



JUCSU and Hall Union Election Management System

**A Secure and Efficient Platform for
Jahangirnagar University Student Elections**

Presented by:

[Qazi Ibnul Nafis-365]

[Asha Akter-380]

[Mymuna Islam-381]

[Fateema Binti Taher Eva-403]

October 15, 2025

Addressing the Need for Digital Elections

The Problem

Traditional university election systems rely on manual processes, leading to inefficiencies, errors, limited accessibility, and potential disputes.

Project Goal

Develop a comprehensive online platform ensuring fair elections, voter verification, and real-time monitoring, complying with university constitutions.

Target Users

- Students (Voters)
- Candidates
- Commissioners (Central & Hall Admins)



Technology Stack and Core Components



Backend & Database

PHP for server-side logic and MySQL (utf8mb4) for robust data storage.



Frontend

HTML, CSS (Bootstrap for responsive design), and JavaScript for dynamic elements like countdown timers.



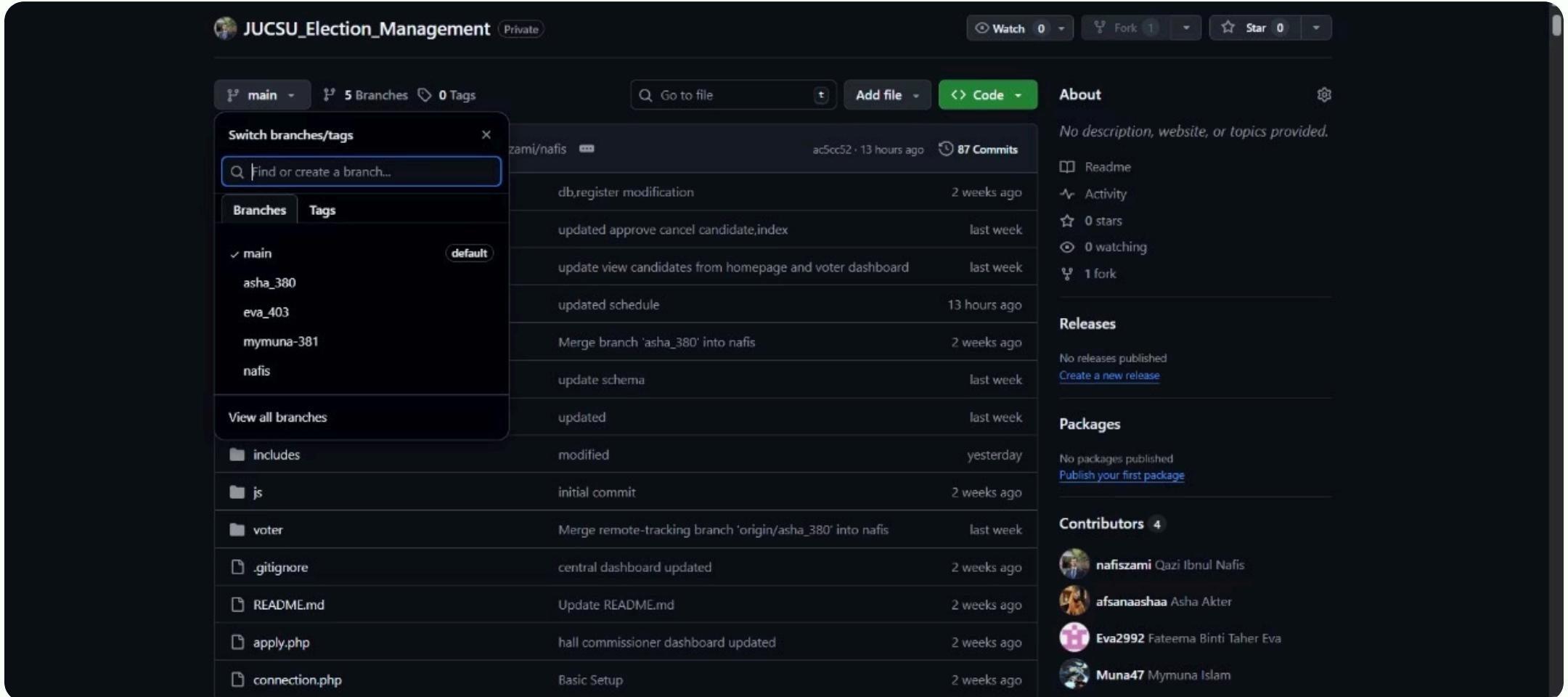
Security

Features include password hashing, session management, and input sanitization (SQL injection).

Key Components

User authentication, election scheduling and phases, and role-based access control are central to the system's operation.

GitHub Repository

A screenshot of a GitHub repository page for "JUCSU_Election_Management". The repository is private. The main branch is "main". There are 5 branches and 0 tags. A modal window titled "Switch branches/tags" is open, showing a search bar and a list of branches: "main" (selected), "asha_380", "eva_403", "mymuna-381", and "nafis".
The repository has 87 commits from user "zami/nafis". The commits are listed below:

- db.register modification (2 weeks ago)
- updated approve cancel candidate,index (last week)
- update view candidates from homepage and voter dashboard (last week)
- updated schedule (13 hours ago)
- Merge branch 'asha_380' into nafis (2 weeks ago)
- update schema (last week)
- updated (yesterday)
- modified (yesterday)
- initial commit (2 weeks ago)
- Merge remote-tracking branch 'origin/asha_380' into nafis (last week)
- central dashboard updated (2 weeks ago)
- Update README.md (2 weeks ago)
- hall commissioner dashboard updated (2 weeks ago)
- Basic Setup (2 weeks ago)

The repository has 0 stars, 0 forks, and 0 watching. It has no releases or packages published. The contributors are nafiszami, afsanaashaa, Eva2992, and Muna47.

JUCSU_Election_Management Private

Watch 0 Fork 1 Star 0

main 5 Branches 0 Tags

Switch branches/tags x

Find or create a branch...

Branches Tags

main (default)

asha_380

eva_403

mymuna-381

nafis

View all branches

includes

js

voter

.gitignore

README.md

apply.php

connection.php

zami/nafis · ac5cc52 · 13 hours ago · 87 Commits

db.register modification · 2 weeks ago

updated approve cancel candidate,index · last week

update view candidates from homepage and voter dashboard · last week

updated schedule · 13 hours ago

Merge branch 'asha_380' into nafis · 2 weeks ago

update schema · last week

updated · yesterday

modified · yesterday

initial commit · 2 weeks ago

Merge remote-tracking branch 'origin/asha_380' into nafis · last week

central dashboard updated · 2 weeks ago

Update README.md · 2 weeks ago

hall commissioner dashboard updated · 2 weeks ago

Basic Setup · 2 weeks ago

About

No description, website, or topics provided.

