

“NAS”

(Nagpur Assembly System)

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Abstract : Every year Nagpur handles Assembly in behalf of Maharashtra government. Assembly need high management and security. Earlier the work was manage and maintained the data on papers that had some drawbacks. To eliminate these drawbacks and to manage efficiently a system is designed.

So therefore, a system is proposed named NAS- Nagpur Assembly System. NAS is a website that has all the details of constable, Police Sub Inspector, Police Inspector, Deputy Commissioner of Police, etc. coming for Maharashtra Government Assembly. It gives information like no. of employees, address of employees, where they are posted, which shift they are doing, Attendance, details of Morcha and Bandobast etc. which is needed during the time of the Assembly. This project eliminates the manual work of the management and made for management department of the Maharashtra government and gives the details of each person/employee such as- Constable, Traffic Police, Sub Inspector, Police Inspector, Deputy Commissioner of Police, Director General of Police etc. related to Assembly. It gives the details of the police according to area wise, city wise, on-duty, off-duty, their shift, attendance etc.

I. INTRODUCTION:

The Winter Session of the Maharashtra Consciousness, which includes both of its houses, the Vidhan Sabha and the Vidhan Parishad, is held in Nagpur in November–December-January every year. Nagpur is the auxiliary capital of the state. The session is held at Vidhan Bhavan, Nagpur. Government employees are assembled at Nagpur city with the government work but as all know that every government work needs a perfect security. For the security purpose many government employees come from police department for the bandobast in Nagpur Maharashtra Adhiveshan. Nagpur assembly needs many employees such as Police Commissioner, Police Inspector, Deputy Superintendent of police, constable and many more.

It is too hard and lengthy to manage all data manually. The project is about NAP- Nagpur Adhiveshan Project, where the workload of the management is extinguish and makes the tasks easy. The website “NAP” is developed for the government employees who work for management at the time of Government Assembly in Nagpur city. This website will have many important options which makes facile and easy to work such as Attendance, Reports, Checking the areas, ID cards, Bandobast, Morcha, VIP security details will be available in this website. All the information will be saved and can be accessed whenever needed and option of print is also given.

The Nagpur Assembly system makes the management system of Maharashtra Government easygoing. Maharashtra Assembly is one of the most important session held at Nagpur to make some important decisions and laws. The State Government will launch a website in which all the information, data, records will be maintained about the assembly and the employees working for assembly. In this way, it will be helpful for the managing system of assembly to track the records of the employees and details of ongoing assembly which can be accessed whenever needed.

II. LITERATURE REVIEW

Earlier the work of Nagpur assembly system was done manually. From filling the registration form and making the finale reports all the work was done manually which took lot of time to complete the task and this increased the workload of the management committee. To remove such drawbacks of earlier system i.e. manual work, human-efforts, workload, time consumption etc. a system called NAS is proposed which will be useful for the Government Management System so that the work becomes facile and efficient.

This system will be online, so there is no need to do any of the manual work even ID cards will be provided to the employees. All the information of the employees, vehicle, reports, VIP Security, etc. will be stored in the website. The In-charge or Head can access all the information from any place at any time.

This project “Nagpur Assembly System” which is a website will be launched with an aim to move towards complete digitization according to the digital India where everything will become online. The website of the Maharashtra Assembly will be made by using the latest technologies and programming languages needed for the development of the project.

