APPENDIX – C

List of Database, Tables used by DWB model.

Designed database is PHCDATA. The database contains the following tables.

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Table Name</th>
<th>Type of data stored by the table</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Checkupmaster</td>
<td>The table stores data about check up details of patients.</td>
</tr>
<tr>
<td>2.</td>
<td>Dhoanudan</td>
<td>Data about Grants or Anudan of THO.</td>
</tr>
<tr>
<td>3.</td>
<td>Dhomessage</td>
<td>Data about messages from DHO.</td>
</tr>
<tr>
<td>4.</td>
<td>Districtmaster</td>
<td>Data about District Master.</td>
</tr>
<tr>
<td>5.</td>
<td>DoctoreyJohana</td>
<td>Data about yojana details.</td>
</tr>
<tr>
<td>6.</td>
<td>Equipmaster</td>
<td>Data about equipments</td>
</tr>
<tr>
<td>7.</td>
<td>Expencemaster</td>
<td>Stores data about expenses.</td>
</tr>
<tr>
<td>8.</td>
<td>Immunization</td>
<td>Data about immunization or vaccination information.</td>
</tr>
<tr>
<td>11.</td>
<td>Phcgrant</td>
<td>Data about PHC grants</td>
</tr>
<tr>
<td>12.</td>
<td>Phcloginmaster</td>
<td>Data of PHC login details.</td>
</tr>
<tr>
<td>13.</td>
<td>Phcmaster</td>
<td>Information about PHC master.</td>
</tr>
<tr>
<td>14.</td>
<td>Phcstaffmaster</td>
<td>Staff information at the PHC.</td>
</tr>
<tr>
<td>15.</td>
<td>Subcentermaster</td>
<td>Master information about sub centers.</td>
</tr>
<tr>
<td>16.</td>
<td>Subcenteryojana</td>
<td>Data about sub center yojana.</td>
</tr>
<tr>
<td>17.</td>
<td>Talukamaster</td>
<td>Data about Tahsil information.</td>
</tr>
<tr>
<td>18.</td>
<td>Thomaster</td>
<td>Data of THO.</td>
</tr>
<tr>
<td>19.</td>
<td>Usermaster</td>
<td>Master information about the users.</td>
</tr>
<tr>
<td>20.</td>
<td>Villagemaster</td>
<td>Data about villages.</td>
</tr>
<tr>
<td>21.</td>
<td>Yojanaexpenses</td>
<td>Data about yojana expenses.</td>
</tr>
<tr>
<td>22.</td>
<td>Yojananamaster</td>
<td>Data about yojana master.</td>
</tr>
<tr>
<td>23.</td>
<td>Childdose</td>
<td>Data about child doses given.</td>
</tr>
<tr>
<td>24.</td>
<td>Phcmessage</td>
<td>Data about messages sent by the PHC.</td>
</tr>
<tr>
<td>25.</td>
<td>Testcharges</td>
<td>Data about test and its description.</td>
</tr>
<tr>
<td>26.</td>
<td>Thomessage</td>
<td>Data about messages sent by the THO</td>
</tr>
<tr>
<td>27.</td>
<td>Yojanacomm</td>
<td>Data about Yojana Communication.</td>
</tr>
</tbody>
</table>
APPENDIX – D

Sample Reports useful for the PHC, THO and DHO users are grouped as Master Reports and Transaction Reports.

D1 : PHC Transaction Reports
D2 : THO Transaction Reports
D3 : DHO Transaction Reports
D4 : PHC, THO and DHO Master Reports

Report is the interface showing the information generated by the DWB model as Web Based Distributed System.

**D1 : PHC Transaction Reports**

1. **PHC Transaction List** :

   The interface shows the report menu for PHC Transaction lists.

   There are six reports. If the data is not found then the interface shows the message “Data Not Found”. .

   ![PHC Transaction List Interface](image)
2. **Janani Suraksha Yojana Report:** The interface is the Janani Suraksha Yojana Report of PHC.

3. **Patient Welfare Commission Report:** The interface shows the patient welfare commission report of the PHC.
4. **Yojana Expenses Report**: The report shows the expenses of a Yojana at PHC.

