

Public Prosecutor Portal

Group No. 33,34

62 Jay Joshi

71 Disha Shah

85 Umang Shah

97 Karan Vora

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School of Computer Studies, Ahmedabad University



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- Requirements/Features
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Organization Profile



Overview of System

- This is a portal for public prosecutors which will allow them to register themselves which later would have to be approved by admin. Once admin approves the registration, registered prosecutors will be able to add their case details, maintain their calendar, read case studies, update their case details and view latest notifications. There will be a module for election where prosecutors will get elected for different positions. There will also be an admin portal from where admin will be able to manage notifications, different positions for election and results of election.

Requirements/Features

- **Prosecutors**

1. Prosecutors are required to register. Prosecutors' details are maintained into a database. Prosecutors are required to be approved by the Admin.
2. Prosecutors are required to provide their particular details like name, email address, address, phone no.
3. Prosecutors are required to login to use the functionalities.
4. Prosecutors can manage their cases using Case Management section in which they can add/update/conclude case.
5. Prosecutors can manage their schedules and meetings using Calendar Section, where they can add meetings/schedules/reminders.
6. Prosecutors can vote for different positions.
7. Prosecutors can Ask/Answer/view Question in the forum.
8. Prosecutors can view daily notifications from notification section.



Requirements/Features

- **Admin**

1. Admin is required to login to manage the portal.
2. Admin can approve prosecutors' registrations.
3. Admin can update/remove prosecutors.
4. Admin can update notifications
5. Admin can manage voting section by adding/removing participants and positions. Admin can also view and post the result.



Non Functional Requirement Specifications

1. User Interface and Human Factors:

The user interface used is a graphical user interface (GUI). When the user clicks buttons, select the checkbox item, uses the mouse or perform any relate action, an interface event occurs. A little training for the user to the system is needed. A preliminary user manual with all user commands, screen formats. An explanation is giving how to feedback and error messages.

2. Modifiability:

The system is consisting with future modifications. In future, if any changes to the system are required they can be done easily without changing the overall.

Non Functional Requirement Specifications

3. Security Issues:

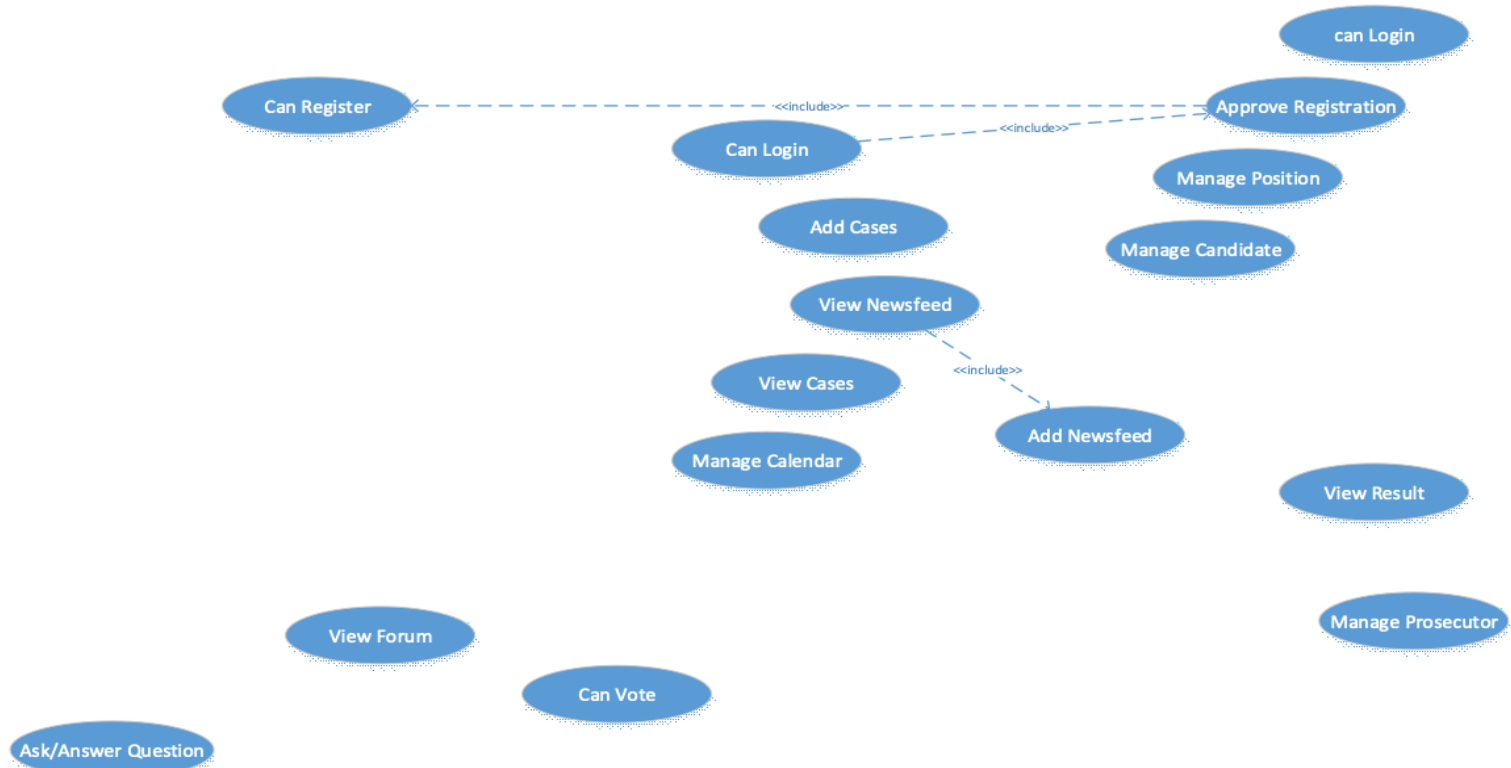
The system is protected against security threats. Security to the system is provided with login and password. Even the passwords are encrypted in the database to provide security.

4. Resource Issues:

Developers should be take concern about resource utilization issues the resources must be used in reasonable and efficient manner. Insufficient use of the resources request in the increase of cost of automation of project over manual system.