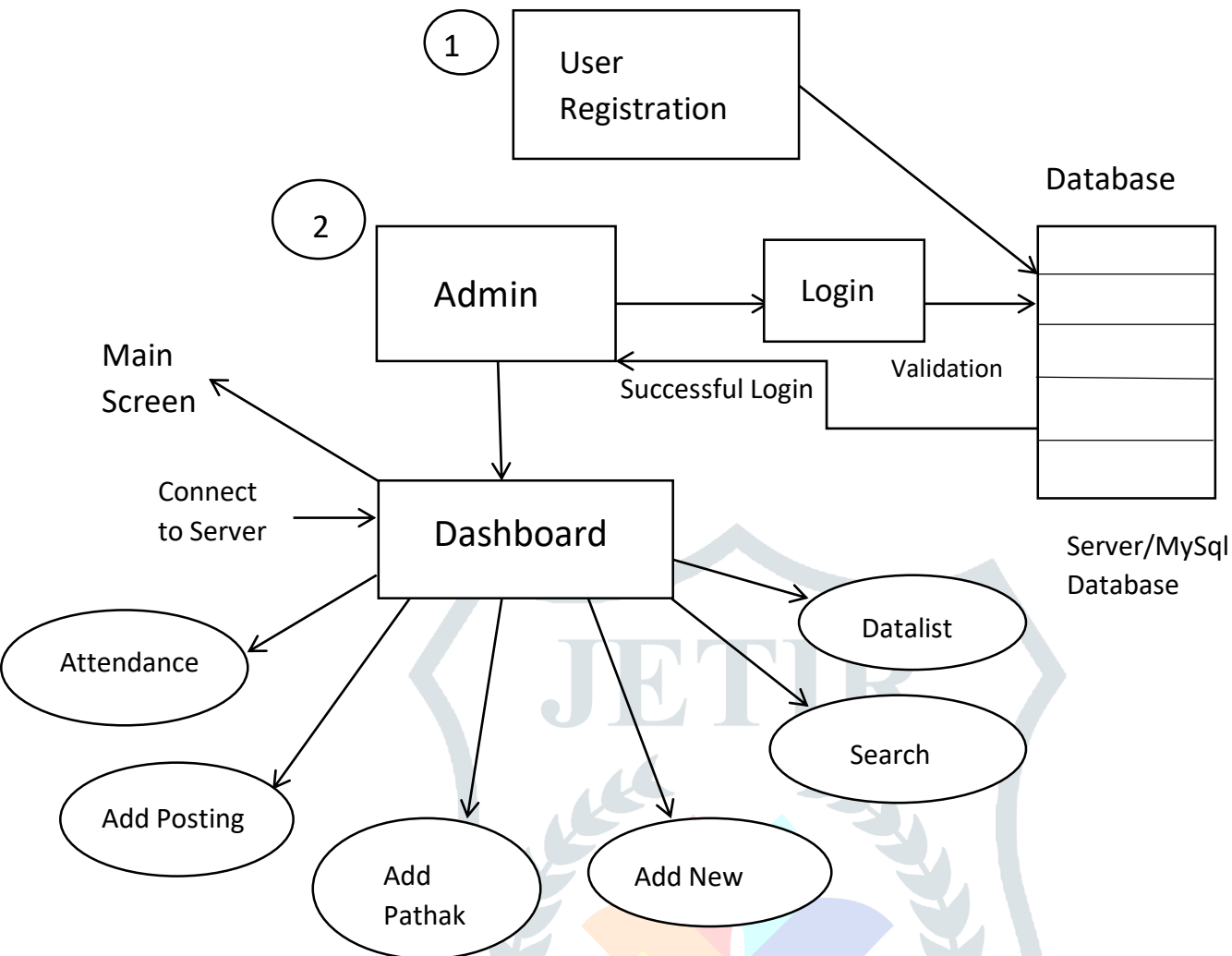


Fig: Architecture of NAS

III. PROPOSED WORK

A system named as NAP – Nagpur Adhiveshan Project is proposed for the Maharashtra Government which will be useful for the Government Management System to eliminate the drawbacks of the earlier system i.e. manual work, human-efforts, time consumption etc. This will help to keep track of reports of day-to-day work of employees, allotment of employees, Aamad confirmation list and etc.

