User Manual

Modern World History Museum of South Africa

system

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# **GENERAL INFORMATION**

This User Manual contains all essential information for the user to make full use of the information system. This manual includes a description of the system functions and capabilities, contingencies and alternate modes of operation, and step-by-step procedures for system access and use.

# System Overview

The system is a new database system that is programmed in visual studio. The system provides a new graphical user interface for customers, admin and staff where all information is recorded in a database for viewing and ability to receive changes to the database.

# Organization of the Manual

The user manual consists of four sections: General information, System summary, Getting started and reporting.

General information: provides the purpose for the manual.

System Summary: provides a general overview of the system. The summary outlines the uses of the systems software, system configuration and user access levels.

Getting started: Installation of the system and use of system.

# **SYSTEM SUMMARY**

System Summary: provides a general overview of the system. The summary outlines the uses of the systems software, system configuration and user access levels.

# System Configuration

System works on a terminal which is programmed in visual studio that runs on any windows operating system. The system requires a connection to the server through a network cable to the server that stores data that are retrieved from data input from the terminals. Data saved to the database can viewed from any terminal or computer that requires a login to the system. The system after installation requires a analysist to fine tune the program to the business.

# User Access Levels

Customers must register to have access to the system, login required which then customers are able to view the exhibit, prop and event information.

Staff are registered and provided with login information to access the system where they are able to view information on the system as a whole.

Admin have access to the whole system and have the ability to make changes on all information on the databases.

# Contingencies

In case of power outages and system failures data are saved on a server. In case of server failures data are saved on cloud storage as a backup.

# **GETTING STARTED**

Getting started with the system on how to install and to use the system.

# System Requirements:

**Computer**

|  |  |
| --- | --- |
| **Processor** | 2 gigahertz (GHz) or faster processor or SoC |
| **RAM** | 8 gigabyte (GB) for 32-bit or 4 GB for 64-bit |
| **Hard disk space** | 100 GB for 32-bit OS or 200 GB for 64-bit OS |
| **Display:** | 800 x 600 |
| **Graphics card** | DirectX 9 or later with WDDM 1.0 driver |
| **Operating system** | Windows 10 |
| **Port** | Ethernet port |

**Terminal**

|  |  |
| --- | --- |
| **Processor** | 2.0 GHz processor |
| **RAM** | 4GB of RAM |
| **Hard disk space** | 128gb |
| **Display:** | 1024 x 768 |
| **Graphics card** | Onboard |
| **Operating system** | Windows 10 |
| **Port** | Ethernet port |

# Installation and Logging In

The system can be installed from a DVD and accessed on the terminal where logging and accessing will happen.

# System Menu

Modern History museum system consists of a login, admin, staff and customer forms. Admin Form consists of: Admin criteria view, Admin customer view, Admin event view, Admin exhibit view, Admin feedback view, Admin prop view, Admin Staff view, Admin visit view, Admin view.

Staff form consists of: Staff customer view, Staff event view, Staff exhibit view, Staff prop view, Staff view.

Customer view consists of: customer view, customer event view, customer exhibit view, customer feedback view, customer prop view.

# **USING THE SYSTEM**

This section provides a detailed description of system functions.

# Log in Form

The login form consists of 4 inputs text fields for customer details to register or login. There are 2 available buttons for admin and staff access to admin and staff view.

# Register form

Register form consists of 6 input text fields for a new customer to register with the system. a Register button is provided which will store the input into the database. A back button is provided that allows the customer to return to the login form.

# Customer view

# Customer exhibit view

Customer exhibit view allows customer to view information on the specific exhibit that is in the museum. a dropdown list is provided that allows the customer to select a specific event in history. Upon selection of an event from the drop-down list, the list box is populated with information about the specific world war event. An image box is provided that displays a picture from the event chosen. a button is provided where the customer can view information on props in the exhibit, customer is transferred to the prop view where information on props is displayed.

# Customer prop view

Customer prop view allows customer to view information on the props that are in the specific exhibit. Customer can view information on the props in the list boxes that are provided. a back button is provided that allows the customer to return to customer exhibit view.

# Customer event view

Customer event view allows customer to see available and upcoming events from the museum. a back button is provided that allows the customer to return to customer exhibit view.

# Customer feedback view

Customer feedback view allows customer to provide feedback based on experience from the museum they had. Customer can rate their experience from the radio buttons provided where they can rate from 1-5. Customers can tell more about their experience by providing input in the list box provided. a back button is provided that allows the customer to return to customer exhibit view.

