

CPS 510 Database Systems

Section 03

Assignment 9

Patient Information and Record Management System

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README:**# Patient Record and Information Management Database GUI**

Welcome to the Patient Record and Information Management Database GUI. This application provides a user-friendly interface to interact with your database, enabling various functions for data management and analysis.

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Features

- ****Data Visualization:**** Create graphs and visualizations based on certain data.
- ****Data Manipulation:**** Add, modify, and delete patient records and information.
- ****Advanced Functions:**** Grouping, filtering, computing, sorting, aggregating, and more.
- ****User Access:**** Two access levels - Read-Only and Full Access.

Getting Started**### Accessing the GUI**

To access the application, visit [Patient Record and Information Management System](https://apex.oracle.com/pls/apex/r/patient_record_information_managment_system/patient/home?session=12571611959982).

Usage**### Signing In**

To access the application, use the following credentials:

- ****Read-Only Access:****
 - Username: `user1`
 - Password: `test1234`

- ****Full Access:****
- Username: `user2`
- Password: `test1234`

Functionality Overview

The GUI is straightforward:

- Entities are displayed on the main page.
- Clicking an entity shows existing data with options to create, modify, or delete.
- The "Actions" button offers advanced functionalities such as creating charts, grouping, filtering, computing, sorting, aggregating, and more.

Contributing

Contributions to this project were made by:

- Ahraz Kibria
- Taha Ghor
- Sarah Jawwad
- Kartike Choudhary

License

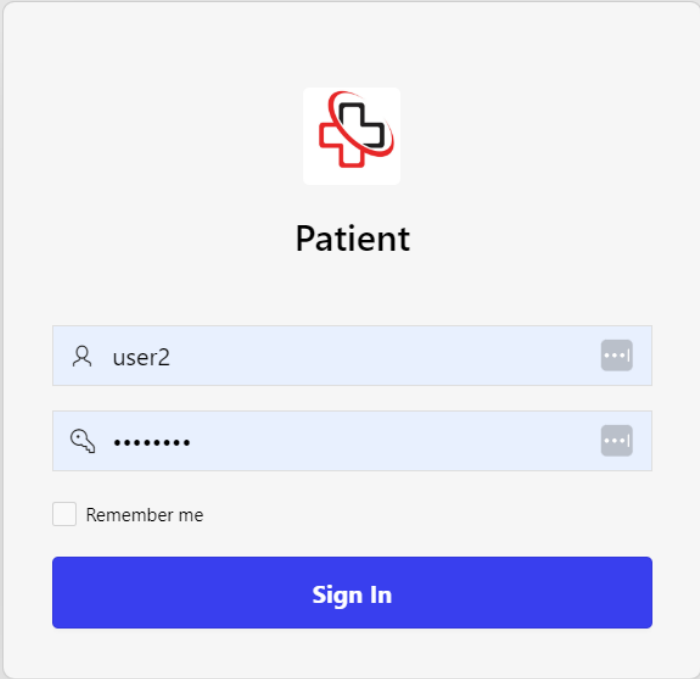
This project does not require a license.

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Feel free to further customize the README if needed. The information provided should give users a clear understanding of how to access and use your GUI.

Display:

Sign-in:



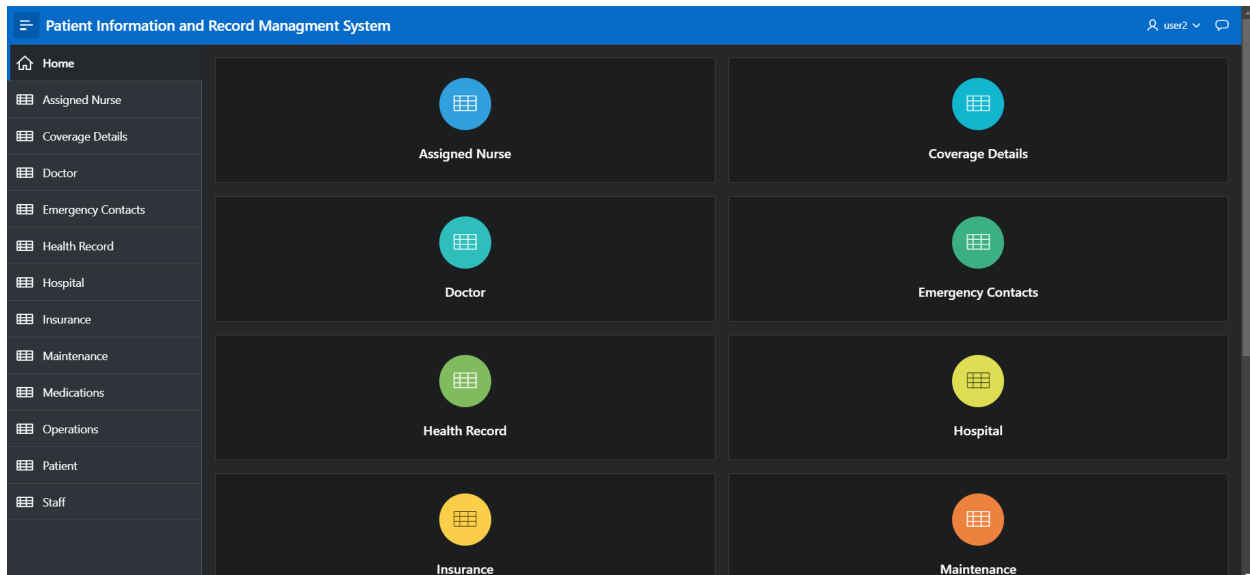
The image shows a sign-in form for a 'Patient' user. The form is centered on a light gray background. At the top, there is a logo consisting of a red cross with a black outline and a red swoosh. Below the logo, the word 'Patient' is displayed in a bold, black font. The form contains two input fields: the first is for the username, labeled 'user2', and the second is for the password, represented by a series of dots. Both fields have a small gray icon with three dots on the right side. Below the password field, there is a checkbox labeled 'Remember me'. At the bottom of the form, there is a blue button with the text 'Sign In' in white.