This section describes the modules of NAP:

- **Reporting Form:** It is the first module where online registration of employees is done to participate in the Assembly of Maharashtra government.
- **Login Page:** It is the second module of the project where User ID and Password is given to access the website so that no other person can use it.
- **Quick Result:** In this module summary of information is given such as- How many employees arrived, Details of allotment of duties, Information of Morchas with their time, path and organisation's name, How many employees left, How many employees got their IDs as per the designation.
- **Reports:** In this module the report of Attendance, Bandobast, Morcha Pathak, VIP Security, etc. is generated with the information of Date, Unit, Branch, Names, Confirmation and etc. Last 50 reports will be seen or the limit can be set as per needs.
- **Posting:** In this module, information about posting of employees is given. Posting will be done city wise, area wise, station wise. The employees which are posted will be highlighted so that it can be easy to find those who are not posted

- **Morcha Pathak:** This module shows the way, path, starting point and end point, time of Morcha organizations. There is option to add the information related to Morcha so that everyone gets the details of it.
- **Attendance:** This module shows the attendance of the employees and only the In-charge of the committee can take the attendance to avoid false information.
- **VIP Security Details :** In this module details of VIP people are given such as- which vehicles are used for them and which security committee is provided to the VIPs which includes Ministers.
- **Vehicle:** This module give the details that how many vehicle is used during the assembly and which vehicle is allotted to the employees.
- **Wireless Employees:** This module shows the list of employees using wireless technology such as Walkie-talkie at the Bandobast to communicate with each other. This have options of Adding and searching list and Emergency Control Room Chart.
- **Accessory:** In this module the employees who is working at the time of assembly they needed some accessory like Lathi, walky-talky, Helmet, Binocular, Night vision Binocular etc.

IV. RESULTS AND DISCUSSION

Module 1: Reporting form

The screenshot shows a web interface for the Nagpur Assembly. At the top, there is a blue header with the text "NAGPUR ASSEMBLY". Below the header, the main content area is titled "Reporting Form :-". The form contains several input fields: "Unit" (a dropdown menu with "Select Unit"), "Full Name" (a text input field with "Enter Full Name"), "Photo" (a file upload button labeled "Choose File" and "No file chosen"), "Designation" (a dropdown menu with "Select Designation"), "Contact" (a text input field with "Enter Contact Number"), "Blood Group" (a dropdown menu with "Select Blood Group"), and "Type of Duty" (a dropdown menu with "Select Duty Type"). At the bottom of the form, there is a blue button labeled "Submit Report". In the bottom right corner of the page, there is a small text link that says "Activate Wir Go to PC setting".

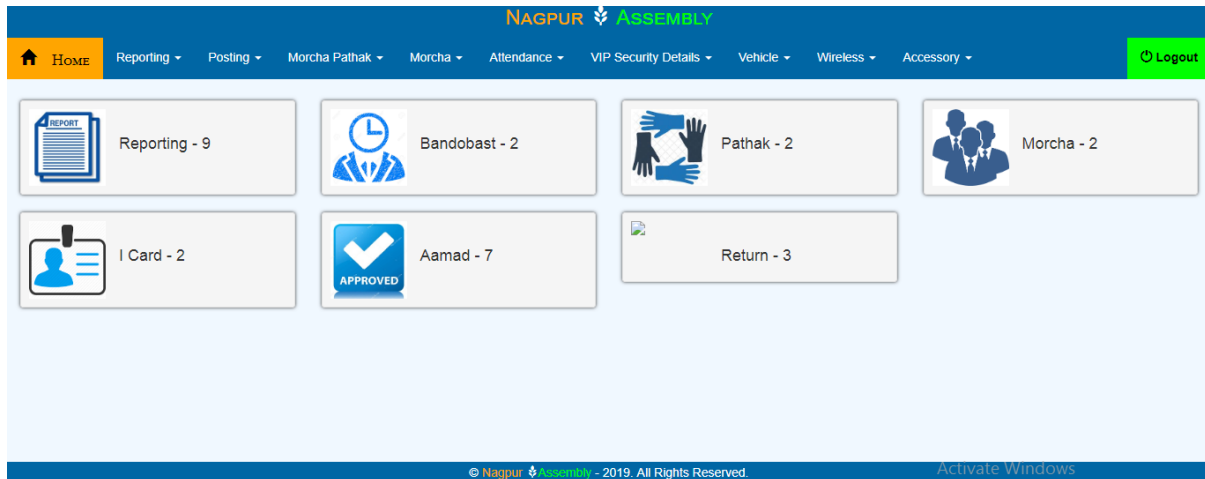
Reporting form: It is the first module where online registration of employees is done to participate in the Assembly of Maharashtra government.

