

Integrated Planning office Automation System- A Critical Review

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Abstract

Legislature of Maharashtra has embraced the methodology of decentralized arranging where 5-year arranging is finished based on regions as a unit. After development of Maharashtra state in 1960, Government of India consented to the strategy of adjusted improvement based on region as a unit of detailing of five years plan and yearly plans. In this cycle, locale have the attentiveness to focus on among the different advancement plans inside the expense gave. For this reason, District Planning Committees (DPCs) was comprised in each region under the Article 243rd of the 74th amendment of the Constitution. Region Planning Committees (DPCs) plan different plans, tasks and exercises for the advancement of locale. The DPCs needed a framework which keeps up with and oversee need based plan made by DPCs and could screen framework to classify letters, designate work, track work status, oversee reserves and create reports for these necessities. So an electronic application that robotizes and digitize your workplaces, oversee ventures, works, and screens reserves is created as iPAS (Integrated Planning Automation System). In this paper audit of this online application is examined momentarily and extent of progress is recommended in conclusion.

Keywords: Finance, district planning, web based application, iPAS

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I. INTRODUCTION

Digitization and recorded of reports Make a Paper-work free office through Document Journey Management (DJM) Define a work process and following component in the framework. Secure the clients' and frameworks' information by coordinating important safety efforts Assist the administration in dynamic utilizing MIS reports and review preliminaries Bring versatility into everyday tasks at your area of expertise utilizing progressed procedures Portable and got arrangement available by web with legitimate validation Single brought together framework that is completely programmed, vigorous system for every one of the activities.

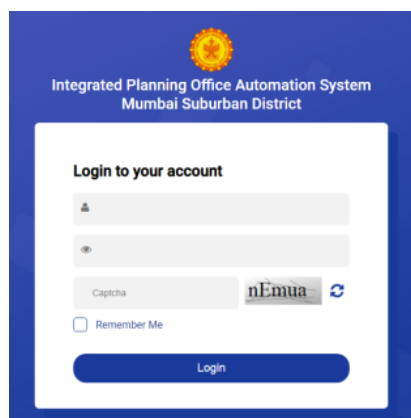


Figure 1: Login Dashboard (source: UserManual-iPAS)

According to cases concentrated by TESDS, fostered a Cloud-put together office robotization framework based with respect to the DPC's prerequisites. iPAS offered an all-encompassing perspective on every one of the tasks conveyed under the region arranging councils and it permitted the state arranging

overseers to see continuous advancement of public works in their locale/city. Also, ESDS gave 4 principal highlights which the DPCs required the most. Record Management System, Fund Management and Monitoring, Work Flow Automation and GIS based work observing.

iPAS is finished office robotization programming to screen and control work and cycle in workplaces. Whole arrangement included Letter Management, Document Journey Management, Admin Approval, Fund Management and Work Monitoring alongside Mobile suit. At present iPAS has executed and running effectively in District Planning Office (DPC) of Nashik and Mumbai rural areas, and carrying out across 36 regions in Maharashtra. iPAS has benefitted to 1,54,64,149 residents by observing 9,392 works last year while internal normal 1,000 public works month to month.

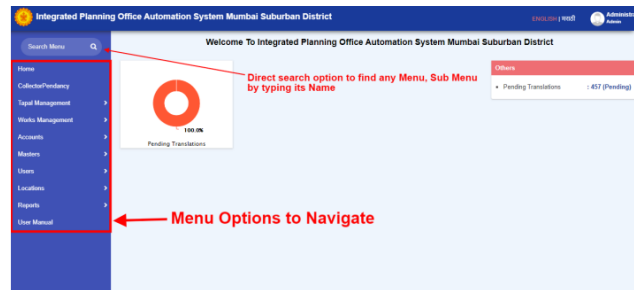


Figure 2: User Dashboard (source: UserManual-iPAS)

II. REVIEW AND DISCUSSION

2.1 Key Features:

1. Report Journey Management
 - Complete Letter Tracking
 - Simple Indexing
 - Controlled and Cost-compelling Distribution of Documents
 - Enhanced security at Granular Level
 - Disaster Recovery
2. Work process Management
 - Works observing utilizing different spatial layers
 - Mobile telephone based work observing framework
 - Works timetables and achievements
 - Alerts for deferred works
 - Expenditure following
 - Track on review accomplished on the work
3. Reserve Management and Monitoring
 - System in view of rules of money and bookkeeping
 - Management of assets allotted and spent on the works
 - MIS writing about money and bookkeeping
 - Highly got and confined admittance of specific clients
 - Funds endorsed under any plan would be followed
4. GIS based Work Monitoring
 - Field overview and information fruition
 - Preparation of base guides
 - Assets Survey and planning
 - Village to town overview and planning
 - Photography catching and labelling
 - Track history and area of resources