****Full Access:****

- Username: `user2`

- Password: `test1234`

Home Page - GUI



- Shows all the entities with their names, the page also on the top right corner has a sign out area and a feedback area as well to see how users like the GUI

Patient Page Example:

	Healthcardnumber ↑	Firstname	Lastname	Gender	Dateofbirth	Hospitalid
	HC012345	Daniel	Davis	Male	6/20/1989	Toronto General Hospital
	HC012888	Isabella	Evans	Female	4/26/1994	Toronto General Hospital
	HC101010	Charlotte	Evans	Female	7/23/1998	Toronto General Hospital
	HC111111	Isabella	Johnson	Female	3/25/1992	Toronto General Hospital
	HC1111110	Oliver	Hill	Male	9/27/1984	Toronto General Hospital
	HC1111112	Harper	Hill	Female	2/29/1992	Toronto General Hospital
	HC1212121	Amelia	Clark	Female	1/12/1991	Toronto General Hospital
	HC1212123	Charlotte	Martin	Female	11/17/1991	Toronto General Hospital
	HC123000	Aiden	Williams	Male	6/18/1995	Toronto General Hospital
	HC123456	John	Doe	Male	5/15/1990	Toronto General Hospital
	HC1313131	Harper	Martin	Female	6/30/1996	Toronto General Hospital
	HC1313134	John	Khan	Male	8/7/1987	Toronto General Hospital
	HC222222	Ethan	Smith	Male	8/10/1988	Toronto General Hospital
	HC234555	Noah	Clark	Male	5/7/1993	Toronto General Hospital

- This is an example of how each table would look like, as you can see you have the data showing as well as the functions to create more data, on the most left you have a button to edit existing data whether that be modifying it or deleting it. You can also press the actions button which has its own unique and numerous sets of data options

Summary:

The Patient Record and Information Management Database GUI is designed to provide a seamless and intuitive experience for users. The README file serves as a comprehensive guide for users, offering details about accessing the GUI, signing in with different access levels, and providing an overview of its features.

Features Overview:

- **Data Visualization:** Users can create graphs and visualizations based on specific data.
- **Data Manipulation:** Add, modify, and delete patient records and information with ease.
- **Advanced Functions:** The GUI offers a range of advanced functionalities, including grouping, filtering, computing, sorting, aggregating, and more.
- **User Access Control:** Two access levels - Read-Only and Full Access - cater to different user needs.

Ease of Use:

- **Accessing the GUI:** Users can easily access the application through the provided link.
- **Signing In:** Clear instructions for signing in with different access credentials ensure a smooth login process.
- **Functionality Overview:** The GUI is presented as a straightforward interface where entities are displayed prominently. Clicking on an entity reveals existing data and provides options to create, modify, or delete records. The "Actions" button offers additional advanced functionalities, enhancing the overall user experience.

Contribution and License:

- **Contributors:** The README acknowledges the contributions made by team members Ahraz Kibria, Taha Ghor, Sarah Jawwad, and Kartike Choudhary.
- **License:** The project does not require a license, simplifying usage and collaboration.

In summary, the README effectively communicates the user-friendly nature of the GUI, making it accessible for individuals with different levels of experience. Users can easily navigate through the system, perform various data management tasks, and leverage advanced features for a comprehensive database experience.