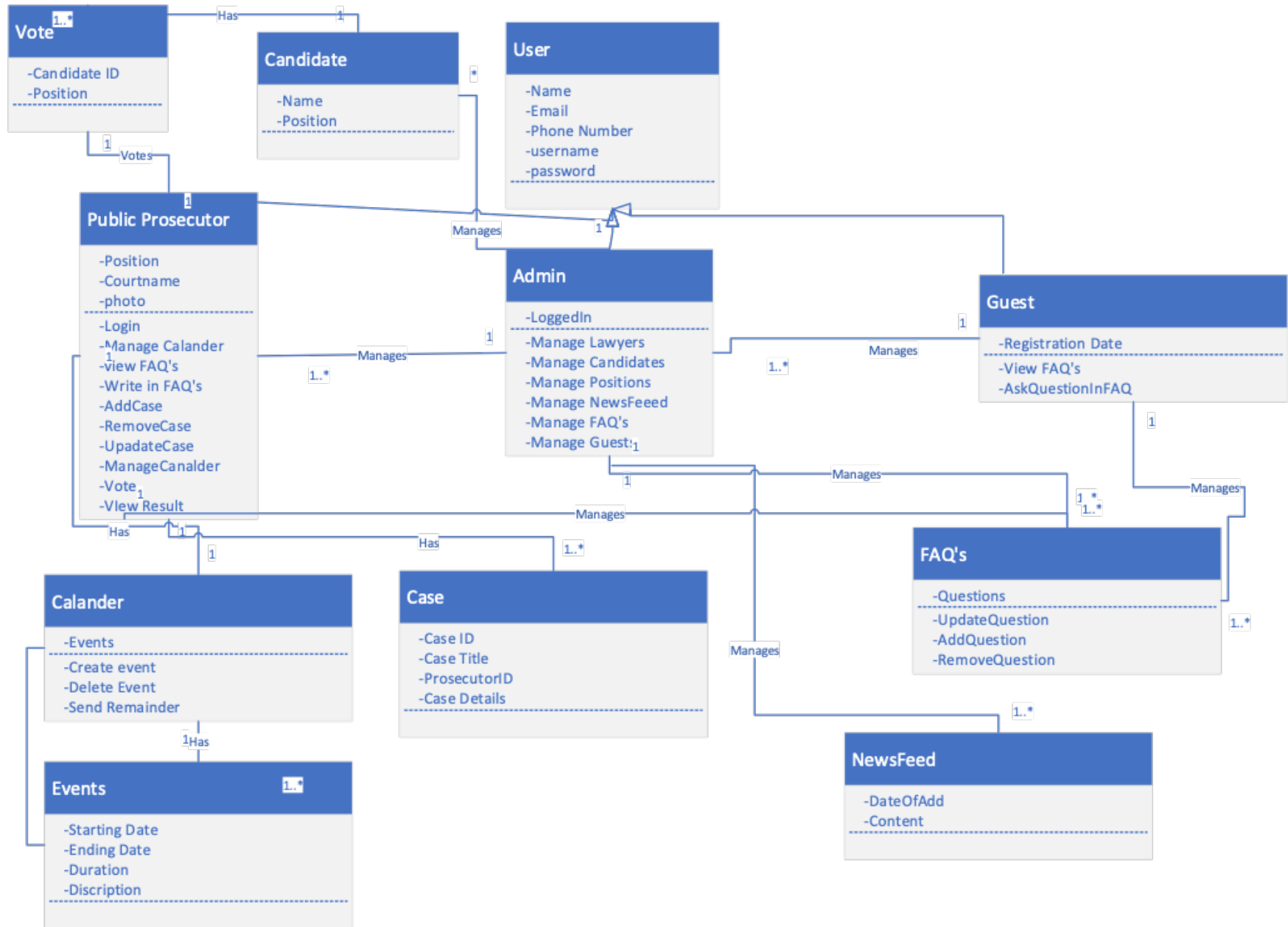
Use Case Diagram

Lawyer's Portal



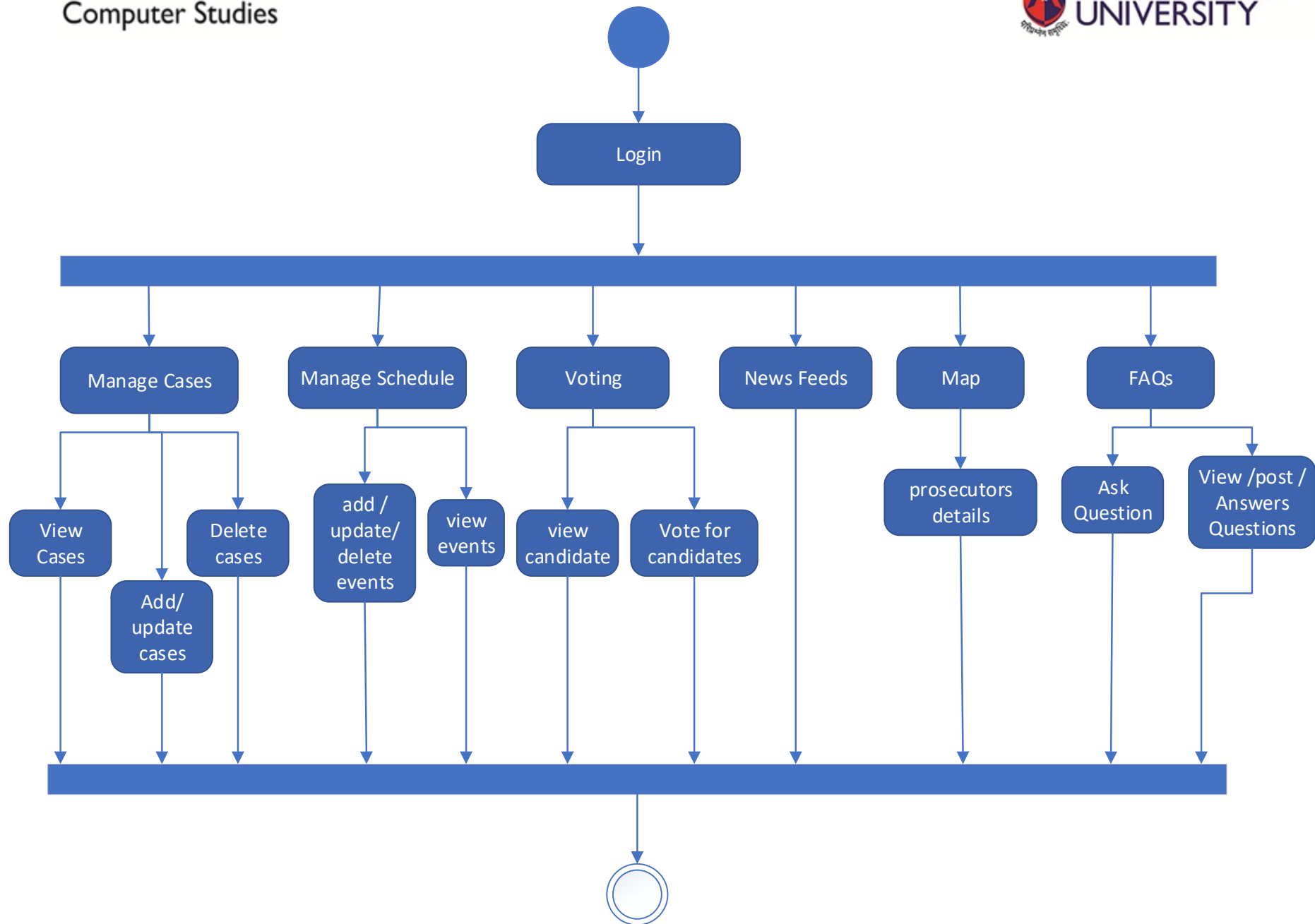
Class Diagram



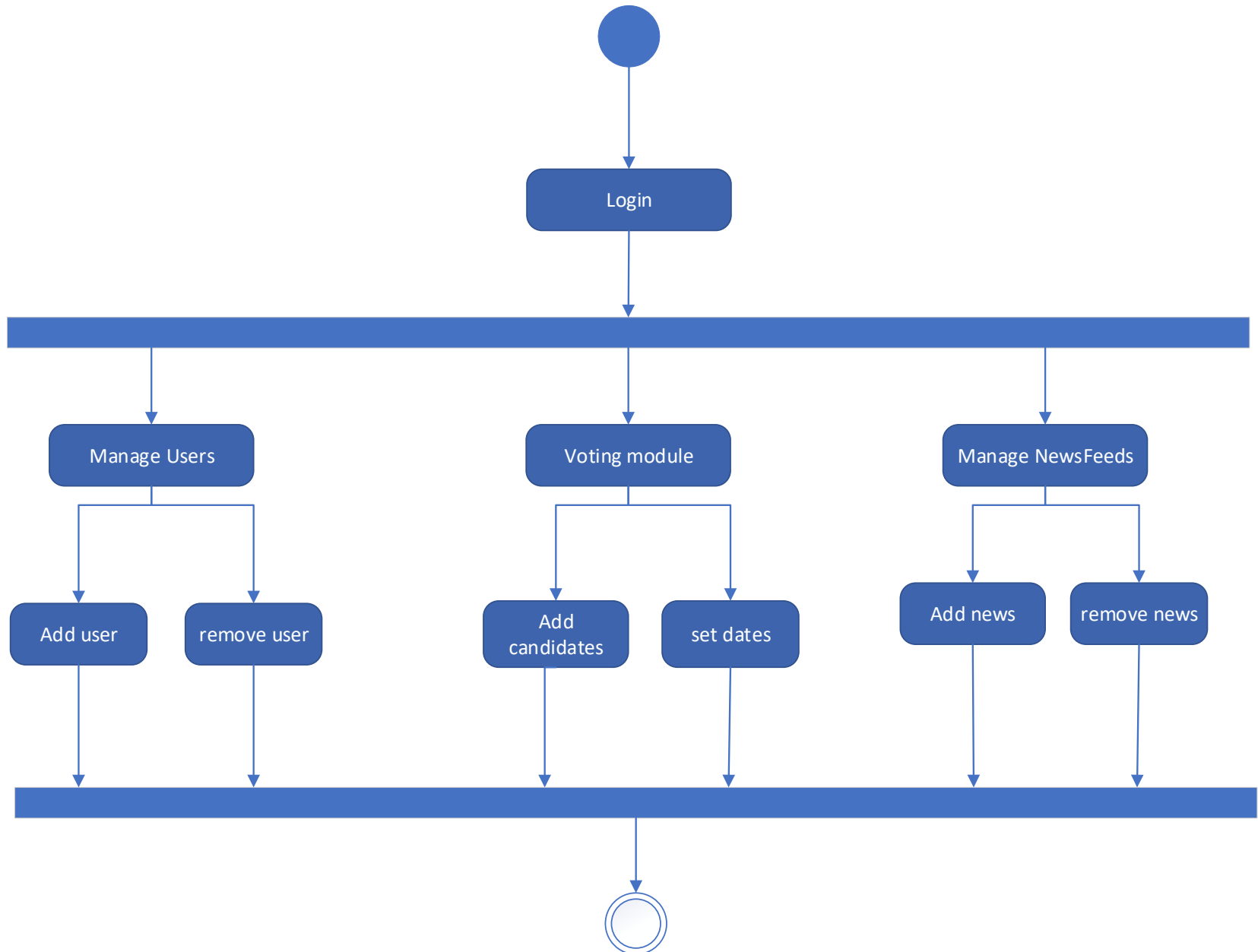


Activity Diagram 1.0 Prosecutors





Activity Diagram 1.1 Admin



Data Dictionary (Table Design)

Admin

Field Name	Data Type	Size	Constraint
Email	varchar(50)	50	Primary
Password	varchar(20)	12	
logged_in	tinyint(1)		

Answer

Field Name	Data Type	Size	Constraint
aid	Int	11	Primary
qid	Int	11	
uid	Int	11	
type	Int	11	
answer	Text	100	

Data Dictionary (Table Design)

Calendar

Field Name	Data Type	Size	Constraint
Id	Int	11	Primary
Pid	Int	11	
Date	Date		
Time	Time		
Message	Text		

Candidate

Field Name	Data Type	Size	Constraint
cid	Int	11	Primary
pid	Int	11	
position_id	Int	11	
year	Year	4	

Data Dictionary (Table Design)

Case Study

Field Name	Data Type	Size	Constraint
id	int	11	Primary
title	varchar	200	
pid	int	11	
visibility	int	11	

Case Study Information

Field Name	Data Type	Size	Constraint
case_id	int	11	Primary
date	datetime		Primary
details	text		
isJudgement	tinyint	1	

Data Dictionary (Table Design)

Newsfeed

Field Name	Data Type	Size	Constraint
id	Int	11	Primary
date	date		
time	time		
message	text		

Position

Field Name	Data Type	Size	Constraint
id	Int	11	Primary
name	varchar	50	

Data Dictionary (Table Design)

Prosecutor

Field Name	Data Type	Size	Constraint
pid	Int	11	Primary
firstname	Varchar	50	
surname	Varchar	50	
photo	longblob		
email	Varchar	100	
mobile	int	10	
username	Varchar	20	
password	Varchar	20	
address	Varchar	100	
City	Varchar	50	
courtname	Varchar	50	
position_id	Int	11	
logged_in	Tinyint	1	
verified	Tinyint	1	



Data Dictionary (Table Design)

Question

Field Name	Data Type	Size	Constraint
qid	int	11	Primary
uid	Int	11	
type	Int	11	
question	text		

Result

Field Name	Data Type	Size	Constraint
pid	Int	11	Primary
position_id	Int	11	Primary
year	year	4	

Data Dictionary (Table Design)