Readme

Activity

0 stars

0 watching

1 fork

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

Contributors 4

 **nafiszami** Qazi Ibnul Nafis

 **afsanaashaa** Asha Akter

 **Eva2992** Fateema Binti Taher Eva

 **Muna47** Mymuna Islam

Homepage Overview

JUCSU Election

Login Register

JUCSU Election

Jahangirnagar University Central Student's Union

Home Login Registration Status

Days Remaining

20 DAYS : 10 HOURS : 47 MINUTES

Quick Links

- JUCSU Constitution (Open PDF)
- Hall Union Constitution (Open PDF)
- View Candidates (See all candidates)
- Election Results (View live results)

Election Statistics

- Current Status: NOMINATION PHASE (Election is currently in nomination phase)
- Total Candidates: 11 (Approved candidates)
- Registered Voters: 135 (Verified eligible voters)

Follow Us

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JUCSU Election Management System - Jahangirnagar University

Made with GAMMA

Voter Dashboard



JUCSU Election

Asha Akter ▾

Welcome, Asha Akter!

Voter

Your Profile

University ID: 380

Hall: Rokeya Hall

Department: Department of Computer Science and Engineering

Year: 2024

Phone: N/A

Voting Status

JUCSU: Not Voted

Hall: Not Voted

Quick Actions

Open Candidate Dashboard

Vote JUCSU

Vote Hall

View Candidates

File Complaint

Recent Notifications

Nomination Approved

Your nomination for JUCSU election has been approved.

Success

Oct 14, 2025 22:20

Nomination Submitted

Your nomination for Jucsu has been submitted and is pending approval.

Success

Oct 14, 2025 22:17

Welcome to JUCSU Election System!

This is your voter dashboard. You can cast your votes for both JUCSU and Hall Union elections here.

Voting Interface- JUCSU

JUCSU Election

Asha Akter

JUCSU Election

← Back to Dashboard

≡ Positions (25)

Vice-President

General Secretary

Joint General Secretary (Female)

Joint General Secretary (Male)

Education and Research Secretary

Environment and Nature Conservation Secretary

Literature and Publication Secretary

Cultural Secretary

Assistant Cultural Secretary

Drama Secretary

Sports Secretary

Assistant Sports Secretary (Female)

Assistant Sports Secretary (Male)

Information Technology and Library Secretary

Social Service and Human Resource Development Secretary

Assistant Social Service and HRD Secretary (Female)

Assistant Social Service and HRD Secretary (Male)

Health and Food Safety Secretary

Transport and Communication Secretary

Executive Member 1

Executive Member 2

Executive Member 3

Executive Member 4

Executive Member 5

Executive Member 6

Vice-President

 **Asha Akter**

ID: 380
Department: Department of Computer Science and Engineering
Hall: Rokeya Hall

I am contesting for the post of Vice President to ensure that every student's voice is heard and valued. My goal is to promote unity, transparency, an...



 **Fateema Binti Taher Eva**

ID: 403
Department: Department of Computer Science and Engineering
Hall: Rokeya Hall

I am contesting for the post of Vice President to ensure that every student's voice is heard and valued. My goal is to promote unity, transparency, an...



 **Mymuna Islam**

ID: 381
Department: Department of Computer Science and Engineering
Hall: Rokeya Hall

I am contesting for the post of Vice President to ensure that every student's voice is heard and valued. My goal is to promote unity, transparency, an...



 **Qazi Ibnul Nafis**

ID: 20220654971
Department: Department of Computer Science and Engineering
Hall: Mir Mosharraf Hossain Hall

test...



Voting Interface- Hall



JUCSU Election

Asha Akter ▾

Rokeya Hall Election

[← Back to Dashboard](#)

Positions (15)

- Vice-President
- General Secretary
- Assistant General Secretary
- Literary Secretary
- Secretary, Reading Room
- Secretary, Common Room
- Secretary, Dining & Canteen
- Secretary, Health
- Secretary, Social Service
- Secretary, Social Entertainment and Drama
- Athletic Secretary
- Assistant Athletic Secretary
- Executive Member 1
- Executive Member 2
- Executive Member 3



0%

PARTICIPATION RATE

0 voters



135

TOTAL VOTERS



15

TOTAL POSITIONS

VOTING PROGRESS



✓ Voted: 0

! Pending: 15

Candidate Dashboard



JUCSU Election

👤 Asha Akter ▾

Candidate Dashboard

Candidate

Your Nominations

View the status of your candidacy for JUCSU or Hall elections.

Election Type	Hall	Position	Manifesto	Photo	Status	Actions
Jucsu	Rokeya Hall	Vice-President	I am contesting for the post of Vice President to ensure that every student's voice is heard and v...	No Photo	Approved	Withdraw Nomination

[Back to Voter Dashboard](#)

File Complaint page



JUCSU Election

Asha Akter ▾

! SUBMIT A COMPLAINT

Report issues related to the election process

← Back to Voting

Election Type *

JUCSU Election

Complaint Type *

Procedural

Subject *

Description *

Evidence Files (Optional)

Choose Files No file chosen

Submit Complaint

Candidate View



JUCSU Election

Asha Akter

Approved Candidates

Browse all approved candidates for JUCSU and Hall Union elections

JUCSU Elections 11 Candidates

Hall Union (Rokeya Hall) 4 Candidates

11

TOTAL CANDIDATES

25

POSITIONS AVAILABLE

Central

ELECTION TYPE

Positions

Vice-President

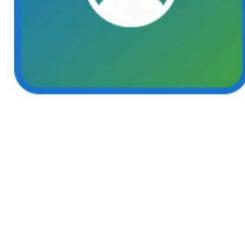
General Secretary

Joint General
Secretary (Female)

Joint General
Secretary (Male)

Education and
Research Secretary

Environment and
Nature Conservation
Secretary



Asha Akter

Vice-President

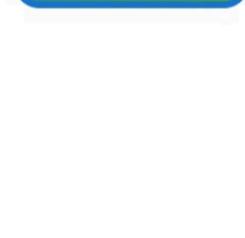
ID: 380

Dept: Department of Computer
Science and Engineering

Hall: Rokeya Hall

Manifesto

I am contesting for the post of Vice President to ensure that every student's voice is heard and valued. My goal is to promote unity, transparency, and student welfare by improving campus facilities, supporting cultural and academic activities, and strengthening communication between JUCSU and the students. Together, we can build a more vibrant and inclusive Jahangirnagar University.