Module 2: Log in page

The screenshot shows a web interface for the Nagpur Assembly. At the top, there is a blue header with the text "NAGPUR ASSEMBLY". Below the header, the main content area is titled "Admin Login". The login form contains two input fields: "Enter Username" (with a user icon) and "Enter Password" (with a lock icon). At the bottom of the form, there is a blue button labeled "Login".

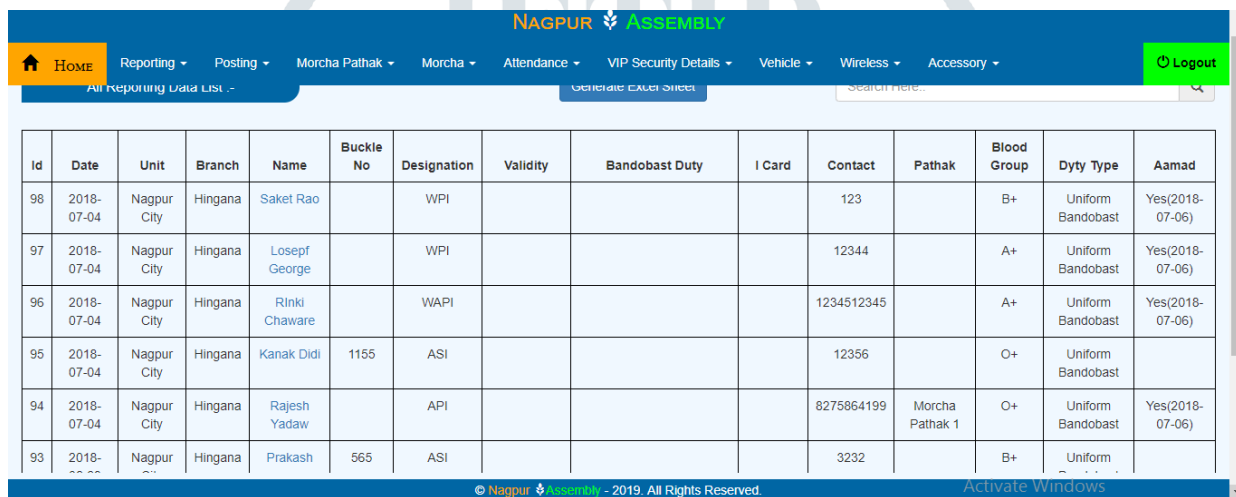
Log in page: It is the second module of the project where User ID and Password is given to access the website so that no other person can use it.

Module 3: Quick Result



Quick Result: This module contains the information of the allotment of duties, Information of Morchas with their time, path and organisation’s name, how many employees left, how many employees got their IDs as per the designation.

