

“NAP”

(Nagpur Adhiveshan Project)

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Abstract : At the time of the Assembly of Maharashtra Government, earlier the work was managed manually and maintained the data on papers was difficult. To eliminate these drawbacks a system is designed, named NAP- Nagpur Adhiveshan Project coming for Maharashtra Government Assembly. It gives information like - Constable, Traffic Police, Sub Inspector, Police Inspector, Deputy Commissioner of Police, Director General of Police etc. related to Assembly no. of employees, address of employees, where employees are posted, which shift employees are doing, Attendance, details of Morcha and Bandobast etc. which is needed during the time of the 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 Legislature, which includes both of its houses, the Vidhan Sabha and the Vidhan Parishad, is held in November–December–January, Nagpur is the auxiliary capital of the state, so Maharashtra state prepares an Assembly in Nagpur city every year. Government employees are assembled at Nagpur city for the government work but as all know that every government work needs a perfect security and proper data management for accessing the data easily.

For the security purpose many government employees come from police department for the bandobast in Nagpur Adhiveshan. Nagpur assembly needs many employees such as Police Commissioner, Police Inspector, Deputy Superintendent of police, constable, Special Police Unit, Police Sub Inspector etc. It is strenuous and lengthy to manage all data manually. The project is about NAP- Nagpur Adhiveshan Project, where the workload of the management is eliminate and makes the tasks facile. “NAP” is a website which is developed for the government employees who works for management at the time of Government Assembly in Nagpur city. This website will have many important options which makes facile and trouble free 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.

“NAP” Nagpur Adhiveshan Project helps to keep the complete track of details and information of the Reports, Employees, Morcha, Attendance, Bandobast, Rallies, and Security of Areas. If management needs more police at some areas it will be easy to track them which are not on duty as the on-duty employees will be highlighted so that it becomes more convenient to find out which are not yet allotted and can allot the duties to the employees at Bandobast.

II. Literature Review

Earlier the work of Nagpur assembly system was done manually. Starting from filling the registration form and making the final reports all the work was done on papers manually which took lot of time to complete the process and increased the workload of the management committee. To eliminate these drawbacks of earlier system i.e. manual work, human-efforts, workload, time consumption etc. a system called NAP is proposed which will be useful for the Government Management System so that the work becomes easy and efficient.

This will help to keep track of reports of day to day work of employees, allotment of employees, Aamad conformation list and etc. and will help to manage all the details. This system will be online, so there is no need to do any of the work manually 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 and at any time.

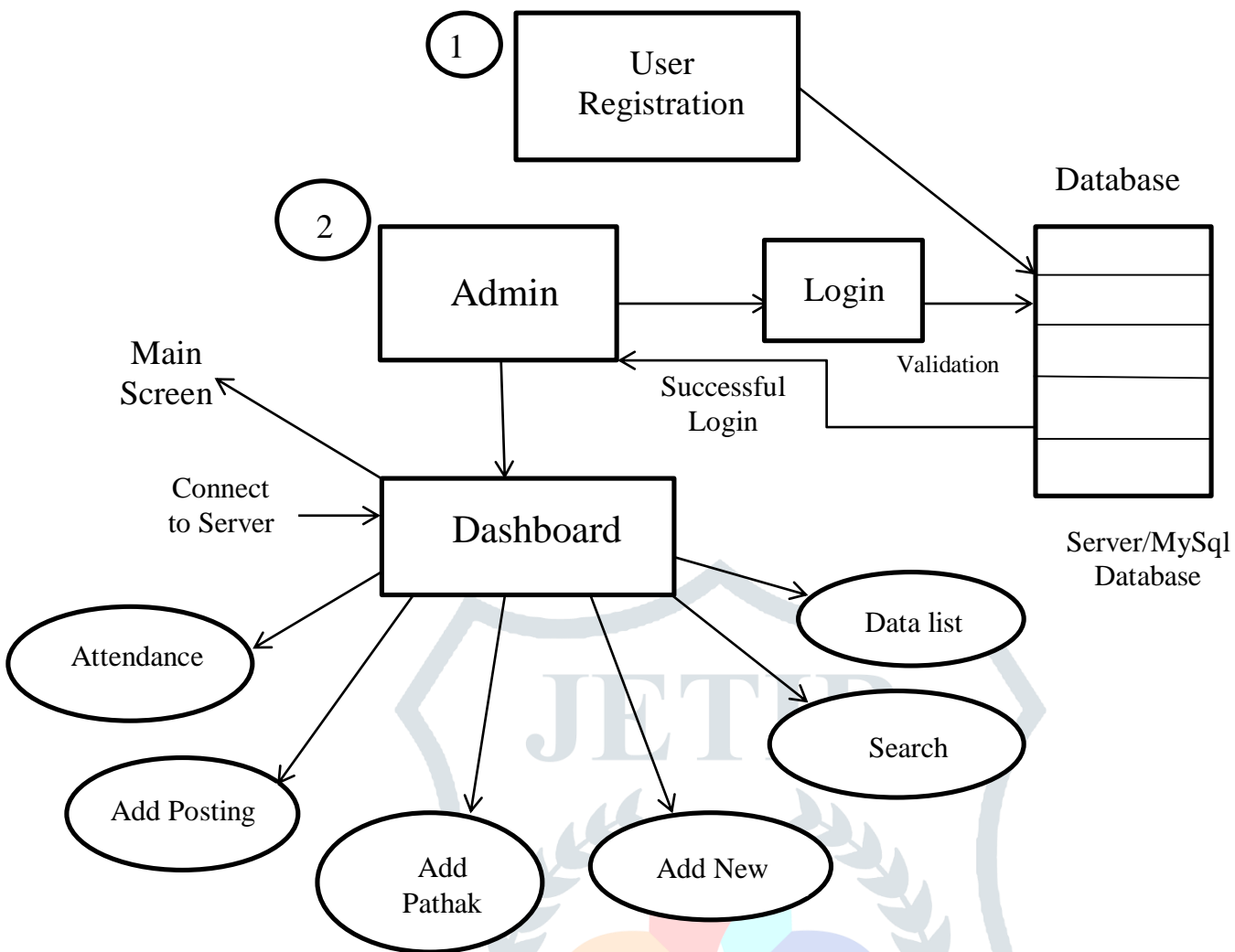


Fig: Architecture of NAP System

III. Proposed work

This section describe 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 Latthi, walky-talky, Helmet, Binocular, Night vision Binocular etc.

IV. Conclusion

In today's busy schedule no one has time to do work manually as it is time consuming and requires human efforts. To save the energy, time and workload the NAP website will be implemented to reduce the work load of the employee and also the In-charge or Head can get the complete details from any place and at any time. NAP gives the details of the police according to area wise, city wise, on-duty, off-duty, their shift, attendance etc.

V. Reference

- 1) IEEE Research Paper on PHP Language-<https://ieeexplore.ieee.org/document/5369976>
- 2) Information about Maharashtra Assembly- https://en.wikipedia.org/wiki/Maharashtra_Legislative_Assembly
- 3) Research paper on MySQL Database –<https://www.engpaper.com/mysql-database-very-good-thesis.html>
- 4) Text editor used in project, IEEE Papers on Sublime Editor- <https://ieeexplore.ieee.org/document/1660099>
- 5) https://en.wikipedia.org/wiki/List_of_Chief_Ministers_of_Maharashtra
- 6) https://en.wikipedia.org/wiki/Politics_of_Maharashtra