Fateema Binti Taher Eva

Vice-President

ID: 403

Dept: Department of Computer
Science and Engineering

Hall: Rokeya Hall

Manifesto

I am contesting for the post of Vice President to ensure that every student's voice is heard and valued. My goal is to promote unity, transparency, and student welfare by improving campus facilities, supporting cultural and academic activities, and strengthening communication between JUCSU and the students. Together, we can build a more vibrant and inclusive Jahangirnagar University.



Mymuna Islam

Vice-President

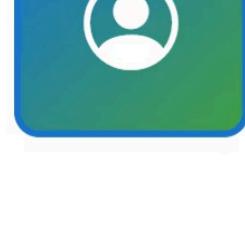
ID: 381

Dept: Department of Computer
Science and Engineering

Hall: Rokeya Hall

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I am contesting for the post of Vice President to ensure that every student's voice is heard and valued. My goal is to promote unity, transparency, and student welfare by improving campus facilities, supporting cultural and academic activities, and strengthening communication between JUCSU and the students. Together, we can build a more vibrant and inclusive Jahangirnagar University.



Qazi Ibnul Nafis

Vice-President

ID: 20220654971

Dept: Department of Computer
Science and Engineering

Hall: Mir Mosharraf Hossain Hall

Manifesto

test

← Back to Dashboard

Central Election Commissioner

- Schedule Election Dates

CENTRAL ELECTION COMMISSIONER

Dr. Central Commissioner Logout

- Schedule Election
- Approve Candidate
- Cancel Nomination
- Monitor
- Live Result
- Complaints
- Audit Logs

Unified Election Schedule Management (JUCSU & Hall)

Current Unified Election Timeline

Active Schedule (Last updated: 2025-10-14 22:15) Edit Schedule & Phase

Nomination Period
Start: 2025-10-01
End: 2025-10-20

Withdrawal Deadline
Date: 2025-10-26

Voting Date
Date: 2025-11-05

Result Declaration
Date: Not yet set

Current Phase (Both Elections)
Nomination

Edit Unified Schedule & Phase
This schedule applies to both JUCSU and Hall elections.

Nomination Start Date <input type="text" value="10/01/2025"/> <input type="button"/>	Nomination End Date <input type="text" value="10/20/2025"/> <input type="button"/>
Withdrawal Deadline <input type="text" value="10/26/2025"/> <input type="button"/>	Voting Date <input type="text" value="11/05/2025"/> <input type="button"/>
Result Declaration Date (Optional) <input type="text" value="mm/dd/yyyy"/> <input type="button"/>	Current Phase (Both Elections) <input type="button"/> Nomination <small>Manually set the current election phase to control available actions for both elections.</small>

Approve Candidates

CENTRAL ELECTION COMMISSIONER

 Dr. Central Commissioner 

 Schedule Election
 Approve Candidate
 Cancel Nomination
 Monitor
 Live Result
 Complaints
 Audit Logs

Approve JUCSU Candidates

University ID	Full Name	Department	Hall	Position	Manifesto	Photo	Nominated At	Proposer	Seconder	Actions
384	Anika Tasnim	Department of Zoology	Rokeya Hall	General Secretary	Commit to fostering a strong sense of unity while enhancing hall facilities, strive to uplift dining...		2025-10-15 11:16	154	159	 
TEST20250015	Mubin Islam	Department of Economics	Al Beruni Hall	Joint General Secretary (Male)	Welfare...	No Photo	2025-10-15 12:55	124	125	 
TEST20250014	Mitul Dewan	Department of Economics	Al Beruni Hall	Joint General Secretary (Male)	Development...	No Photo	2025-10-15 12:54	124	125	 
TEST20250013	Sajid Chowdhury	Department of Computer Science and Engineering	Al Beruni Hall	Joint General Secretary (Male)	Development...	No Photo	2025-10-15 12:53	124	125	 
TEST20250012	Maher Ahmed	Department of English	Al Beruni Hall	Joint General Secretary (Male)	Improvement...	No Photo	2025-10-15 12:52	124	125	 

Cancel Nominations

CENTRAL ELECTION COMMISSIONER

Dr. Central Commissioner Logout

Schedule Election

Approve Candidate

Cancel Nomination

Monitor

Live Result

Complaints

Audit Logs

Cancel JUCSU Nomination

Name	Enrollment Year	Department	Hall	Position	Action
Asha Akter	2024	Department of Computer Science and Engineering	Rokeya Hall	Vice-President	<button>Cancel Nomination</button>
Fateema Binti Taher Eva	2024	Department of Computer Science and Engineering	Rokeya Hall	Vice-President	<button>Cancel Nomination</button>
Mymuna Islam	2024	Department of Computer Science and Engineering	Rokeya Hall	Vice-President	<button>Cancel Nomination</button>
Qazi Ibnu Nafis	2024	Department of Computer Science and Engineering	Mir Mosharraf Hossain Hall	Vice-President	<button>Cancel Nomination</button>
Arif Rahman	2022	Department of Economics	Al Beruni Hall	General Secretary	<button>Cancel Nomination</button>
Saif Chowdhury	2023	Department of Economics	Al Beruni Hall	General Secretary	<button>Cancel Nomination</button>
Zyan Mahmud	2023	Department of Physics	Al Beruni Hall	General Secretary	<button>Cancel Nomination</button>
Maher Ahmed	2020	Department of English	Al Beruni Hall	Joint General Secretary (Male)	<button>Cancel Nomination</button>
Mitul Dewan	2023	Department of Economics	Al Beruni Hall	Joint General Secretary (Male)	<button>Cancel Nomination</button>
Mubin Islam	2022	Department of Economics	Al Beruni Hall	Joint General Secretary (Male)	<button>Cancel Nomination</button>

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Monitor

JUCSU Election

Schedule Scrutiny Monitor Voting Results & Prof. Commissioner Rokeya Hall

Election Monitor

Monitor voters, candidates, and live voting for both JUCSU and Hall elections.