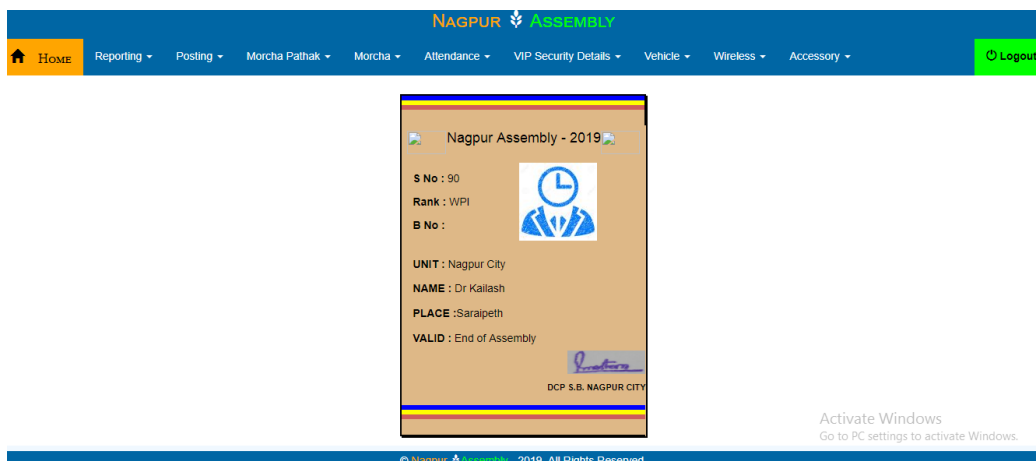
Module 4: Reports



Reports: In this module the report of Attendance, Bandobast, Morcha Pathak, VIP Security, etc. is generated with the information of Date, Unit, Branch, Names, Confirmation and etc. Last 50 reports will be seen or the limit can be set as per needs.

- Reporting Data: : This module consist of complete information about the employees (Police). Information like Id no. ,unit ,branch ,name , buckle no., contact no., etc.
- Duty Pass & I-Card List
- Blank Form: This module is for adding new entry for making I-Card.

Duty Pass &I-Card List:



Module 5: Posting

Check	Sr No	Date	Unit	Branch	Name	Buckle No	Designation	Validity	Bandobast Duty	Contact	Blood	Duty Type	Aamad	Action
	1	2018-06-23	Nagpur City	Hingana	Dr Kailash		WPI	1 2 till the end	Vidhan Bhavan Inner Precincts (A)	9579047478	B+	Uniform Bandobast	Yes(2018-06-29)	EDIT DELETE
	2	2018-07-04	Nagpur City	Hingana	Losepf George		WPI			12344	A+	Uniform Bandobast	Yes(2018-07-06)	EDIT DELETE
	3	2018-07-04	Nagpur City	Hingana	Saket Rao		WPI		Vidhan Bhavan Inner Precincts (A)	123	B+	Uniform Bandobast	Yes(2018-07-06)	EDIT DELETE
Return	4	2018-07-04	Nagpur City	Hingana	Rajesh Yadaw		API		Vidhan Bhavan Inner Precincts (A)	8275864199	O+	Uniform Bandobast	Yes(2018-07-06)	EDIT DELETE
	5	2018-07-04	Nagpur City	Hingana	Rinki Chaware		WAPI			1234512345	A+	Uniform Bandobast	Yes(2018-07-06)	EDIT DELETE
Return	6	2018-06-28	Nagpur City	Hingana	Dayanand		WPSI		Vidhan Bhavan Inner Precincts (A)	9890396652	O+	Uniform Bandobast	Yes(2018-06-29)	EDIT DELETE

Posting: In this module, information about posting of employees is given. Posting will be done city wise, area wise, station wise. The employees which are posted will be highlighted so that it can be easy to find those who are not posted.

- Station Wise Report: This module consist station wise data, and information about the bandobast (security check points) areas.
- Filter Reports: This module consist city wise data, and data information of the
- Fix Posting: This module is for fixing the post of the employee.
- Fix Posting Nagpur: This Module is for fixing post within Nagpur city.
- Fix Posting Search: This module is for searching posts of the employee.

Module 6: Morcha Pathak

Check	Sr No	Date	Unit	Branch	Name	Buckle No	Designation	Validity	Bandobast Duty	Contact	Blood	Duty Type	Aamad	Pathak	Action
	1	2018-06-23	Nagpur City	Hingana	Dr Kailash		WPI	1 2 till the end	Vidhan Bhavan Inner Precincts (A)	9579047478	B+	Uniform Bandobast	Yes(2018-06-29)		EDIT
	2	2018-06-28	Nagpur City	Hingana	Dayanand		WPSI		Vidhan Bhavan Inner Precincts (A)	9890396652	O+	Uniform Bandobast	Yes(2018-06-29)		EDIT
	3	2018-06-28	Nagpur City	Hingana	Dinesh		WPSI	End of Assembly		9579047478	B+	S B Plain Cloth	Yes(2018-06-29)	Morcha Pathak 1	EDIT
	4	2018-07-04	Nagpur City	Hingana	Rajesh Yadaw		API		Vidhan Bhavan Inner Precincts (A)	8275864199	O+	Uniform Bandobast	Yes(2018-07-06)	Morcha Pathak 1	EDIT
	5	2018-07-04	Nagpur City	Hingana	Rinki Chaware		WAPI			1234512345	A+	Uniform Bandobast	Yes(2018-07-06)		EDIT

Morcha Pathak: This module shows the way, path, starting point and end point, time of Morcha organizations. There is option to add the information related to Morcha so that everyone gets the details of it.