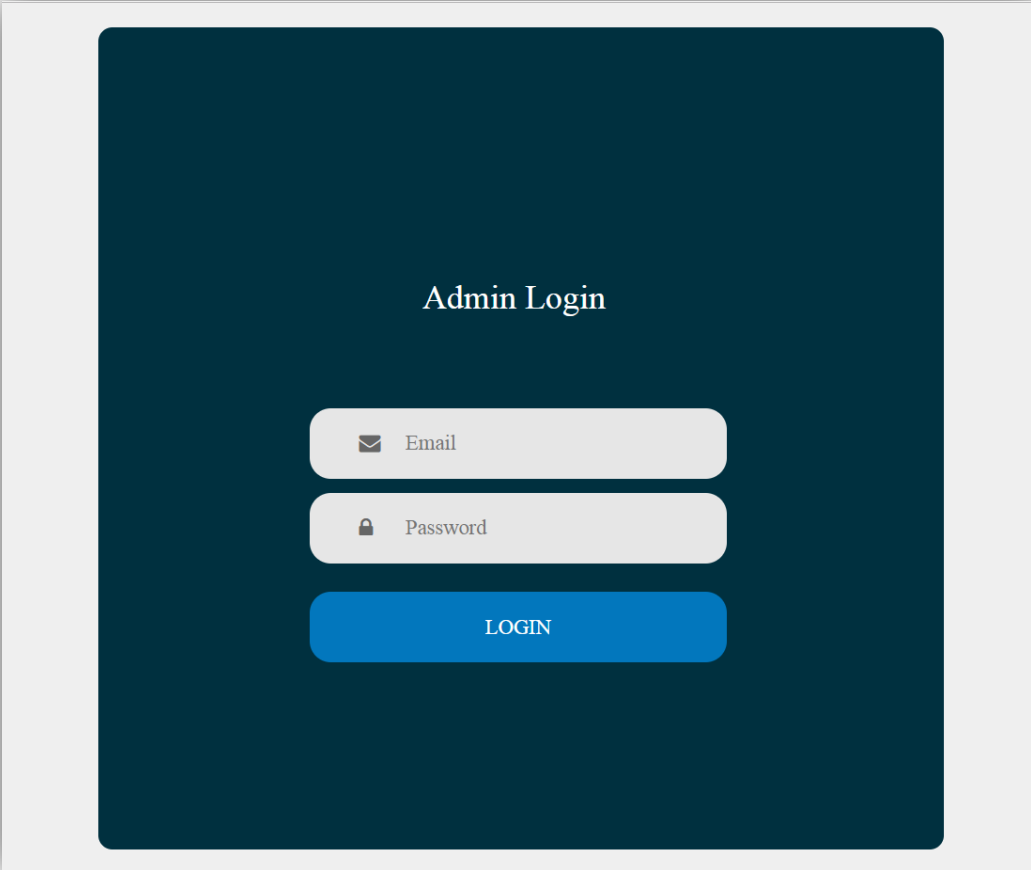
Type

Field Name	Data Type	Size	Constraint
pid	Int	11	
cid	Int	11	
position_id	int	11	

Vote

Field Name	Data Type	Size	Constraint
id	Int	11	Primary
name	varchar	50	

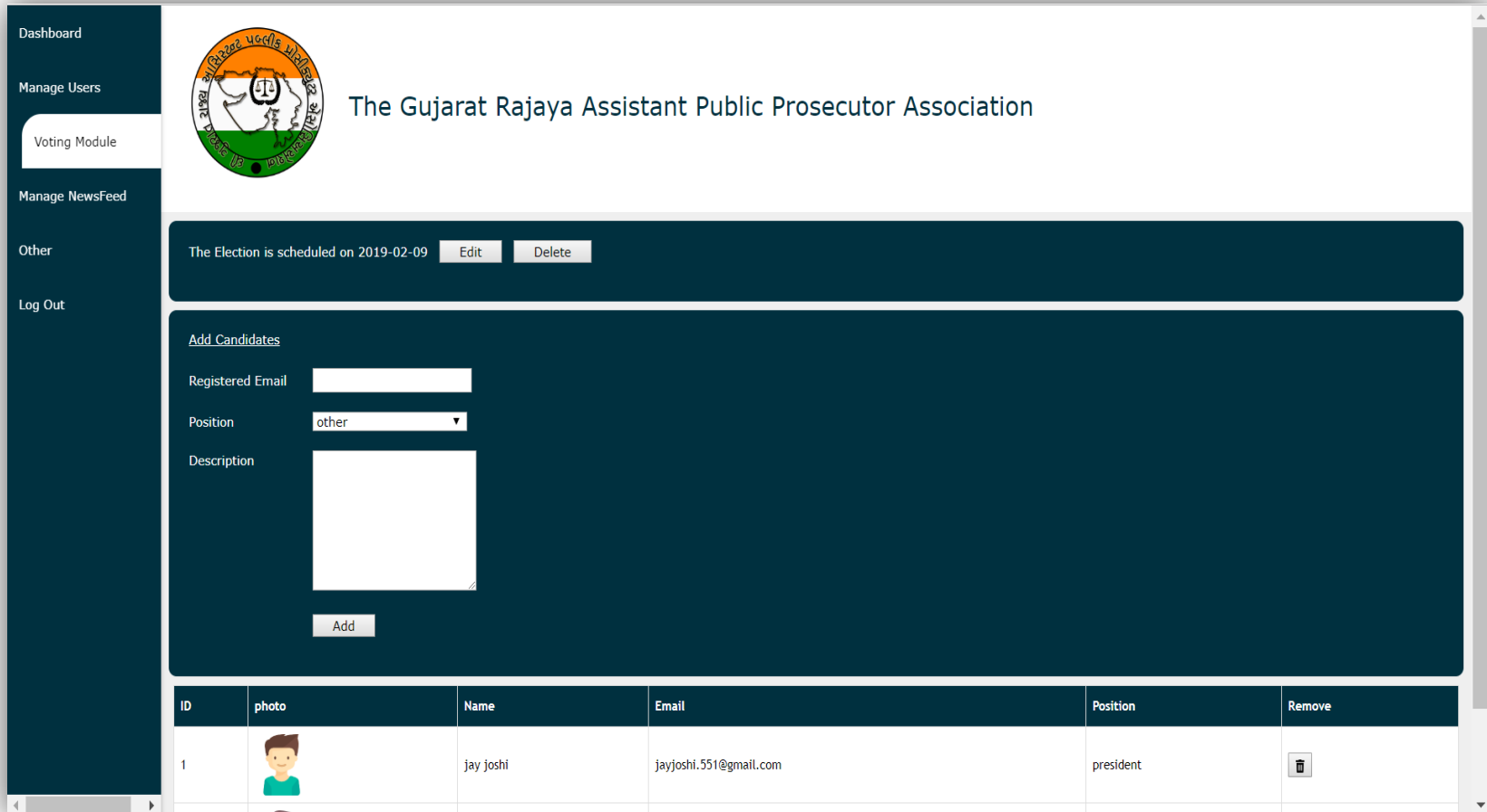
Screen Layouts – Admin Module



The image shows a mockup of an Admin Login page. It features a dark teal background with a light gray border. In the center, the text "Admin Login" is displayed. Below this, there are two input fields: one for "Email" with an envelope icon and one for "Password" with a lock icon. Both fields are light gray with rounded corners. Below the input fields is a blue button with the text "LOGIN" in white capital letters.

Fig. 1 Login Page

Screen Layouts



Dashboard


Manage Users

Voting Module

Manage NewsFeed

Other

Log Out

 **The Gujarat Rajaya Assistant Public Prosecutor Association**

The Election is scheduled on 2019-02-09 [Edit](#) [Delete](#)

Add Candidates

Registered Email

Position

Description

[Add](#)



ID	photo	Name	Email	Position	Remove
1		Jay Joshi	jayjoshi.551@gmail.com	president	

Fig. 2 Voting Module

Screen Layouts



Dashboard

Manage Users

Voting Module

Manage NewsFeed

Other

Log Out

 The Gujarat Rajaya Assistant Public Prosecutor Association

Title :

News :

Add News

Id	Date	Time	Title	News	Edit	Remove
4	2018-04-13	04:39:11	0	The class in the table cell are named "imglcon", but I need to get the ID. In the sample I'm only showing one row but there are several rows so every ID inside the table cell are created dynamically, so the ID varies for every new row.		
9	2018-04-13	12:20:35	0	EZTV		

Fig. 3 Manage Newsfeeds

Screen Layouts

Dashboard




Manage Users

Voting Module

Manage NewsFeed

Other

Approve Prosecutors

ID	photo	Name	Email	MobileNo.	Address	Court Name	Position	Approve	Disapprove
10		Umang Shah	shahumang19@gmail.com	9824467969	14- Hariprasad Nagar B/H Dharnidhar Derasar Vasna Ahmedabad	abcd	president		




ID	photo	Name	Email	MobileNo.	Address	Court Name	Position	Edit	Remove
7		jay joshi	jayjoshi.551@gmail.com	8866071091	1361, mithakhali ahmedabad	bhadra	other		

Fig. 4 Manage Users

Screen Layouts

Dashboard




Manage Users

Voting Module

Manage NewsFeed

Other

Approve Prosecutors

ID	photo	Name	Email	MobileNo.	Address	Court Name	Position	Approve	Disapprove
10		Umang Shah	shahumang19@gmail.com	9824467969	14- Hariprasad Nagar B/H Dharnidhar Derasar Vasna Ahmedabad	abcd	president		




ID	photo	Name	Email	MobileNo.	Address	Court Name	Position	Edit	Remove
7		jay joshi	jayjoshi.551@gmail.com	8866071091	1361, mithakhali ahmedabad	bhadra	other		

