



Management Development Programme

IIHMR, New Delhi

19 to 20 December, 2008

Hospital Information Management System (HIMS)

A Cost Effective Solution

Programme Report

A two days program on “Hospital Information Management System- A Cost Effective Solution” was conducted at IIHMR, Dwarka, and New Delhi on 19th & 20th December 2008. A brief overview of the program is as follows:

DOEACC Society under Department of Information Technology, Government of India was invited to showcase their cost effective HIMS product.



Day One (19th December, 2008)

In the first day the Introduction of Hospital Information Management System (HIMS) was covered with descriptions of patient related and hospital related front end and back end activities. Four sessions planned for the day were as under:

- Introduction to Hospital Information Management System.
- Descriptions of different modules of Hospital Information Management System
- Goals & likely impact of Hospital Information Management System
- Benefits of efficient Hospital Information Management System



During the “Introduction to Hospital Information Management System” the basic concepts on Hospital Information System and its functions were explained. The working of different modules of a basic Hospital Information Management System were explained along with its Impacts on patient and hospital related activities. The cost saver features of Hospital Information Management System were also discussed. The comparative study of computerized and non-computerized system were also discussed.



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|-----------------|---------------|-----------------|
| 1. Introduction | 7. Labs | 12. MRD |
| 2. Registration | 8. OT | 13. Accounts |
| 3. OPD | 9. Blood Bank | 14. Admin |
| 4. IPD | 10. Store | 15. Enquiry |
| 5. Emergency | 11. Kitchen | 16. User Groups |
| 6. Pharmacy | | |

Day Two (20th December, 2008)

The second day was focused on Development features of Hospital Information Management System Software. The two parts were:

- Basic concepts and Steps for developing Hospital Information Management System
- Demonstration of developed Hospital Information Management System solution via slides of different modules



In first session of second day the complete roadmap for the development of an efficient Hospital Information Management System were explained. The Principle, Steps and Issues pertaining to all the phase of development of Hospital Information Management System were thoroughly explained.

In second half of second day, following basic modules of the developed and implemented Hospital Information Management System application was demonstrated through slide presentation:

- Registration
- OPD
- IPD
- Pharmacy
- Stores
- Casualty
- Purchase
- Labs



The working of all above stated modules along with its advantage and limitations were explained.

Salient features of topics discussed were as under:

Health Information Management Systems

- ➔ The basic concepts
- ➔ Defining data needs
- ➔ Reviewing the existing system
- ➔ Determining the data flow

- Designing the data collection and reporting tools
- Developing procedures for data processing
- Developing the training Programme
- Pre-testing the system
- Monitoring and evaluating the system
- Developing data dissemination and feedback mechanisms
- Enhancing the HIMS

All the above-mentioned sessions were very interactive and lots of queries pertaining to the following were resolved:

- Problem and issues related to implementation of HIMS
- Effectiveness of HIMS against the heavy load of patients
- Reliability
- Robustness,

The handouts of the slides used for presentation of Hospital Information Management System - A Cost Effective Solution were given to all the participants.

HIMS

FEED BACK FROM THE PARTICIPANTS

Please tick in the columns A-E (A=Very Good, B=Good, C=Fair, D=Poor, E=Very Poor)

	A	B	C	D	E	Remarks
Introduction to HIMS						
1. Content of the module	1	3				
2. Presentation	3	1				
Salient Features of HIMS						
1. Content of the module	2	2				
2. Presentation	3	1				
Goals and Likely Impact of HIMS						
1. Content of the module	1	3				
2. Presentation	2	2				
Benefits of HIMS and its Cost Effectiveness						
1. Content of the module		3				
2. Presentation	2	1				
Roadmap to HIMS Solution						
1. Content of the module		4				
2. Presentation	3	1				
Overview of Developed Package						If a running system was shown instead of snap shots it would have been more interesting
1. Content of the module			3	1		
2. Presentation		2	2			

1. Additional topics required to be added to the programme.

1. Need for actual demonstration of this product working in field.
2. The module for the management and radiology – needs inclusion.
3. More on application development and current applications in used in Indian health Sector.

2. Topics irrelevant to the programme.

1. Every topic covered is relevant for the programme.

3. Further need to increase the time allotted for class room sessions?

1. Have to increase the time allotted for class room sessions because because some of the modules should be explained more in depth so the time for those module should be more.
2. It was a good program. Good for introduction of HIMS. HIMS must have PACS integration as well with ambulance, CSSD modules as well.
3. 3 days or more required.

Your comments about the overall programme

1. Our idea of this training was to evaluate the software product and make decision to procure the product. This could has been possible only by seeing the product in operation and see the reports. So, it has not served our purpose. Besides, the skill of our faculty Mr. Partho Adhikari is exceptional and good. I, on behalf of Jaypee Infratech Ltd. Like to thank IIHMR and Mr. Partho.
2. Good, Practical, Example on software should also included in the presentation.
3. The overall programme was very good. The presentation was very informative and very interesting. In the next programme if you could show us the functioning of a hospital information system live at a hospital, I personally think that it will be very beneficial and also would make this programme more interesting. Also please increase the time allotted for class sessions in the next programme.
4. Overall programme is fine, but would have been better if we could hear experiences from different lecturers and more participants actively engaged in the health Sector. I think one part of the sessions should be to share experience and understand how the system works at different hospitals.

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LIST OF PARTICIPANTS

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