- Add New Morcha Pathak : This module is to add new morcha, it consist name of an organisation, morcha starting point, ending point of morcha, date and time.
- Search Morcha Pathak : This module is use for searching morcha Pathak for setting security on the path of morcha.

Module 7: Morcha

Sr No	Organisation	Naitrutv	Starting Point	Date	Time	Stopping Point	Pathak No	Pathak Pramukh	Sobat	Action
1	yuva swarajya	anup khadakkar	reshimbagh	2017-11-30	11:33	vidhan bhavan	Morcha Pathak 2	rakesh urade	klklk	EDIT DELETE
2	Vidarbha NGO	Wankhede Sir	Sitabuldi	2018-06-23	11:30 am	Vidhan Bhavan	Morcha Pathak 4	Jiwode Sir	mmmm , fffff	EDIT DELETE

Morcha: This module consist the information about the morchas like name of an organisation, date of morcha, timing, Pathak no., Pathak pramukh ,etc.

- Add New Morcha: This module is for adding information about Morcha organisation.
- Search morcha: This module is for searching information about Morcha organisation.
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Module 8: Attendance

Check	Sr No	Date	Point	Buckle	Designation	Unit	Name	Contact	Status	Login Time	LogOut Time
	1	2019-02-21	Vidhan Bhavan Inner Precincts (A)		WPI	Nagpur City	Dr Kailash	9579047478	Absent	14:48	
<input type="checkbox"/>	2	2019-02-21	Vidhan Bhavan Inner Precincts (A)		WPI	Nagpur City	Saket Rao	123	Present	14:48	
<input type="checkbox"/>	3	2019-02-21	Vidhan Bhavan Inner Precincts (A)		API	Nagpur City	Rajesh Yadaw	8275864199	Present	14:48	
<input type="checkbox"/>	4	2019-02-21	Vidhan Bhavan Inner Precincts (A)		WPSI	Nagpur City	Dayanand	9890396652	Present	14:48	

Attendance: This module shows the attendance of the employees and only the In-charge of the committee can take the attendance to avoid false information.

- Get Attendance: This module is for in charge to take attendance.
- Search Attendance: This module give the information of off duty and on duty employees.
- Send SMS: This module is for sending any information through SMS to the employees.
- Send SMS, Pathak: This module send the Information about the Pathak.

Module 9: VIP Security Details

VIP Security Details: In this module, detail of VIP people are given such as- which vehicles are used for them and which security committee is provided to the VIPs which includes Ministers.

- Add New VIP: This module is for adding new VIP entry with their complete details like name, designation, camp, etc
- Search VIP List: This module is for searching list of VIP coming for Assembly for their (VIP) security purpose.

Module 10: Vehicle

The screenshot shows the 'Add New Vehicle Details' form. The fields are as follows:

Vehicle	Escot Vehicle
Name	Nitin Gadkari
Designation	Minister
Place of duty	vidhan sabha
Driver Details	Ramesh Mob No. 256789654
Gadi No.	MH 40 ab657
Vehicle Type	Car

At the bottom of the form, there is a copyright notice: © Nagpur Assembly - 2019. All Rights Reserved. There is also a watermark for 'JETIR' in the background.

Vehicle: This module is for Vehicle details like vehicle name, owner of the vehicle, designation, place of duty, driver details, vehicle no., and vehicle type.

- Add New Vehicle: This module is for adding new vehicle.
- Search Vehicle: This module is for searching Vehicle for security purpose.