Fig. 5 Other

Screen Layouts – Prosecutors Module

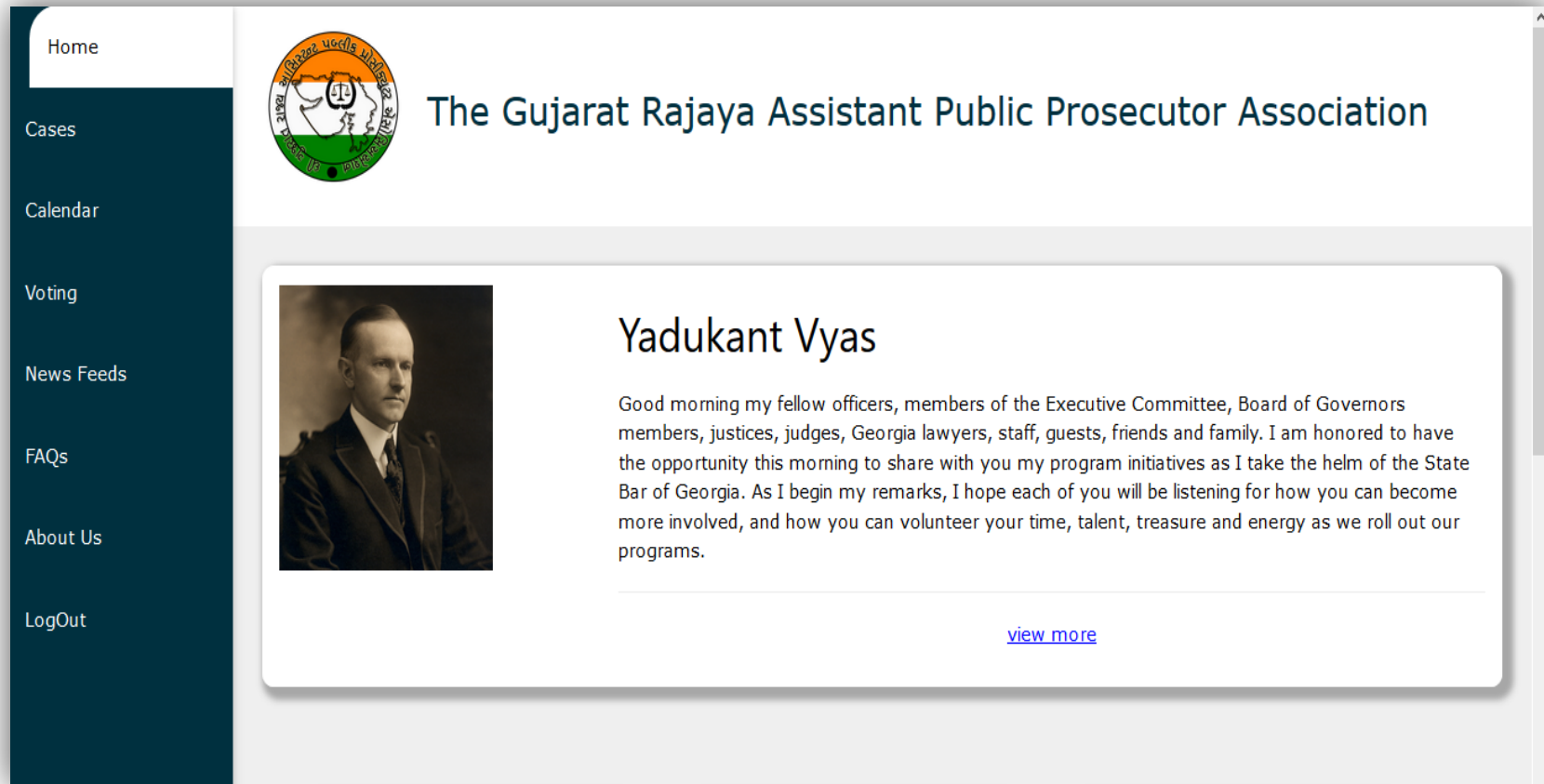


Fig. 6 Home Screen

Screen Layouts – Prosecutors Module

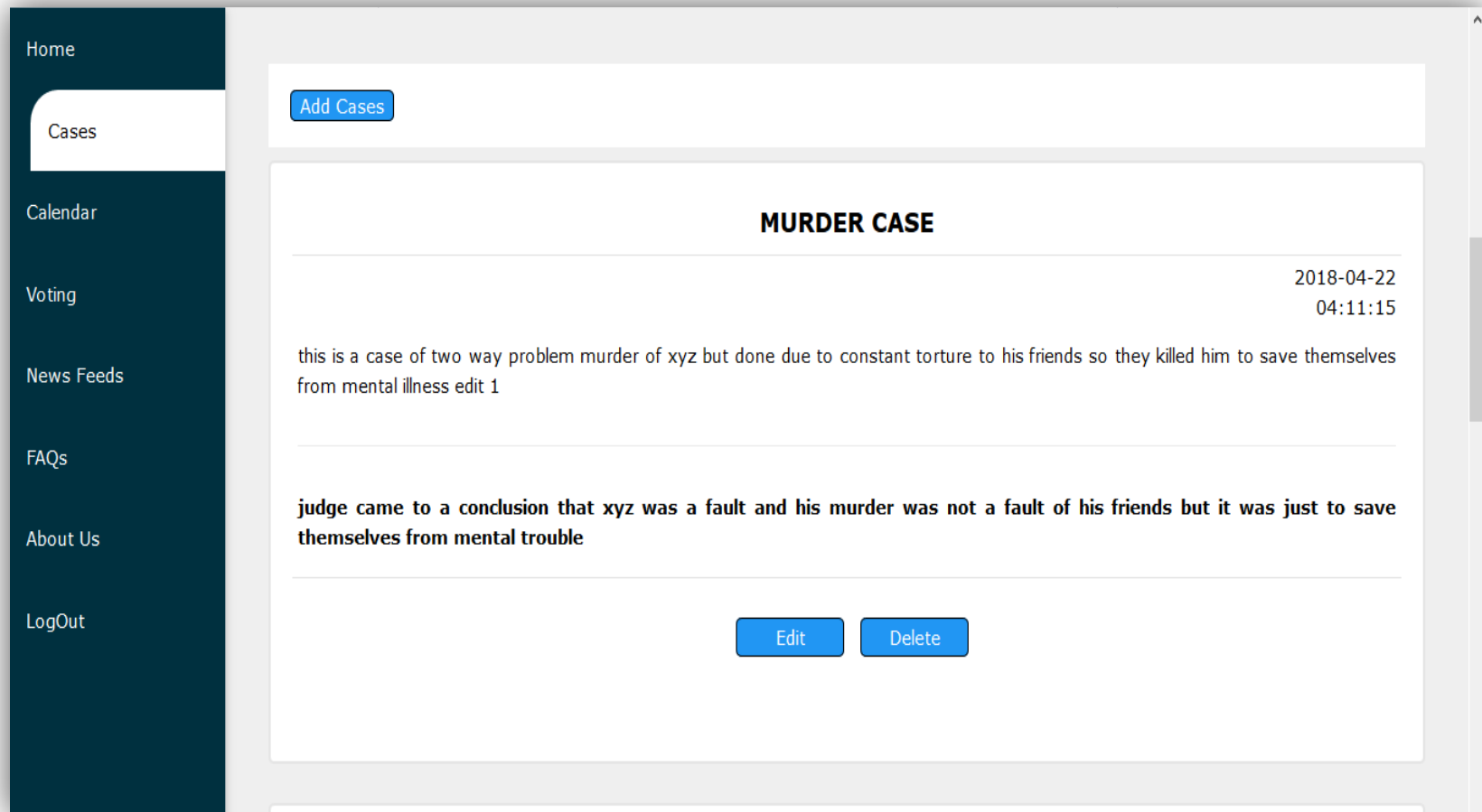


Fig. 7 Cases

Screen Layouts – Prosecutors Module

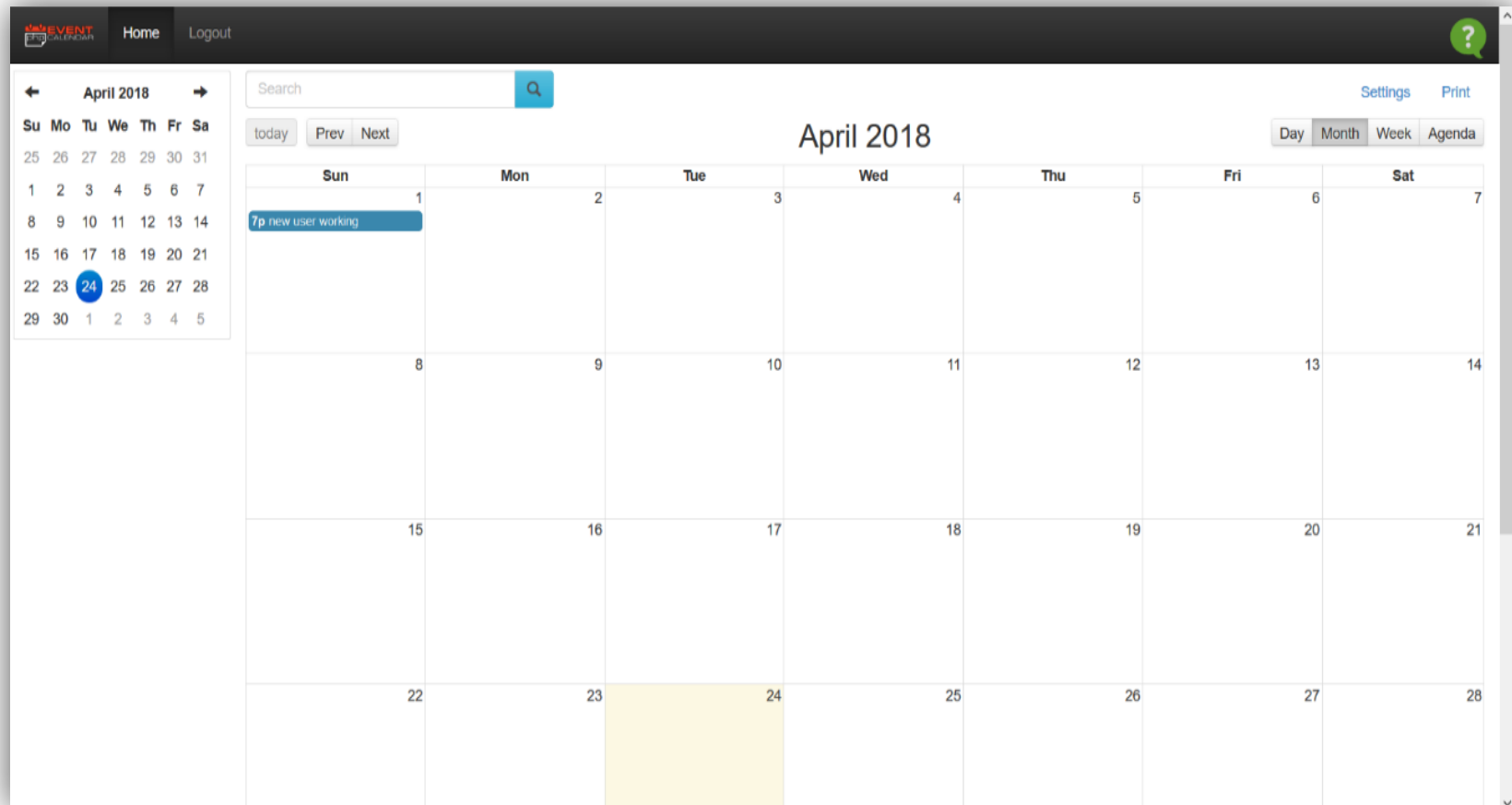


Fig. 8 Calendar

Screen Layouts – Prosecutors Module

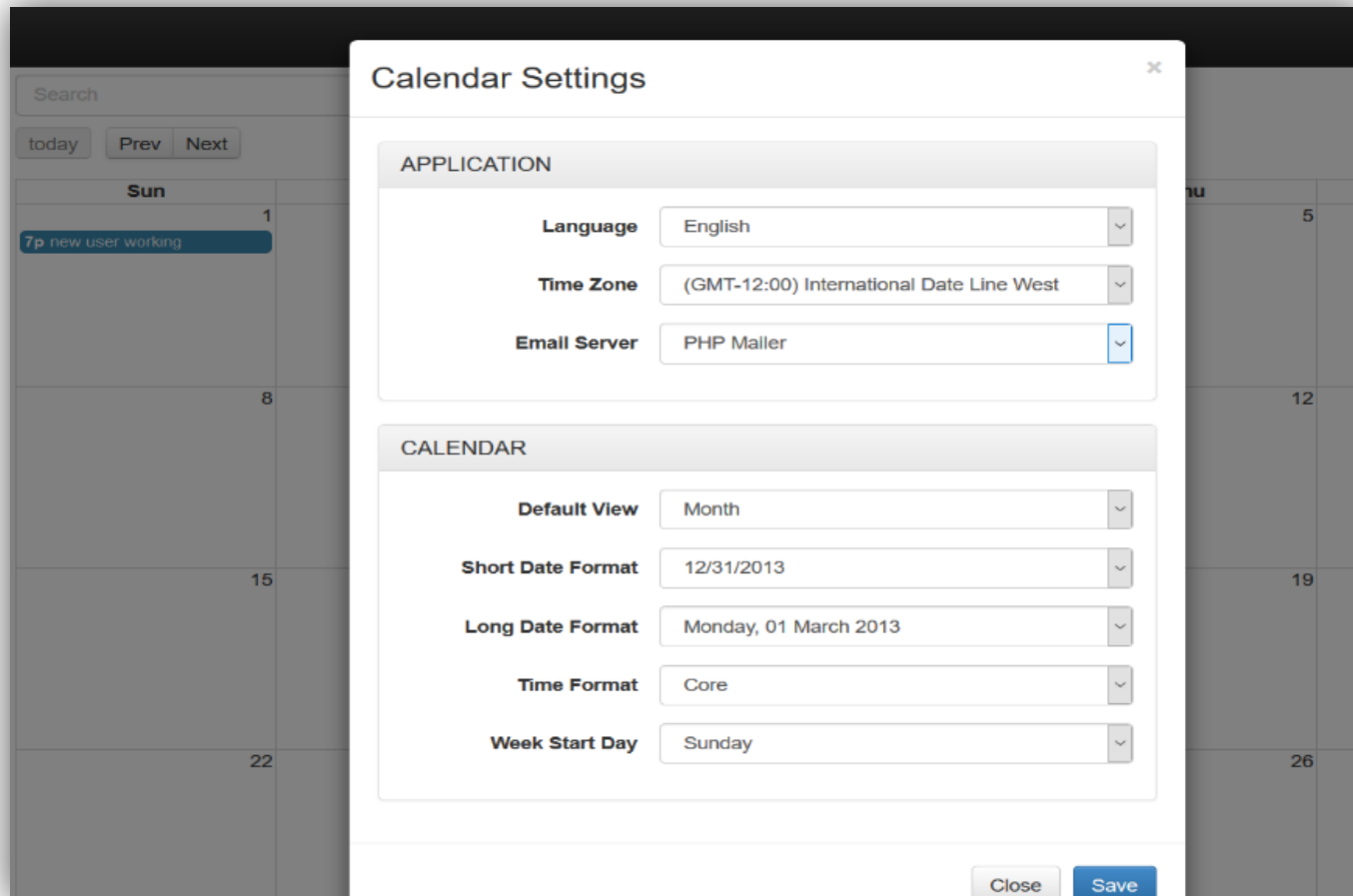


Fig. 8.1 Calendar Settings

Screen Layouts – Prosecutors Module

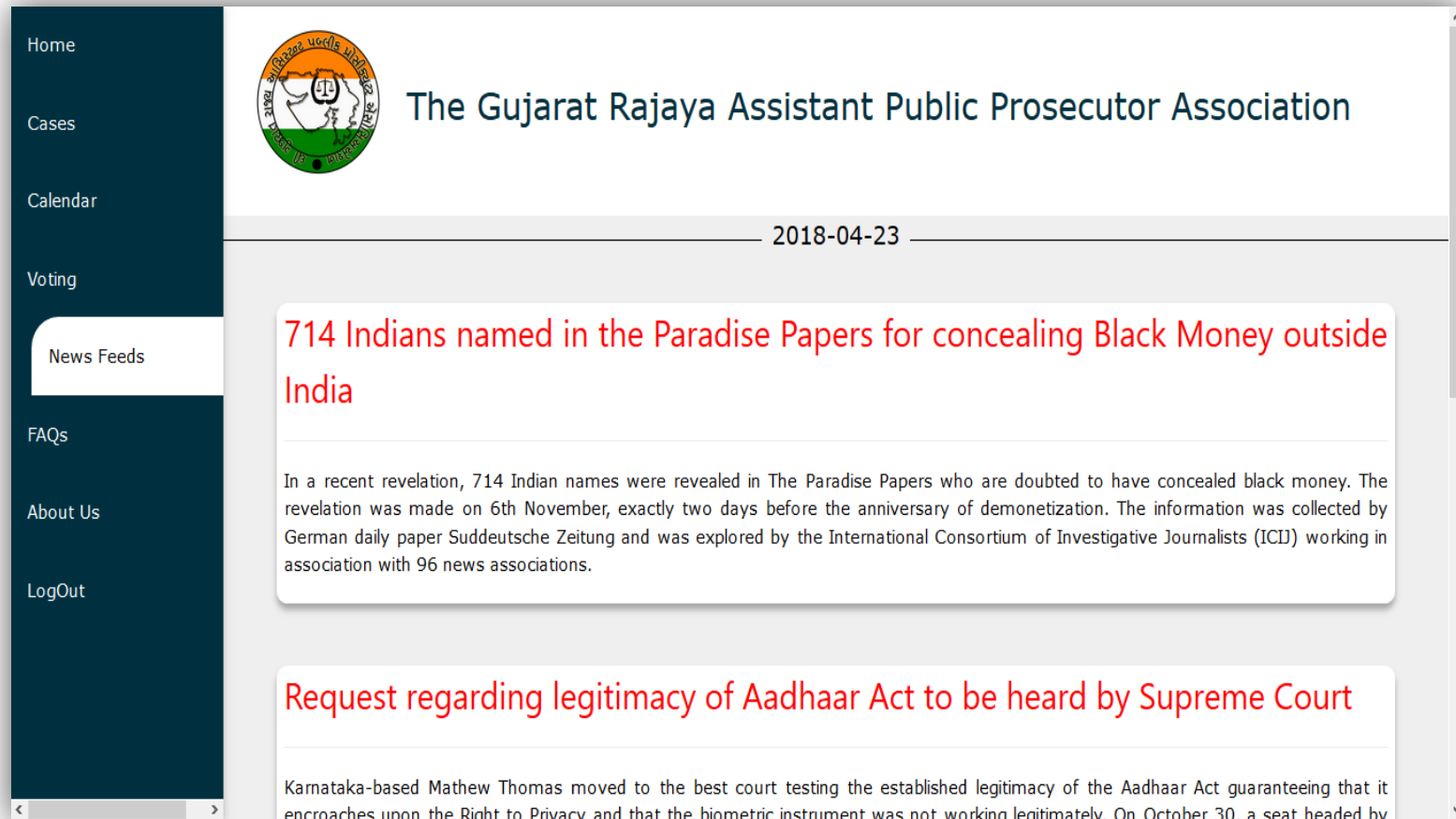


Fig. 9 News Feeds

Screen Layouts – Prosecutors Module

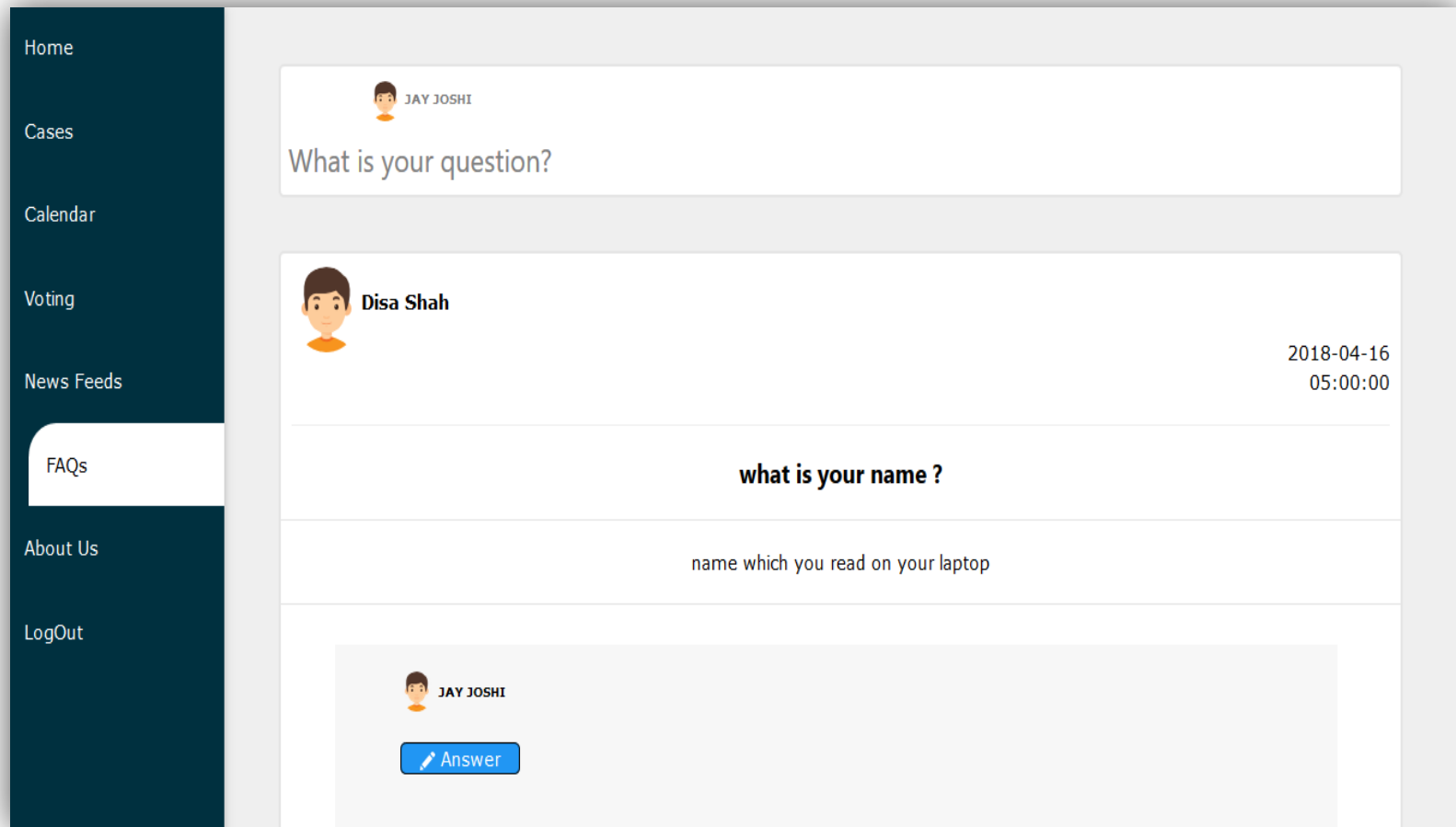


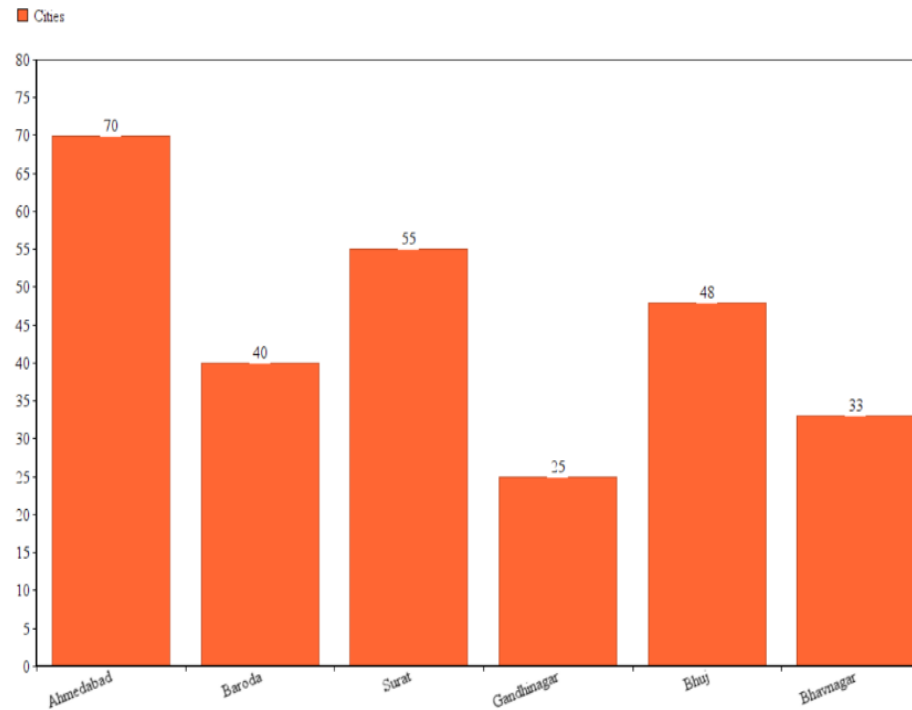
Fig. 10 **FAQs**