88 Voters 8 JUCSU Candidates 8 Hall Candidates 8 Voting Updates

137 Total Voters 135 Verified Voters 1 JUCSU Voted 0 Hall Voted

Voter Summary by Hall

Hall Name	Type	Total Voters	Verified	JUCSU Voted	Hall Voted	Turnout %
A F M Kamaluddin Hall	Male	0	0	0	0	0%
Al Beruni Hall	Male	104	104	0	0	0%
Begum Khaleda Zia Hall	Female	0	0	0	0	0%
Begum Sufia Kamal Hall	Female	0	0	0	0	0%
Bir Protik Taramon Bibi Hall	Female	0	0	0	0	0%
Bishwakabi Rabindranath Tagore Hall	Male	0	0	0	0	0%
Fazilatunnesa Hall	Female	0	0	0	0	0%
Female Student Hall No. - 13	Female	0	0	0	0	0%

Monitor part-II

The screenshot shows the JUCSU Election Monitor page. At the top, there is a green header bar with the JUCSU logo and the text "JUCSU Election". To the right of the logo are links for "Schedule", "Scrutiny", "Monitor Voting" (which is highlighted in blue), "Results", and "Prof. Commissioner Rokeya Hall". Below the header, there is a section titled "Election Monitor" with a subtitle "Monitor voters, candidates, and live voting for both JUCSU and Hall elections." There are four tabs: "Voters", "JUCSU Candidates", "Hall Candidates", and "Voting Updates" (which is selected). A blue header bar below these tabs says "Recent Voting Updates (Last 100 Votes)". On the left, there are filters for "Show" (set to 25) and "entries per page". On the right, there is a search bar. The main area contains a table with one row of data:

Election Type	Hall	Voter University ID	Voter Name	Position	Voted At
JUCSU	Rokeya Hall	220441	Shamima Islam	Vice-President	Oct 15, 12:38

Below the table, it says "Showing 1 to 1 of 1 entries" and has navigation buttons for "Previous", "1", and "Next".

Live Result

CENTRAL ELECTION COMMISSIONER

Dr. Central Commissioner Logout

- Schedule Election
- Approve Candidate
- Cancel Nomination
- Monitor
- Live Result**
- Complaints
- Audit Logs

Contested Position Vote Breakdown (Pie Charts)

Vice-President
Total Votes: 267

Candidate	Number of Votes
Fateema Binti Taher Eva	120
Mymuna Islam	70
Asha Akter	40
Qazi Ibnul Nafis	20

General Secretary
Total Votes: 440

Candidate	Number of Votes
Saif Chowdhury	180
Arif Rahman	150
Zyan Mahmud	110

Joint General Secretary (Male)
Total Votes: 618

Candidate	Number of Votes
Muhib Islam	150
Mitul Dewan	140
Sajid Chowdhury	120
Maher Ahmed	100

Made with GAMMA

Live Result

CENTRAL ELECTION COMMISSIONER

Dr. Central Commissioner [Logout](#)

- Schedule Election
- Approve Candidate
- Cancel Nomination
- Monitor
- Live Result**
- Complaints
- Audit Logs

Detailed Candidate Progress

Vice-President (JUCSU)

Fateema Binti Taher Eva (Department of Computer Science and Engineering)	121 votes	45.32%
Mymuna Islam (Department of Computer Science and Engineering)	67 votes	25.09%
Asha Akter (Department of Computer Science and Engineering)	45 votes	16.85%
Qazi Ibnul Nafis (Department of Computer Science and Engineering)	34 votes	12.73%

General Secretary (JUCSU)

Saif Chowdhory (Department of Economics)	180 votes	40.91%
Arif Rahman (Department of Economics)	160 votes	36.36%
Zyan Mahmud (Department of Physics)	100 votes	22.73%

Complaints Handling

CENTRAL ELECTION COMMISSIONER

Dr. Central Commissioner Logout

Schedule Election

Approve Candidate

Cancel Nomination

Monitor

Live Result

Complaints

Audit Logs

Complaints Management (Pending)

Showing **20** complaint(s) awaiting review.

ID	Type	Complainant ID	Subject	Description	Status	Filed At	Action
1	JUCSU	1	Late Voting	Voting started late....	PENDING	2025-10-04 13:07	<input checked="" type="button"/> Mark Resolved <input type="button"/> Mark Under Review
2	HALL	2	Poster Issue	Posters in restricted area....	PENDING	2025-10-04 13:07	<input checked="" type="button"/> Mark Resolved <input type="button"/> Mark Under Review
3	JUCSU	3	Duplicate Vote	Same voter twice....	PENDING	2025-10-04 13:07	<input checked="" type="button"/> Mark Resolved <input type="button"/> Mark Under Review
4	HALL	4	Booth Delay	Booth opened late....	PENDING	2025-10-04 13:07	<input checked="" type="button"/> Mark Resolved <input type="button"/> Mark Under Review
5	JUCSU	5	Count Error	Mismatch in result....	PENDING	2025-10-04 13:07	<input checked="" type="button"/> Mark Resolved <input type="button"/> Mark Under Review
6	HALL	6	False Speech	Misleading statements....	PENDING	2025-10-04 13:07	<input checked="" type="button"/> Mark Resolved <input type="button"/> Mark Under Review
7	JUCSU	7	Unsealed Box	Box not sealed....	PENDING	2025-10-04 13:07	<input checked="" type="button"/> Mark Resolved <input type="button"/> Mark Under Review
8	HALL	8	Proxy Vote	Voted by another....	PENDING	2025-10-04 13:07	<input checked="" type="button"/> Mark Resolved <input type="button"/> Mark Under Review
9	JUCSU	9	Campaign Bus	Used JU bus....	PENDING	2025-10-04 13:07	<input checked="" type="button"/> Mark Resolved <input type="button"/> Mark Under Review
10	HALL	10	No ID Check	No ID verified....	PENDING	2025-10-04 13:07	<input checked="" type="button"/> Mark Resolved <input type="button"/> Mark Under Review
11	JUCSU	11	Vote Bribe	Offered food....	PENDING	2025-10-04 13:07	<input checked="" type="button"/> Mark Resolved <input type="button"/> Mark Under Review

Audit Logs

CENTRAL ELECTION COMMISSIONER

Dr. Central Commissioner Logout

Schedule Election

Approve Candidate

Cancel Nomination

Monitor

Live Result

Complaints

Audit Logs

System Audit Logs

Showing the **50** most recent system actions.