Module 11: Wireless

The screenshot shows the 'Add New Wireless Details' form. The fields are as follows:

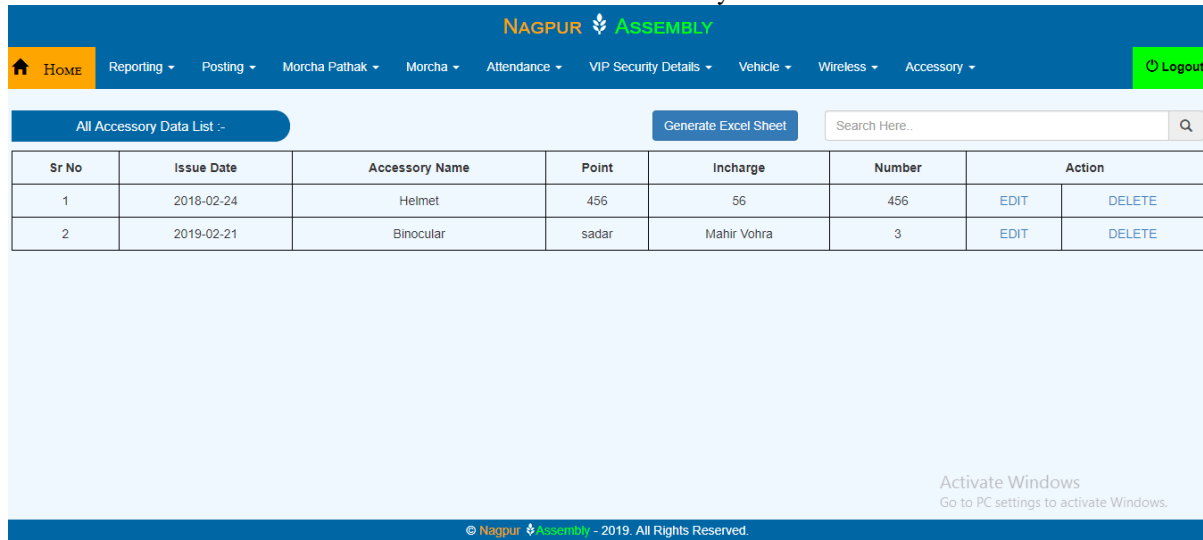
Name	Anup Kaddakar
Designation	RTPC
Contact	23466789
Place of Duty	vidhan sabha

At the bottom of the form, there is an 'Update' button. There is also a copyright notice: © Nagpur Assembly - 2019. All Rights Reserved. There is also a watermark for 'JETIR' in the background.

Wireless: This module shows the list of employees using wireless technology such as Walkie-talkie at the Bandobast to communicate with each other. This have options of Adding and searching list and Emergency Control Room Chart.

- Add New Wireless: This module is for adding new wireless details like, name, designation, contact, place of duty.
- Search Wireless List: This module consist the information about the wireless technologies such as walkie-talkie for any emergence situation.
- Emergency Control Room Chart: This module is for gathering information at any emergence situation.

Module12: Accessory



All Accessory Data List :-

Sr No	Issue Date	Accessory Name	Point	Incharge	Number	Action	
1	2018-02-24	Helmet	456	56	456	EDIT	DELETE
2	2019-02-21	Binocular	sadar	Mahir Vohra	3	EDIT	DELETE

Activate Windows
Go to PC settings to activate Windows.

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Accessory: This module gives the list of accessories such as Laathi, Helmet, Binocular, Night Vision Binoculars, Video Camera and etc and information about to whom its given.

- Add New Accessory: This module is for adding any new accessory given to the employee.
- Search Accessory: This consist all the details about accessory like issue date, name of accessory, point, in charge name.

V. CONCLUSION:

Today's generation wants do smart work instead of hard work. Manual work is time consuming and need lots of human effort. To save the energy, time and workload the NAS website will be implemented where you can get the complete details from any place at any time. This made the work of the employees a lot easier. This website helps to get the information very easily and quickly which can be accessed from the site.

V. REFERENCE:

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- 6) https://en.wikipedia.org/wiki/Politics_of_Maharashtra