Screen Layouts – Prosecutors Module



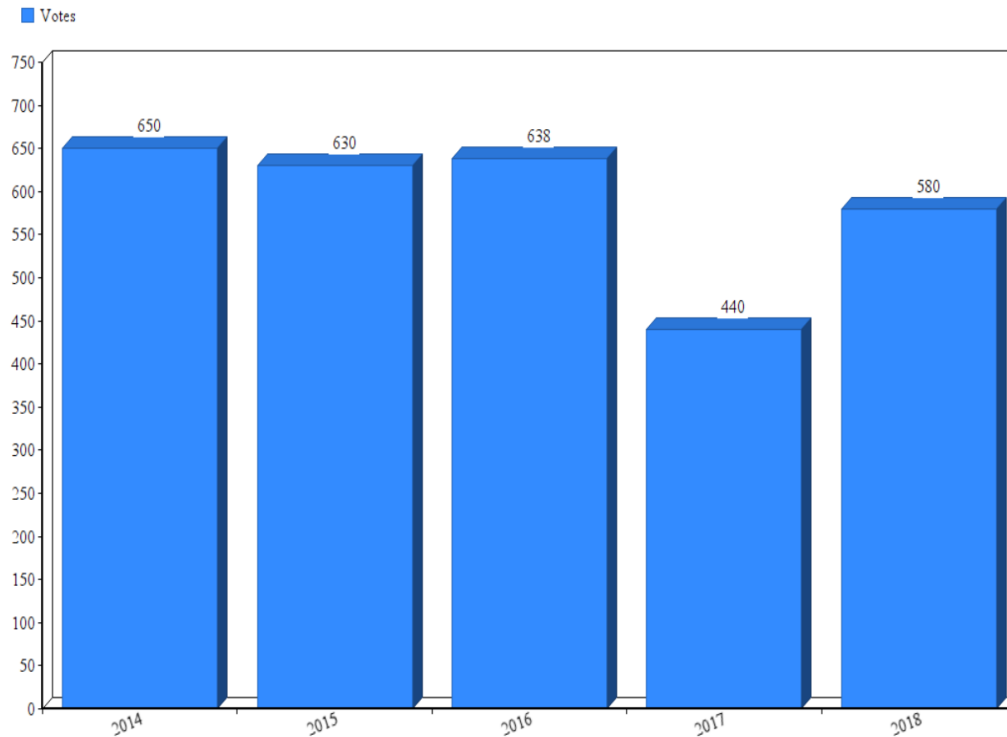
Fig. 11 Voting

Report Layouts



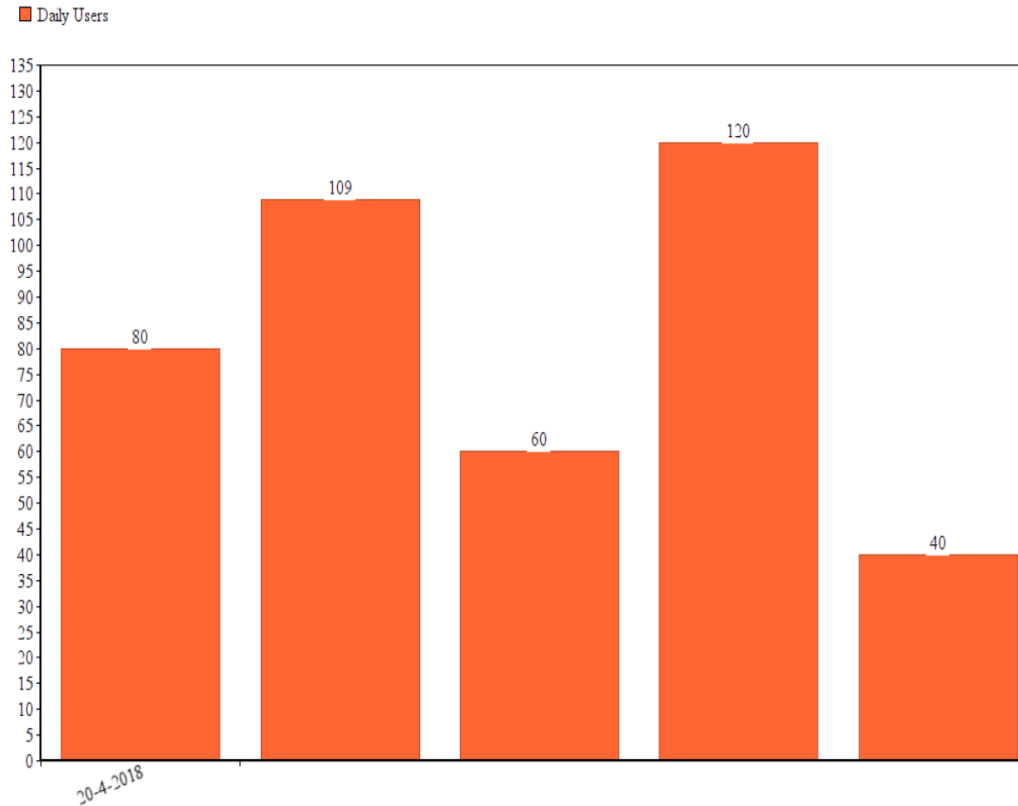
Report 1. City wise prosecutors

Report Layouts



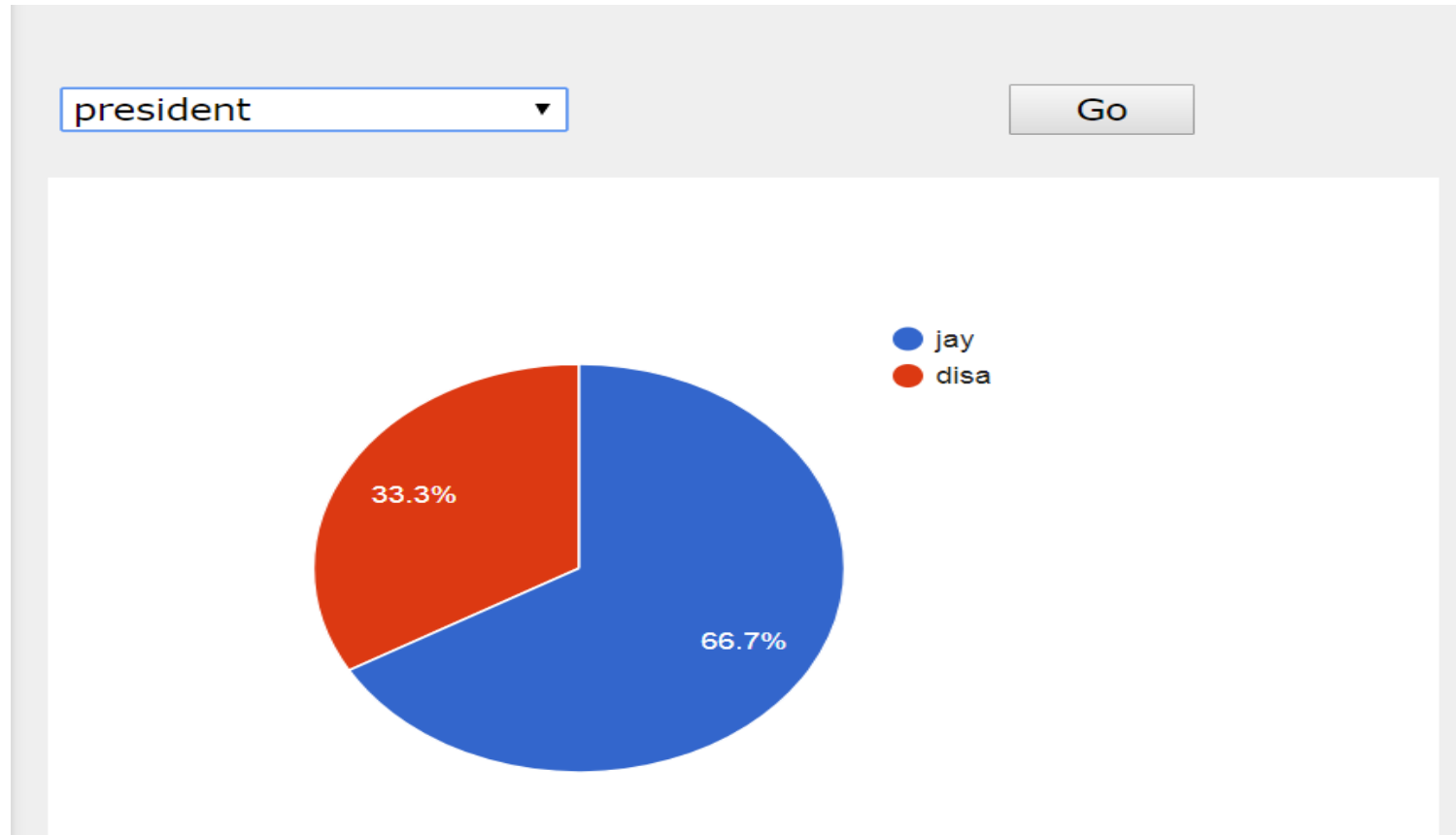
Report 2. Year wise voting

Report Layouts



Report 3. Daily visitors of portal

Report Layouts



Report 4. Position wise result of voting

Enhancement

- The System which has been developed has provided many functionalities to the clients which has improved their legacy system and we have also made sure that we provide all the possible functionalities to our client which can be used in the future as well. Nonetheless there are still few functionalities which we believe should have been added to the system for better productivity and which we could not include due to lack of time and resources.

Some of the Enhancements are listed below

- Allowing Guest users to view the question answer portal and the about us page.
- Adding other features in the calendar such as
 - Different types of views in calendar
 - Provide SMS service
 - Provide Different Categories of event which can be added
 - Provide Day wise view in the calendar(As the least view available currently is of a week)

Enhancement

- Provide Intern Module where
 - Interns can apply for internship looking at the profile of Public Prosecutor
 - Public Prosecutor can decide whether they want the particular Intern to work under them or not looking at their profile
 - Interns can view all the public case details
 - Interns can Ask Questions in the FAQs
- Include the Client Module
 - Where client can ask for the case detail online to their respective public prosecutor
 - Prosecutors can reply to the clients as per their availability
 - Prosecutors can ask for documents to the client if necessary which later can be provided by the client
 - Clients can also be informed about meetings and hearing via email and SMS.
- Provide better and user-friendly Graphic Interface.

Thank you