TRADITIONAL WEBSITE DEVELOPMENT

IN THIS PROJECT YOU WILL LEARN THE FOLLOWING:

1. **HTML, CSS, Bootstrap, JavaScript, PHP, MySQL**
   - Integration of these technologies for web application development.
2. **Database Operations**
   - Creation of a MySQL database (`health_db`).
   - Creation of a `patient_records` table to store patient information.
3. **CRUD Operations**
   - Inserting new patient records (`insert.php`).
   - Updating existing patient records (`update.php`).
   - Deleting patient records (`delete.php`).
4. **Front-end Development**
   - Designing a navigation bar (`nav.php`) using Bootstrap.
   - Styling with CSS (`css.php`), including external libraries like Font Awesome and DataTables.
5. **Dynamic Content Handling**
   - Displaying patient records in a tabular format (`home.php`).
   - Viewing individual patient details (`view.php`).
6. **Form Handling and Validation**
   - Creating HTML forms for inserting and updating patient records (`insert.php`, `update.php`).
   - Performing basic form validation in PHP to ensure all fields are filled (`insert.php`, `update.php`).
7. **JavaScript Integration**
   - Using JavaScript for client-side functionality, including confirmation dialogs for record deletion (`home.php`, `delete.php`).
8. **Data Presentation**
   - Utilizing DataTables jQuery plugin for enhanced table functionalities like searching, sorting, and pagination (`home.php`).
9. **Error Handling**
   - Implementing basic error handling for database connections and queries (`connection.php`, `insert.php`, `update.php`, `delete.php`).
10. **Responsive Design**
    - Ensuring the application is responsive and mobile-friendly through Bootstrap's grid system (`home.php`, `insert.php`, `update.php`, `view.php`).

Screenshot 1 (Blue theme)

Telemedicine MIS   Home   Add record   Admin   Report   Dropdown ▾   Search   Search

Mean Age	Male Patients	Female Patients	Total Patients
41.33	16	17	33

Search ITEM:

ID	Patient Name	Age	Gender	Treatment	Admission Date	Discharge Date	Update	Delete	View
25	Uma Green	45	Female	Dietary Changes	2025-11-15	2025-11-20	Update	Delete	View
26	Victor Black	28	Male	Counseling	2025-12-01	2025-12-05	Update	Delete	View
27	Wendy Grey	37	Female	Antidepressants	2026-01-10	2026-01-20	Update	Delete	View
28	Xander Blue	54	Male	CPAP Therapy	2026-02-05	2026-02-15	Update	Delete	View
29	Yara Yellow	42	Female	Nasal Steroids	2026-03-10	2026-03-17	Update	Delete	View
30	Zane White	35	Male	Liver Transplant	2026-04-01	2026-04-30	Update	Delete	View
31	Ava Pink	33	Female	Immunosuppressants	2026-05-15	2026-05-25	Update	Delete	View
32	Ben Violet	49	Male	Multimodal Therapy	2026-06-10	2026-06-20	Update	Delete	View

Showing 25 to 32 of 33 entries   Previous 1 2 3 4 5 Next

Screenshot 2 (Gold/dark theme)

Telemedicine MIS   Home   Add record   Admin   Report   Dropdown ▾   Search   Search

Mean Age	Male Patients	Female Patients	Total Patients
41.33	16	17	33

Search ITEM:

ID	Patient Name	Age	Gender	Treatment	Admission Date	Discharge Date	Update	Delete	View
1	John Does	60	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
2	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
3	John Doe	45	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
4	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
5	Alice Johnson	29	Female	Inhaler	2024-03-01	2024-03-05	Update	Delete	View
6	Bob White	60	Male	Bypass Surgery	2024-04-10	2024-04-20	Update	Delete	View
7	Cathy Black	52	Female	Dialysis	2024-05-15	2024-05-30	Update	Delete	View
8	David Grey	40	Male	Oxygen Therapy	2024-06-10	2024-06-17	Update	Delete	View

Showing 1 to 8 of 33 entries   Previous 1 2 3 4 5 Next

Mean Age	Male Patients	Female Patients	Total Patients
41.33	16	17	33

Search ITEM:

ID ↑↓	Patient Name ↑↓	Age ↑↓	Gender ↑↓	Treatment ↑↓	Admission Date ↑↓	Discharge Date ↑↓	Update ↑↓	Delete ↑↓	View ↑↓
1	John Does	60	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
2	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
3	John Doe	45	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
4	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
5	Alice Johnson	29	Female	Inhaler	2024-03-01	2024-03-05	Update	Delete	View
6	Bob White	60	Male	Bypass Surgery	2024-04-10	2024-04-20	Update	Delete	View
7	Cathy Black	52	Female	Dialysis	2024-05-15	2024-05-30	Update	Delete	View
8	David Grey	40	Male	Oxygen Therapy	2024-06-10	2024-06-17	Update	Delete	View