Time	User ID	Action	Old Values	New Values
2025-10-15 13:00	34	CANDIDATE STATUS CHANGE	Status: Pending	Status: Approved Reason: NULL
2025-10-15 12:59	35	CANDIDATE STATUS CHANGE	Status: Pending	Status: Approved Reason: NULL
2025-10-15 12:59	36	CANDIDATE STATUS CHANGE	Status: Pending	Status: Approved Reason: NULL
2025-10-15 12:59	37	CANDIDATE STATUS CHANGE	Status: Pending	Status: Approved Reason: NULL
2025-10-15 12:40	31	CANDIDATE STATUS CHANGE	Status: Pending	Status: Approved Reason: NULL
2025-10-15 12:40	33	CANDIDATE STATUS CHANGE	Status: Pending	Status: Approved Reason: NULL
2025-10-15 12:40	32	CANDIDATE STATUS CHANGE	Status: Pending	Status: Approved Reason: NULL
2025-10-15 12:08	154	USER UPDATE	Is_verified: 0 Role: voter	Is_verified: 1 Role: voter
2025-10-15 12:08	20	APPROVE VOTER	N/A	Verified: 1
2025-10-15 12:08	155	USER UPDATE	Is_verified: 0 Role: voter	Is_verified: 1 Role: voter
2025-10-15 12:08	20	APPROVE VOTER	N/A	Verified: 1
2025-10-15 12:08	156	USER UPDATE	Is_verified: 0 Role: voter	Is_verified: 1 Role: voter
2025-10-15 12:08	20	APPROVE VOTED	N/A	Verified: 1

Hall Commissioner Dashboard

The screenshot shows the Hall Commissioner Dashboard for Al Beruni Hall. The top navigation bar includes the JUCSU Election logo, the hall name "Al Beruni Hall", and links for Verify Voters, Monitor Voting, Reports, and Prof. Commissioner Al Beruni Hall.

Key Metrics:

- Total Students: 104
- Verified Voters: 104
- Hall Candidates: 1
- Hall Turnout: 0%

Hall Management:

- Verify Voters
- Hall Scrutiny (1 pending)
- Monitor Voting
- Hall Reports
- Central View
- Results

Current Status:

VOTING ACTIVE

Voting Progress:
JUCSU Voting: 0/104 (0%)
Hall Voting: 0/104 (0%)

Last updated: 09:13 AM [Refresh](#)

Pending Verifications:

Type	Count	Action
Hall Candidates	1	Review

localhost/JUCSU_Election_Management/hall/scrutiny_hall.php

Recent Registrations:

ID	Name	Status
TEST2025108971	Rameen Mahmood 1 Department of Environmental Sciences	Verified

Voters Verifications

Rokeya Hall Verification
Hall Commissioner Dashboard

NAVIGATION

- Dashboard
- VOTERS
 - Pending Voters
 - Approved Voters
 - Rejected Voters
- QUICK ACTIONS
 - Logout

JUCSU Election

Verify Voters Monitor Voting Reports Prof. Commissioner Rokeya Hall

Voter Verification

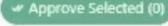
Rokeya Hall

Search by name or university ID

Search

<input type="checkbox"/> University ID	Name	Department	Year	Gender	Registered	Actions
<input type="checkbox"/> 220441	Shamima Islam	Department of Microbiology	2021	Female	Oct 15, 2025	 

1



Candidates Approval

JUCSU Election

Verify Voters Monitor Voting Reports & Prof. Commissioner Al Beruni Hall

Candidate Scrutiny - Al Beruni Hall

Pending Nominations (1)									
Candidate	Position	Department	Hall	Proposer	Seconder	Manifesto	Photo	Nominated	Actions
Test Voter 3 TEST20250003	Literary Secretary	Department of Economics	Al Beruni Hall	student STUDENT001	student2 STUDENT002	test...	No Photo	15 Oct 2025	<button>✓ Approve</button> <button>✗ Reject</button>

Voting Monitor

 Rokeya Hall Monitor
Live Voting Dashboard

NAVIGATION

-  Dashboard

ELECTION POSITIONS

-  Vice-President(Hall)
-  General Secretary(Hall)
-  Assistant General Secretary (Hall)
-  Literary Secretary(Hall)
-  Secretary, Reading Room (Hall)
-  Secretary, Common Room (Hall)
-  Secretary, Dining & Canteen (Hall)
-  Secretary, Health(Hall)
-  Secretary, Social Service (Hall)
-  Secretary, Social Entertainment and Drama (Hall)

 JUCSU Election

Verify Voters | Monitor Voting | Reports | Prof. Commissioner Rokeya Hall ▾

Live Voting Monitor - Rokeya Hall

Last updated: 15 Oct 2025, 09:17:44 (Refreshes every 30 seconds)

[← Back to Dashboard](#)

Voting Progress

Total Eligible Voters: 30

Voters Who Voted: 0

Vote Counts for Vice-President

Candidate	Hall	Votes
Busrana Alme	Rokeya Hall	0 (0%)
Nourin Dina	Rokeya Hall	0 (0%)

Reports

Rokeya Hall Reports
Election Analytics Dashboard

CANDIDATES

Candidate Overview

VOTING

Voting Statistics

Votes per Position

VOTERS

All Voters List

Approved Voters

Rejected Voters

AUDIT & LOGS

Audit Logs

QUICK ACTIONS

Export CSV

Back to Dashboard

Logout

JUCSU Election

Verify Voters Monitor Voting Reports Prof. Commissioner Rokeya Hall ▾

All Election Types Export Full Report (CSV)

Candidate Report 8 Candidates

Position	Election Type	Hall	Candidate Name	University ID	Votes	Status
Vice-President	JUCSU	Rokeya Hall	Asha Akter	380	45	Approved
Vice-President	JUCSU	Rokeya Hall	Mymuna Islam	381	67	Approved
Vice-President	JUCSU	Rokeya Hall	Fateema Binti Taher Eva	403	121	Approved
General Secretary	JUCSU	Rokeya Hall	Anika Tasnim	384	0	Pending
Vice-President	Hall	Rokeya Hall	Busrana Alme	399	0	Approved
Vice-President	Hall	Rokeya Hall	Nourin Dina	395	0	Approved
General Secretary	Hall	Rokeya Hall	Anika Hossain	385	0	Approved
General Secretary	Hall	Rokeya Hall	Zakia Sultana Mahima	382	0	Approved