# Admin view

# Admin selection view

Admin view form allows the admin to access different views from buttons which consists of Admin exhibit view, Admin customer view, Admin event view, Admin feedback view, Admin criteria view, Admin prop view, Admin Staff view, Admin visit view.

# Admin exhibit view

Admin exhibit view allows admin to view, add, delete and update information on exhibits. The DataGrid view is automatically viewed on access with the updated exhibit database information. The add button takes the admin to a new add exhibit form where a new exhibit can be entered into the database. The delete button allows an exhibit to be deleted from the database by selecting information and pressing the delete button. Update button allows information on form to be changed through a text box that is provided on the form, user must select information to be changed and provided information in text box then click on update button. A back button is provided that allows the admin to go back to admin selection view to select a new view to enter.

# Admin customer view

Admin customer view allows admin to see all customer information and allows admin to search, delete and update customer information. The DataGrid view is automatically viewed on access of the form with updated customer database information . The search function is implemented with a text box where admin can type in any information he is looking for and selecting the customer from the view. The delete button that can delete customer information from the database. The update button allows admin to change information on the customer. a back button is provided that allows the admin to go back to admin view to select a new view to enter.

# Admin event view

Admin event view allows the admin to see all information on events and allows admin to search, add, delete and update events. The DataGrid view is automatically viewed on access of the form with updated event database information. The search function is implemented with a text box where admin can type in any information he is looking for and selecting the event from the view. The add button takes the admin to a new add event form where a new event can be entered into the database. The delete button allows an event to be deleted from the database by selecting the information from the view and pressing the delete button. The update button allows admin to change information on the events. a back button is provided that allows the admin to go back to admin selection view to select a new view to enter.

# Admin feedback view

Admin feedback view allows the admin to see all feedback information on feedback view. . The DataGrid view is automatically viewed on access of the form with updated feedback database information. a back button is provided that allows the admin to go back to admin selection view to select a new view to enter.

# Admin criteria view

Admin event view allows the admin to see all information on criteria.

# Admin prop view

Admin prop view allows the admin to see all information on props and allows admin to search, add, delete and update props. The DataGrid view is automatically viewed on access of the form with updated prop database information. The add button takes the admin to a new add prop form where a new prop can be entered into the database. The delete button allows an prop to be deleted from the database by selecting the information from the view and pressing the delete button. The update button allows admin to change information on the props . A back button is provided that allows the admin to go back to admin selection view to select a new view to enter.

# Admin staff view

Admin staff view allows the admin to see all information on staff and allows admin to search, add, delete and update staff information. DataGrid view is automatically viewed on access with updated staff database information. The search function is implemented with a text box where admin can type in any information he is looking for and selecting the staff from the view. The add button takes the admin to a new add staff form where new staff can be entered into the database. The delete button allows staff information to be deleted from the database by selecting information and pressing the delete button. Update button allows staff information on form to be changed through a text box that is provided on the form, user must select information to be changed and provided information in text box then click on update button. A back button is provided that allows the admin to go back to admin selection view to select a new view to enter.

# Admin visit view

Admin visit view allows the admin to see all information on financial keeping, date of entry on customers and how many customers per day. DataGrid view is automatically viewed on access with the updated visit database information. A back button is provided that allows the admin to go back to admin view to select a new view to enter.

# Staff selection view

Staff view form allows the staff to access different views from buttons which consists of staff events view, staff exhibit view, staff props view, staff customer view and staff-staff view.

# Staff events view

Staff event view allows staff to view information on events. The DataGrid view is automatically viewed on access of the form with updated event database information. a back button is provided that allows the staff to go back to staff selection view to select a new view to enter.

# Staff exhibit view

Staff exhibit view allows staff to view information on exhibits. The DataGrid view is automatically viewed on access of the form with updated exhibit database information. a back button is provided that allows the staff to go back to staff selection view to select a new view to enter.

# Staff props view

Staff prop view allows staff to view information on props. The DataGrid view is automatically viewed on access of the form with updated prop database information. a back button is provided that allows the staff to go back to staff selection view to select a new view to enter.

# Staff customer view

Staff customer view allows staff to view information on customers. The DataGrid view is automatically viewed on access of the form with updated customer database information. a back button is provided that allows the staff to go back to staff selection view to select a new view to enter.

# Staff-staff view

Staff-staff view allows staff to view information on staff information. The DataGrid view is automatically viewed on access of the form with updated staff database information. a back button is provided that allows the staff to go back to staff selection view to select a new view to enter.