2.2 Key objective recipient populace:

1. Individual from Parliament
2. Individual from Legislative Council
3. Individual from Legislative Assembly
4. Executing Agencies
5. Clients, Government and Administrative authorities

6. Residents of the catchment region

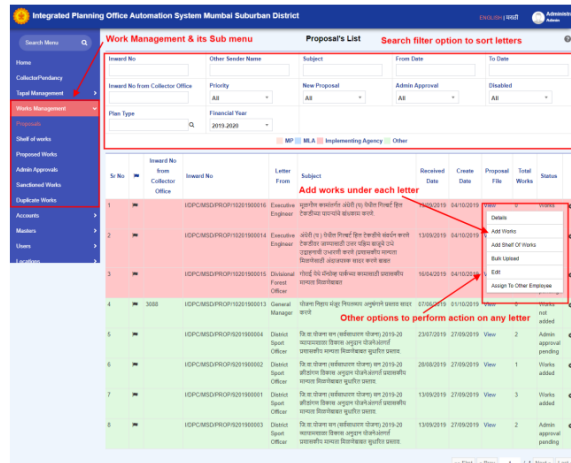


Figure 3: Work Management (source: UserManual-iPAS)

Support Provided:

The help is accessible through online interface, telephone and email and the commitment will function as follows:

The speed and dependability of the goal cycle is thus basic to the client's standing. ESDS has made and conveyed over the course of the year's predictable fast and high-esteem support reaction to its clients. This exceptionally effective help process has help to acquire industry awards.

- **Targets of Support Management:**

The course of predictable and trustworthy help to client's requirements as referenced in the agreement depends on viable Service Level Agreement (SLA's) which are based on accepted procedures in the business. To follow client's help calls and speedy goal according to SLA's to create MIS investigates support calls for client and ESDS. In light of these reports, address preparing needs, if any, in a definitive way to produce accelerations across the two associations where SLA's are not met.

- **Occurrence the board and backing procedure for issues:**

Episodes can be officially imparted through email, telephone, and visit no matter what the method of correspondence. In the event that the case is logged through email, the Ticket will be created and consequently shipped off the Customer. Or then again assuming call is logged utilizing Phone, ESDS support Team will log the occurrence in the Helpdesk entryway. CRM group will answer the episode by calling the client straightforwardly to get the itemized issue and attempting to determine the issue over telephone, while possibly not then allot an Engineer to determine the call. Occurrences are ordered in view of seriousness to guarantee that the reaction is proper to the seriousness of the issue. An itemized definition for every one of these seriousness levels, along with the proposed affirmation time and activity required, is recorded beneath

- **Logging Calls with online Helpdesk:**

An Industry standard internet based Helpdesk checked by ESDS support faculty as a when required. Client can log a call by reaching ESDS Support office through telephone, email or live talk. ESDS Support group will then, at that point, really take a look at the issue and perform Level1 investigating, when the issue is settled, client can affirm by answering the related ticket raised through web-based helpdesk.

- **The Target reaction Time:**

It is the time span that the resolver Group needs to refresh the Customer who announced the issue on ticket status. The Target Resolution Time is the all-out time from ticket creation to goal and reclamation of administration to the client. Administration might be re-established either by a workaround or by a super durable arrangement.

2.3 Main Advantages of iPAS:

1. iPAS effectively computerizes movements of every sort did by the DPCs and the execution organizations.
2. It has likewise wiped out a desk work which was before engaged with the manual cycle.
3. The framework has additionally worked on DPC's efficiency by decreasing the record cycle time.
4. Simultaneously, locale arranging officials can now effectively track and screen the work completed by the execution organizations, improving the unwavering quality and validity of the reports.

III. CONCLUSION

Scope for further development:

1. For better work experience work modules are in many numbers which makes first user confused mind state. Integrated module approach should be there for much better experience.
2. Provision to add or save architectural/structural or any other drawings is not available in any module. For better project assistance same should be there.
3. Participation from both government engineer/officials and beneficiary is not there. This will make it more transparent and to take follow up of further process.
4. The overall process is lengthy making it not user-friendly.
5. All control of system is under DPC. If any mistake occurs there is complicated process to rectify and get work done.
6. All designated modules are complexly interlinked with each other, making this system to become difficult to learn.
More user-friendly modules and easy integrated approach should be there.

REFERENCES

- [1] iPAS User Manual
- [2] <https://zp.zpraigad.in/>
- [3] Dr. P. Natarajan, Problems and Issues at the Workplace of the Employees, International Journal of Trend in Scientific Research and Development (IJTSRD), Volume 6 Issue 1, November-December 2021, pg. 1187-1190.
- [4] Green, K., Lopez, M., Wysocki, A., Kepner, K., Farnsworth, D., & Clark, J.L. (2015). Diversity in the Workplace: Benefits, Challenges, and the Required Managerial Tools. University of Florida. Retrieved August 4, 2017.