

Anganwadi Attendance And Food Distribution System

Chaitanya Bhat G¹, Ms. Mangala AG²

^{1,2}Dept of MCA

^{1,2}NMAM Institute of Technology, Nitte, Karkala, Karnataka

Abstract- This paper focuses on the database design for Anganwadi using PHP/HTML and MySQL database for code and storage respectively that performs the management of attendance and food distribution functions. The Anganwadi worker, login using the privileged username and password, can access specific details about the children and pregnant/lactating women, and check the food distribution to its beneficiaries. The system will also provide the ability to maintain the food stock details.

Keywords- Anganwadi; database; online storage management...Attendance and food distribution.

I. INTRODUCTION

PHP (also called machine-readable text Preprocessor) is a stereotypical open source scripting language that was originally designed for webpage development to design dynamic websites. PHP/MySQL (open source Structured Query Language) is employed for varied amount of internet applications. MySQL is a database provider that is used on several different operating systems or platforms like Microsoft Windows, Apple Mac, Linux, Python and Perl. PHP and MySQL were extensively used in several internet applications that we utilize these days [3]. PHP is accessible free of cost, PHP has been without utilization, adjustment, and redistribution limitations. [1]

The paper displays the design of Anganwadi management system. The Administrators are able to add new members to their Anganwadi Community and provide them with the benefits given by the Government such as daily food and other necessities. All the details will be stored in MySQL database. The website was written in PHP, HTML (Hypertext Markup Language) [2], and MYSQL. The next section will introduce the system design description, and then the conclusion follows.

II. SYSTEM DESIGN DESCRIPTION

The Anganwadi Centers provide their community members such as children within the age of 3 to 6 years old, pregnant women and lactating mothers with a healthy dietary food on daily basis according to the amount specified by the Government. The system also maintains the attendance of the

beneficiaries of the services. It also maintains the inventory of the food items. The user can browse the items easily through search function. For example, in the stock database, the name of the food will be displayed, what is the current price and the available stock in Anganwadi. This allows the administrators to see if the stock is required to be ordered. Figure 1 is a screen shot of Children’s details entry page.

There are 9 tables with three to thirteen fields. Administrators can manage the stocks of the Anganwadi. The fields for the stock table are the food name, the type of the food, for whom it has to be given, and the remaining quantity in the stock

The Figure 2 is a screenshot of attendance page.

Sr No	Family ID	Members	Name	Gender	Year	Month	Caste	Handicap	Joining Year	Status
106	50	9	cjgc	female	3	1	other	no	2016	current
108	59	8	bikubj	female	3	1	other	no	2017	current
102	52	5	fkmfkcj	female	4	1	other	no	2015	left
108	56	8	ujhduh	male	3	4	other	no	2018	current
110	85	7	gfrdrse	female	3	1	sc	no	2017	current

Figure 1. Children Entry Page

SrNo	Name	Present
106	cjgc	<input type="checkbox"/>
108	bikubj	<input type="checkbox"/>
102	fkmfkcj	<input type="checkbox"/>
108	ujhduh	<input type="checkbox"/>
110	gfrdrse	<input type="checkbox"/>

DONE

Figure 2. Attendance tables

The Attendance table was designed for the Anganwadi workers to keep track of their daily members. This database is used in combination with PHP for the administrator. This table has four fields containing the Name, Serial No., Date, and Present_Absent. All of them have a have a varchar value except for the

Serial No. because that is an integer and Date which is obviously of Date type. The Structures of the daily_attendance and food_menu table is shown in Figure 3. To get into admin page one should have UserID and Password to get access to the admin page.

```

MariaDB [anganwadi]> desc daily_attendance;
+-----+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| A_Sr_No | varchar(10) | NO | | NULL | |
| A_Date | varchar(10) | NO | | NULL | |
| C_Sr_No | varchar(10) | NO | | NULL | |
| Name | varchar(50) | NO | | NULL | |
| Present | varchar(10) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

MariaDB [anganwadi]> describe food_menu;
+-----+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| FM_Sr_No | varchar(10) | NO | | NULL | |
| Food_For | varchar(50) | NO | | NULL | |
| Food_Name | varchar(50) | NO | | NULL | |
| Type | varchar(50) | NO | | NULL | |
| Quantity | varchar(10) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
    
```

Figure 3. Structures of the daily_attendance and food_menu table

III. CONCLUSION

The Anganwadi can keep track of every child, pregnant women and lactating women’s information and to manage the attendance record and food distribution operations on daily basis. It is the best method for the Anganwadi worker to have an Anganwadi database.

This paper focuses on the websites for Anganwadi centers that helps Anganwadi workers. They can modify or search their stock list. Admin manages the stock database. The predetermined tables, for example, Food_menu, children_details, daily_attendance will be always refreshed and maintained.

REFERENCES

[1] W. Jason Gilmore, Beginning PHP and MySQL: From novice to Professional, Apress Publications, 2010

[2] E. Castro, HTML for the World Wide Web, Fourth Ed., Peachpit Press, 2000
 [3] L. Ullman, PHP and MySQL for Dynamic Web Sites. Peachpit Press, 2003