Showing 1 to 8 of 33 entries

Previous 1 2 3 4 5 Next

Update Patient Record

Update Patient Record

Patient Name

Jane Smith

Age

34

Gender

Female

Diagnosis

Diabetes

Treatment

Insulin Therapy

Doctor Name

Dr. Johnson

Admission Date

02/05/2024

Discharge Date

02/12/2024

Update   Reset

Insert New Patient Record

Insert New Patient Record

Patient Name

Age

Gender

Male

Diagnosis

Treatment

Doctor Name

Admission Date

mm/dd/yyyy

Discharge Date

mm/dd/yyyy

| Insert | Reset |

Telemedicine MIS Home Add record Admin Report Dropdown ▾   Search

Mean Age	Male Patients	Female Patients	Total Patients
41.33	16	17	33

Search ITEM:

ID	Patient Name	Age	Gender	Treatment	Admission Date	Discharge Date	Update	Delete	View
1	John Does	60	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
2	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
3	John Doe	45	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
4	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
5	Alice Johnson	29	Female	Inhaler	2024-03-01	2024-03-05	Update	Delete	View
6	Bob White	60	Male	Bypass Surgery	2024-04-10	2024-04-20	Update	Delete	View
7	Cathy Black	52	Female	Dialysis	2024-05-15	2024-05-30	Update	Delete	View
8	David Grey	40	Male	Oxygen Therapy	2024-06-10	2024-06-17	Update	Delete	View

Showing 1 to 8 of 33 entries

Previous 1 2 3 4 5 Next

Screenshot 1 (Orange Theme)

Mean Age	Male Patients	Female Patients	Total Patients
41.33	16	17	33

Search ITEM: [_____]

ID	Patient Name	Age	Gender	Treatment	Admission Date	Discharge Date	Update	Delete	View
1	John Does	60	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
2	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
3	John Doe	45	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
4	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
5	Alice Johnson	29	Female	Inhaler	2024-03-01	2024-03-05	Update	Delete	View
6	Bob White	60	Male	Bypass Surgery	2024-04-10	2024-04-20	Update	Delete	View
7	Cathy Black	52	Female	Dialysis	2024-05-15	2024-05-30	Update	Delete	View
8	David Grey	40	Male	Oxygen Therapy	2024-06-10	2024-06-17	Update	Delete	View

Showing 1 to 8 of 33 entries   Previous 1 2 3 4 5 Next

Screenshot 2 (Blue Theme)

Telemedicine MIS Home Add record Admin Report Dropdown ▾

Search | Search

Mean Age	Male Patients	Female Patients	Total Patients
41.33	16	17	33

Search ITEM: [_____]

ID	Patient Name	Age	Gender	Treatment	Admission Date	Discharge Date	Update	Delete	View
1	John Does	60	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
2	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
3	John Doe	45	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
4	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
5	Alice Johnson	29	Female	Inhaler	2024-03-01	2024-03-05	Update	Delete	View
6	Bob White	60	Male	Bypass Surgery	2024-04-10	2024-04-20	Update	Delete	View
7	Cathy Black	52	Female	Dialysis	2024-05-15	2024-05-30	Update	Delete	View
8	David Grey	40	Male	Oxygen Therapy	2024-06-10	2024-06-17	Update	Delete	View

Showing 1 to 8 of 33 entries   Previous 1 2 3 4 5 Next

Telemedicine MIS   Home   Add record   Admin   Report   Dropdown ▾   Search   Search

Update Patient Record

Update Patient Record

Patient Name

John Doe

Age

45

Gender

Male

Diagnosis

Hypertension

Treatment

Medication

Doctor Name

Dr. Smith

Admission Date

01/10/2024

Discharge Date

01/15/2024

| Update | Reset |

Record updated successfully!

Patient Name

John Doe

Age

45

Gender

Male

Diagnosis

Hypertension

Treatment

Medication

Doctor Name

Dr. Smith

Admission Date

01/10/2024

Discharge Date

01/15/2024

Insert New Patient Record

Telemedicine MIS   Home   Add record   Admin   Report   Dropdown ▾

Insert New Patient Record

Patient Name

Age

Gender
Male

Diagnosis

Treatment

Doctor Name

Admission Date
mm/dd/yyyy

Discharge Date
mm/dd/yyyy

[Insert]   [Reset]

Telemedicine MIS   Home   Add record   Admin   Report   Dropdown ▾

Mean Age	Male Patients	Female Patients	Total Patients
41.33	16	17	33

Search ITEM:

ID	Patient Name	Age	Gender	Treatment	Admission Date	Discharge Date	Update	Delete	View
1	John Does	60	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
2	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
3	John Doe	45	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
4	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
5	Alice Johnson	29	Female	Inhaler	2024-03-01	2024-03-05	Update	Delete	View
6	Bob White	60	Male	Bypass Surgery	2024-04-10	2024-04-20	Update	Delete	View
7	Cathy Black	52	Female	Dialysis	2024-05-15	2024-05-30	Update	Delete	View
8	David Grey	40	Male	Oxygen Therapy	2024-06-10	2024-06-17	Update	Delete	View

Showing 1 to 8 of 33 entries

Previous   1   2   3   4   5   Next

Telemedicine MIS   Home   Add record   Admin   Report   Dropdown ▾   Search   Search

Update Patient Record

Update Patient Record

Patient Name

John Does

Age

60

Gender

Male

Diagnosis

Hypertension

Treatment

Medication

Doctor Name

Dr. Smith

Admission Date

01/10/2024

Discharge Date

01/15/2024

Update	Reset

Telemedicine MIS   Home   Add record   Admin   Report   Dropdown ▾   Search   Search

Mean Age	Male Patients	Female Patients	Total Patients
41.33	16	17	33

Search ITEM:

ID	Patient Name	Age	Gender	Treatment	Admission Date	Discharge Date	Update	Delete	View
1	John Does	60	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
2	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
3	John Doe	45	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
4	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
5	Alice Johnson	29	Female	Inhaler	2024-03-01	2024-03-05	Update	Delete	View
6	Bob White	60	Male	Bypass Surgery	2024-04-10	2024-04-20	Update	Delete	View
7	Cathy Black	52	Female	Dialysis	2024-05-15	2024-05-30	Update	Delete	View
8	David Grey	40	Male	Oxygen Therapy	2024-06-10	2024-06-17	Update	Delete	View

Showing 1 to 8 of 33 entries

Previous | 1 | 2 | 3 | 4 | 5 | Next

Telemedicine MIS   Home Add record Admin Report Dropdown ▾

Search   Search

Update Patient Record

Update Patient Record

Patient Name
Jane Smith

Age
34

Gender
Female

Diagnosis
Diabetes

Treatment
Insulin Therapy

Doctor Name
Dr. Johnson

Admission Date
02/05/2024

Discharge Date
02/12/2024

Telemedicine MIS   Home Add record Admin Report Dropdown ▾

Search   Search

Mean Age	Male Patients	Female Patients	Total Patients
41.33	16	17	33

Search ITEM:

ID	Patient Name	Age	Gender	Treatment	Admission Date	Discharge Date	Update	Delete	View
1	John Does	60	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
2	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
3	John Doe	45	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
4	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
5	Alice Johnson	29	Female	Inhaler	2024-03-01	2024-03-05	Update	Delete	View
6	Bob White	60	Male	Bypass Surgery	2024-04-10	2024-04-20	Update	Delete	View
7	Cathy Black	52	Female	Dialysis	2024-05-15	2024-05-30	Update	Delete	View
8	David Grey	40	Male	Oxygen Therapy	2024-06-10	2024-06-17	Update	Delete	View

Showing 1 to 8 of 33 entries

Previous 1 2 3 4 5 Next

Telemedicine MIS   Home   Add record   Admin   Report   Dropdown ▾

Search   **Search**

Mean Age	Male Patients	Female Patients	Total Patients
41.33	16	17	33

Search ITEM:

ID	Patient Name	Age	Gender	Treatment	Admission Date	Discharge Date	Update	Delete	View
1	John Does	60	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
2	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
3	John Doe	45	Male	Medication	2024-01-10	2024-01-15	Update	Delete	View
4	Jane Smith	34	Female	Insulin Therapy	2024-02-05	2024-02-12	Update	Delete	View
5	Alice Johnson	29	Female	Inhaler	2024-03-01	2024-03-05	Update	Delete	View
6	Bob White	60	Male	Bypass Surgery	2024-04-10	2024-04-20	Update	Delete	View
7	Cathy Black	52	Female	Dialysis	2024-05-15	2024-05-30	Update	Delete	View
8	David Grey	40	Male	Oxygen Therapy	2024-06-10	2024-06-17	Update	Delete	View

Showing 1 to 8 of 33 entries

Previous   1   2   3   4   5   Next

Telemedicine MIS   Home   Add record   Admin   Report   Dropdown ▾

Search   **Search**

Patient Record

ID: 2

Patient Name: Jane Smith

Age: 34

Gender: Female

Diagnosis: Diabetes

Treatment: Insulin Therapy

Doctor Name: Dr. Johnson

Admission Date: 2024-02-05

Discharge Date: 2024-02-12

Patient Record

ID: 2

Patient Name: Jane Smith

Age: 34

Gender: Female

Diagnosis: Diabetes

Treatment: Insulin Therapy

Doctor Name: Dr. Johnson

Admission Date: 2024-02-05

Discharge Date: 2024-02-12