submission.	Submission requires an active station assignment.
Observer	Read access where explicitly granted.	No result submission authority by default.

Data protection and operational safeguards

The application separates users by role, rate-limits sign-in attempts, supports password setup and reset by email, and records important review and invitation events. Users can complete profile and KYC details, upload an avatar, and submit an ID or passport copy. Identity documents and result evidence are stored privately and served through authenticated, permission-checked routes.

These controls support responsible operations but do not replace the organization's security, privacy, and legal review. Before collecting real identity documents, stakeholders should confirm a lawful purpose, user notice, access list, retention period, deletion process, and incident response procedure. Production deployment should add encrypted backups, encrypted transport, least-privilege infrastructure access, monitoring, and a tested recovery plan.

Implementation and readiness plan

Workstream	Proposed activity	Exit evidence
1 - Pilot definition	Select a pilot election, geography, contest, test stations, users, and review rules.	Approved pilot scope and named owners.
2 - Data and configuration	Load and validate official election and geography data; configure teams and access.	Signed-off reference data and access matrix.
3 - Operational validation	Run agent, reviewer, report, and recovery scenarios with sample records.	User acceptance findings and resolved blockers.
4 - Production preparation	Configure hosting, SSL, mail, queues, local OCR, backups, retention, monitoring, and support.	Deployment checklist and recovery test.
5 - Controlled rollout	Train role groups, activate a limited pilot, monitor coverage and issue handling.	Pilot review and go/no-go decision.

Readiness items to confirm

- Official election, contest, candidate, county, constituency, ward, centre, and station data.
- Role owners, account approval process, agent assignment rules, and review escalation path.
- Mail service for invitations and password reset; local OCR engine installation and language configuration.
- Hosting location, SSL, database capacity, secure storage, backup schedule, monitoring, and on-call support.
- Identity-document purpose, access policy, retention duration, privacy notice, and deletion rules.
- User acceptance scenarios, training materials, field connectivity plan, and incident communications.

Stakeholder participation and next steps

A successful pilot depends on stakeholders agreeing how the platform fits the election operation. We recommend a working session with candidate or campaign representatives, election administrators, field coordinators, reviewers, and data-protection or legal advisers.

Decisions for the working session

1. Which election, contest, and geographic area should be used for the first pilot?
2. Which sources define the official polling-station list and candidate contest scope?
3. Who may invite users, assign agents, review results, resolve discrepancies, and lock verified records?
4. What evidence is required for each submission, and what discrepancy thresholds trigger a flag?
5. Which summary reports are required, who may download them, and at what reporting cadence?
6. How long should identity documents, source forms, review notes, and exports be retained?
7. What technical contact will own hosting, backups, local OCR, email delivery, and support?

Proposed pilot success measures

Coverage. Can coordinators identify assigned stations and see which have reported?

Data quality. Do validation and review catch missing, inconsistent, or out-of-range figures?

Traceability. Can a reviewer move from a report row to the verified station submission and evidence?

Usability. Can agents and reviewers complete their tasks on the devices and connections available?

Access. Do users see only the areas and actions that match their role and campaign membership?

Recovery. Can administrators restore the service and records from a tested backup?

Recommended next step

Convene a pilot design workshop, then approve the sample election dataset, role matrix, review rules, privacy controls, and acceptance scenarios before live data is introduced.