Voting Statistics

Total Eligible Voters:	30
Voters Who Voted:	1
Voter Turnout:	3.33%

Voter Turnout Chart

Report part-II

Rokeya Hall Reports
Election Analytics Dashboard

CANDIDATES

- [Candidate Overview](#)

VOTING

- [Voting Statistics](#)
- [Votes per Position](#)

VOTERS

- [All Voters List](#)
- [Approved Voters](#)
- [Rejected Voters](#)

AUDIT & LOGS

- [Audit Logs](#)

QUICK ACTIONS

- [Export CSV](#)
- [Back to Dashboard](#)
- [Logout](#)

Recent Audit Logs (Last 100) 46 Entries					
Timestamp	User ID	Action	Table	Record ID	Details
2025-10-15 12:08:33	HALL019	APPROVE_VOTER	users	154	{"verified":true}
2025-10-15 12:08:33	399	USER_UPDATE	users	154	{"is_verified": 1, "role": "voter"}
2025-10-15 12:08:31	HALL019	APPROVE_VOTER	users	155	{"verified":true}
2025-10-15 12:08:31	395	USER_UPDATE	users	155	{"is_verified": 1, "role": "voter"}
2025-10-15 12:08:27	HALL019	APPROVE_VOTER	users	156	{"verified":true}
2025-10-15 12:08:27	382	USER_UPDATE	users	156	{"is_verified": 1, "role": "voter"}
2025-10-15 12:08:24	HALL019	APPROVE_VOTER	users	157	{"verified":true}
2025-10-15 12:08:24	385	USER_UPDATE	users	157	{"is_verified": 1, "role": "voter"}
2025-10-15 12:08:12	HALL019	APPROVE_VOTER	users	158	{"verified":true}
2025-10-15 12:08:12	384	USER_UPDATE	users	158	{"is_verified": 1, "role": "voter"}
2025-10-15 12:08:10	HALL019	APPROVE_VOTER	users	159	{"verified":true}
2025-10-15 12:08:10	388	USER_UPDATE	users	159	{"is_verified": 1, "role": "voter"}
2025-10-15 11:13:30	HALL019	APPROVE_CANDIDATE	candidates	19	{"status": "approved", "rejection_reason": null}
2025-10-15 11:13:30	385	CANDIDATE_STATUS_CHANGE	candidates	19	{"status": "approved", "reason": null}
2025-10-15 11:13:28	HALL019	APPROVE_CANDIDATE	candidates	18	{"status": "approved", "rejection_reason": null}

Central View

JUCSU Election

Schedule Scrutiny Monitor Voting Results & Prof. Commissioner Rokeya Hall

Election Monitor

Monitor voters, candidates, and live voting for both JUCSU and Hall elections.

88 Voters 8 JUCSU Candidates 5 Hall Candidates 1 Voting Updates

137 Total Voters 135 Verified Voters 1 JUCSU Voted 0 Hall Voted

Voter Summary by Hall

Hall Name	Type	Total Voters	Verified	JUCSU Voted	Hall Voted	Turnout %
A F M Kamaluddin Hall	Male	0	0	0	0	0%
Al Beruni Hall	Male	104	104	0	0	0%
Begum Khaleda Zia Hall	Female	0	0	0	0	0%
Begum Sufia Kamal Hall	Female	0	0	0	0	0%
Bir Protik Taramon Bibi Hall	Female	0	0	0	0	0%
Bishwakabi Rabindranath Tagore Hall	Male	0	0	0	0	0%
Fazilatunnesa Hall	Female	0	0	0	0	0%
Female Student Hall No. - 13	Female	0	0	0	0	0%

Public Result View

🏆 Election Results

Official election results for JUCSU and Hall Union elections

Select Election Type

 **JUCSU Election Results**

 **Hall Union Results**

Public Result View(Continue)

Election Results
Official election results for JUCSU and Hall Union elections

JUCSU Election Results

[Back](#)

Winners Summary

Position	Winner	Department	Votes	Percentage	Status
Vice-President	Fateema Binti Tahir Eva	Department of Computer Science and Engineering	121	45.32%	Winner
General Secretary	Saif Chowdhury	Department of Economics	180	40.91%	Winner
Joint General Secretary (Male)	Mubin Islam	Department of Economics	180	29.13%	Winner

Detailed Results by Position

Vice-President

Fateema Binti Tahir Eva	Winner	Department of Computer Science and Engineering Rokoya Hall	121 votes	45.32%
Mymuna Islam		Department of Computer Science and Engineering Rokoya Hall	67 votes	25.00%
Asha Akter		Department of Computer Science and Engineering Rokoya Hall	45 votes	16.88%
Gazi Ibrul Nafis		Department of Computer Science and Engineering Mir Mohorail Hossain Hall	34 votes	12.73%

Total Votes Cast: 267 | Total Candidates: 4

General Secretary

Saif Chowdhury	Winner	Department of Economics Al Beruni Hall	180 votes	40.89%
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Election Results
Official election results for JUCSU and Hall Union elections

Select Hall

-- Choose a Hall --

- A F M Kamaluddin Hall
- Al Beruni Hall
- Begum Khaleda Zia Hall
- Begum Sufia Kamal Hall
- Bir Protik Taramon Bibi Hall
- Bishwakabi Rabindranath Tagore Hall
- Fazilatunnesa Hall
- Female Student Hall No. - 13
- Female Student Hall No. - 15
- Jahanara Imam Hall
- Jatiya Kabi Kazi Nazrul Islam Hall
- Male Student Hall No. - 10
- Male Student Hall No. - 21
- Mir Mosharraf Hossain Hall
- Mowlana Bhashani Hall

Election Results
Official election results for JUCSU and Hall Union elections

Rokeya Hall - Hall Union Results

[Back](#)

Detailed Results by Position

Vice-President

Buszana Alme		Department of Pharmacy	0 votes	0%
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General Secretary

Anika Hossain		Department of Fine Arts	0 votes	0%
Zakia Sultana Mahima			0 votes	0%

Total Votes Cast: 0 | Total Candidates: 2

Comprehensive System Features



Voter Management

Registration with university ID/details, eligibility verification, and voting status tracking.