<table>
<thead>
<tr>
<th>Financial Year</th>
<th>Month</th>
<th>District</th>
<th>THO</th>
<th>PHC</th>
<th>Yojana Code</th>
<th>Yojana Name</th>
<th>Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-12</td>
<td>NOV</td>
<td>Sattara</td>
<td>TDB</td>
<td>PHC</td>
<td></td>
<td></td>
<td>400</td>
</tr>
<tr>
<td>2011-12</td>
<td>NOV</td>
<td>Sattara</td>
<td>TDB</td>
<td>PHC</td>
<td></td>
<td></td>
<td>400</td>
</tr>
<tr>
<td>2011-12</td>
<td>NOV</td>
<td>Sattara</td>
<td>TDB</td>
<td>PHC</td>
<td></td>
<td></td>
<td>400</td>
</tr>
<tr>
<td>2011-12</td>
<td>NOV</td>
<td>Sattara</td>
<td>TDB</td>
<td>PHC</td>
<td></td>
<td></td>
<td>400</td>
</tr>
</tbody>
</table>

5. **Yojana Grant Report**: The interface shows the Yojana Grant details of PHC.

<table>
<thead>
<tr>
<th>Financial Year</th>
<th>Month</th>
<th>District</th>
<th>THO</th>
<th>PHC</th>
<th>Grant Code</th>
<th>Grant Date</th>
<th>Total Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-12</td>
<td>NOV</td>
<td>Sattara</td>
<td>TDB</td>
<td>PHC</td>
<td></td>
<td>25-07-2011</td>
<td>50000</td>
</tr>
</tbody>
</table>
6. Doctor Checkup Report: The interface shows the patients checked by the Doctors.

D2 : THO Transaction Reports


9. THO Yojana Expenses Report:
This is the THO level report. It shows the yojana expenses for THO users.
10. THO Yojana Grant Report: The report shows information of Yojana Grant for THO users.

12. **Doctor Check up report of PHC for THO:** This interface shows the information input by PHC doctors at PHC. This can be seen at THO units.

D3 : **DHO Transaction Reports**

13. **DHO Janani Suraksha Yojana Report:** It shows information about Janani Suraksha Yojana Report at district place.
14. DHO Patient Welfare Committee Expenses Report: It shows data about expenses made by welfare committee of PHC.

15. DHO Yojana Grant Report: The interface shows the yojana grants for PHCs.
16. DHO Yojana Expenses Report: The interface shows the information about expenses of yojanas.

![DHO Yojana Expenses Report](image1)

17. Doctor check up report of PHC at DHO: The interface shows the patients checked at PHC. This can be seen by the District administration.

![Doctor Checkup Report](image2)

**D4: PHC, THO and DHO Master Reports**

These are the master reports common to the PHC, THO and DHO Modules. The master information is used during the transactions.
18. **District Master**: The interface shows the district master information.

19. **Taluka Master**: The report shows the Taluka code and name of the taluka and district.
20. **THO Master List**: The report shows the description of THO users.

21. **PHC Master List**: The report shows the master information of PHC users.
22. PHC staff master list
The interface shows the description about PHC staff as master data. The interface is accessed from PHC module.

23. Equipment Master :
The interface shows information about the equipments containing data items: ID, Name, purchase date and amount about the equipments.
24. Expense Master: The report shows the details of code for expense types.

25. Sub Center Master: The report shows the sub center master details.
26. Village Master List: This interface shows a report. The information contains data items about village and the certain statistical data in the village selected.

27. Yojana Master List: The interface shows the Yojana Master List.
PUBLICATIONS

A) Publications in National and International Journals
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Vol.-15 No-I June, pp. 60-71.
2). “Performance Study of Data transfer operations using Computer communication
networks in peer to Peer mode: Experimental Evaluation”, B. T. Jadhav and P. P. Patil
(2009), The Unlock Management : The Journal of Management Sciences,
3). “Designing of Computer based network for geographically distributed centers: A
Case study – communication between primary health centers”, P. P. Patil and
B. T. Jadhav , (2010), International Journal of Computing and application,
(ISNN: 0973-5704), Vol.5 No. 1, Jan-June. pp. 95-110.

B) Publications in Proceedings
1). “Data Logger based distributed system using Telephone network [leased line]”,
B. T. Jadhav and P P Patil (2010), Proceeding of International Conference
2). “Impact of web applications for rural development : A case study of primary
health centers in Satara district “, B. T. Jadhav and P. P. Patil, (2010),
Proceeding of National Conference on Recent Trends In Computer Application,
Dr. B. A. Marathawada University, Aurangabad, (ISBN:- 978-81-906858-4-9),
pp.101-104.
Proceeding of National Seminar on Recent Materials and Development in
Technology (RMDT), Barshi Dist- Solapur (MS).
4). ”Data Communication Networks : A Case Study PHC to DHO“, B. T. Jadhav
in Information Technology, ACS College, Sangamner, Dist : Ahmednagar
(MS).
C) Publication Awards


D) Papers Presented in Conferences


5. Presented a paper in the International Conference on Green IT and Open Source on 20th to 22nd Feb. 2010 at Sinhgad Institute of Management Pune.

E) Conferences Attended


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