Candidate Management

Nomination process (proposer/seconder required), manifesto upload, and status tracking (pending/approved).



Election Process

Unified positions for JUCSU (25 posts) and Halls (15 posts). IP/user-agent logging for audit.

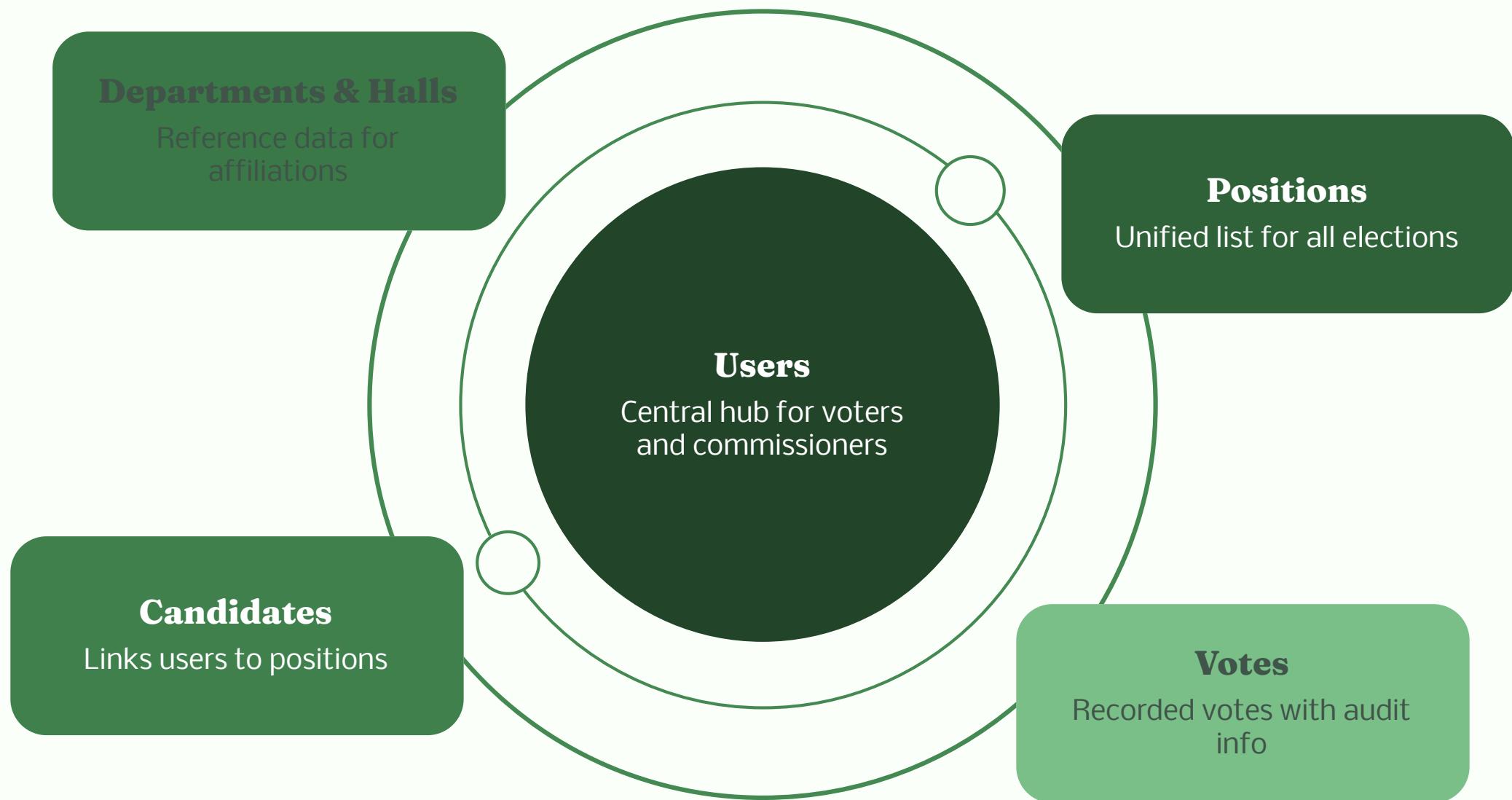


Audit & Performance

Views for summaries, triggers for automatic updates (vote counts), and indexes for performance optimization.

The system enforces unique constraints to ensure voters can only vote once per position.

Database Architecture: Ensuring Integrity



Key Tables

- Users: Central table for all roles (voters/commissioners).
- Positions: Unified list for both JUCSU and Hall elections.
- Votes: Records votes, preventing double-voting via constraints.

Integrity & Optimization

- Foreign keys ensure data consistency across tables.
- Indexes on frequently queried fields (e.g., hall_name) improve speed.
- Triggers enable real-time updates for vote counts and user status.

PHP My Admin

phpMyAdmin

Server: 127.0.0.1 » Database: jucsu_election_system

Structure SQL Search Query Export Import Operations Privileges Routines Events More

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead	
audit_logs	Browse Structure Search Insert Empty Drop	42	InnoDB	utf8mb4_unicode_ci	80.0 KiB	-	
candidates	Browse Structure Search Insert Empty Drop	22	InnoDB	utf8mb4_unicode_ci	176.0 KiB	-	
candidate_details	Browse Structure Search Insert Edit Drop	~0	View	---	-	-	
complaints	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	112.0 KiB	-	
departments	Browse Structure Search Insert Empty Drop	38	InnoDB	utf8mb4_unicode_ci	64.0 KiB	-	
election_schedule	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_unicode_ci	80.0 KiB	-	
halls	Browse Structure Search Insert Empty Drop	21	InnoDB	utf8mb4_unicode_ci	80.0 KiB	-	
hall_statistics	Browse Structure Search Insert Edit Drop	~0	View	---	-	-	
notifications	Browse Structure Search Insert Empty Drop	35	InnoDB	utf8mb4_unicode_ci	80.0 KiB	-	
positions	Browse Structure Search Insert Empty Drop	40	InnoDB	utf8mb4_unicode_ci	80.0 KiB	-	
users	Browse Structure Search Insert Empty Drop	92	InnoDB	utf8mb4_unicode_ci	208.0 KiB	-	
votes	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	144.0 KiB	-	
voting_summary	Browse Structure Search Insert Edit Drop	~0	View	---	-	-	
13 tables	Sum		~293	InnoDB	utf8mb4_unicode_ci	1.1 MiB	0 B

Console Check all With selected:



Intuitive User Interface and Workflow

Home Page

Features a hero section, navigation tabs, a dynamic countdown timer, and quick links to results and candidates.

Registration

Form with faculty-grouped dropdowns for departments/halls, ensuring accurate data entry and error handling.

Login & Logout

Simple ID/password login redirects to a role-based dashboard. Secure session destruction upon logout.

The design uses Bootstrap for responsiveness, featuring a clean interface with a green theme and dynamic elements.

Security Measures and Compliance

Robust Authentication

Session-based access with strict role checks and secure password hashing (using hashPassword function).

Auditing and Logging

Logs track user updates, candidate status changes, and IP tracking is used for every vote cast.

Data Validation

Input sanitization and unique constraints implemented to prevent duplicates and malicious data entry.

Constitutional Compliance

System aligns with JUCSU and Hall constitutions regarding position lists and eligibility rules.

Future enhancements could include Email Verification, OTP for voting, and real-time result dashboards.

Overcoming Implementation Challenges

Challenge: Dual Elections

Handling both JUCSU (central) and Hall-specific elections without duplicating data.

Solution: Conditional Constraints

Using ENUM types for election_type and conditional checks (e.g., hall_name required only for hall elections) in the schema.

Challenge: Performance

Ensuring speed and data integrity with a high volume of users and transactions.

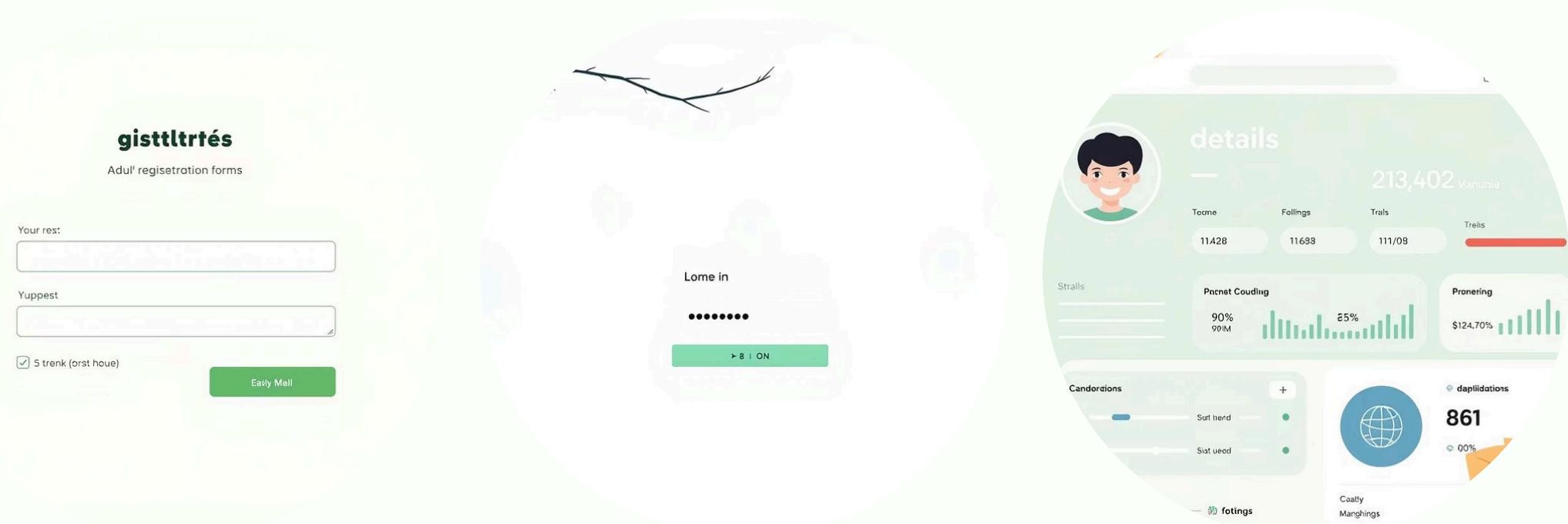
Solution: Indexes and Views

Implementation of foreign keys, unique indexes, and optimized views for efficient querying and data management.



Implementation Highlights

The system is populated with test data to showcase functionality across different user roles and election phases.



Registration Form

Demonstrates department/hall dropdowns and input validation.

Login & Redirect

Shows successful login and redirection to the appropriate role-based dashboard.

Candidate Views

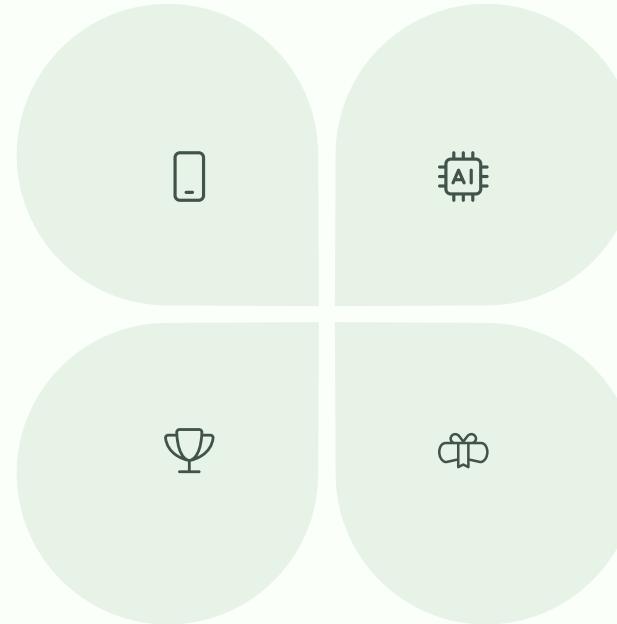
Displays sample data from views, including candidate details and voting summaries.

Test data includes pre-inserted departments (e.g., Computer Science), halls (e.g., Al Beruni Hall), and positions for a comprehensive demonstration.

Conclusion and Future Vision

Mobile App

Integration for easier remote access and voting.



Summary

The system modernizes JU elections, promoting transparency, efficiency, and participation.

AI Fraud Detection

Implementing AI algorithms to monitor and flag suspicious voting patterns.

ERP Integration

Connecting with the university's Enterprise Resource Planning system for real-time eligibility checks.

This platform is scalable and ready for real-world use, reducing paperwork and providing accurate results.

Questions?