HealthClinic_a27484

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Chapter 1

Namespace Index

1.1 Package List

Here are the packages with brief descriptions (if available):

HealthClinic
: Contains the core components and entry point for the HealthClinic application . . . . . ??

HealthClinic.Forms . . . . . ??

HealthClinic.Models
: Contains the model classes representing entities in the HealthClinic application . . . . . ??

HealthClinic.Utils
: Contains utility classes and methods for the HealthClinic application . . . . . ??

Chapter 2

Hierarchical Index

2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

HealthClinic.Models.Appointment . . . . . ??
HealthClinic.Models.Exam . . . . . ??
Form
  HealthClinic.AddDoctor . . . . . ??
  HealthClinic.Forms.AddAppointment . . . . . ??
  HealthClinic.Forms.AddPatient . . . . . ??
  HealthClinic.Forms.AppointmentDetailsForm . . . . . ??
  HealthClinic.Forms.DeleteDoctor . . . . . ??
  HealthClinic.Forms.DeletePatient . . . . . ??
  HealthClinic.Forms.LoginHostForm . . . . . ??
  HealthClinic.Forms.MainMenu . . . . . ??
  HealthClinic.Forms.ManageAppointmentsForm . . . . . ??
  HealthClinic.Forms.ManageDoctorsForm . . . . . ??
  HealthClinic.Forms.ManagePatientsForm . . . . . ??
  HealthClinic.Forms.SearchDoctor . . . . . ??
  HealthClinic.Forms.SearchPatient . . . . . ??
  HealthClinic.Forms.ViewAppointments . . . . . ??
  HealthClinic.ViewDoctors . . . . . ??
  HealthClinic.ViewPatients . . . . . ??
HealthClinic.Models.Medication . . . . . ??
HealthClinic.Models.Person . . . . . ??
  HealthClinic.Models.Doctor . . . . . ??
  HealthClinic.Models.Patient . . . . . ??
UserControl
  HealthClinic.Forms.UserControl1 . . . . . ??

Chapter 3

Class Index

3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

HealthClinic.Forms.AddAppointment . . . . . ??
HealthClinic.AddDoctor . . . . . ??
HealthClinic.Forms.AddPatient . . . . . ??
HealthClinic.Models.Appointment . . . . . ??
HealthClinic.Forms.AppointmentDetailsForm . . . . . ??
HealthClinic.Forms.DeleteDoctor . . . . . ??
HealthClinic.Forms.DeletePatient . . . . . ??
HealthClinic.Models.Doctor . . . . . ??
HealthClinic.Models.Exam
    Represents a medical exam in the HealthClinic application . . . . . ??
HealthClinic.Forms.LoginHostForm . . . . . ??
HealthClinic.Forms.MainMenu . . . . . ??
HealthClinic.Forms.ManageAppointmentsForm . . . . . ??
HealthClinic.Forms.ManageDoctorsForm . . . . . ??
HealthClinic.Forms.ManagePatientsForm . . . . . ??
HealthClinic.Models.Medication
    Represents a medication in the HealthClinic application . . . . . ??
HealthClinic.Models.Patient . . . . . ??
HealthClinic.Models.Person . . . . . ??
HealthClinic.Forms.SearchDoctor . . . . . ??
HealthClinic.Forms.SearchPatient . . . . . ??
HealthClinic.Forms.UserControl1 . . . . . ??
HealthClinic.Forms.ViewAppointments . . . . . ??
HealthClinic.ViewDoctors . . . . . ??
HealthClinic.ViewPatients . . . . . ??

Chapter 4

File Index

4.1 File List

Here is a list of all files with brief descriptions:

Program.cs
: Entry point for the HealthClinic application . . . ??

Forms/AddAppointment.cs
: Form for adding a new appointment in the HealthClinic application . . . ??

Forms/AddAppointment.Designer.cs . . . ??

Forms/AddDoctor.cs
: Form for adding a new doctor in the HealthClinic application . . . ??

Forms/AddDoctor.Designer.cs
: Designer class for the AddDoctor form in the HealthClinic application . . . ??

Forms/AddPatient.cs
: Form for adding a new patient in the HealthClinic application . . . ??

Forms/AddPatient.Designer.cs
: Designer class for the AddPatient form in the HealthClinic application . . . ??

Forms/AppointmentDetailsForm.cs
: Form for displaying detailed information about an appointment . . . ??

Forms/AppointmentDetailsForm.Designer.cs
: Designer class for the AppointmentDetailsForm in the HealthClinic application . . . ??

Forms/DeleteDoctor.cs
: Form for deleting doctors in the HealthClinic application . . . ??

Forms/DeleteDoctor.Designer.cs
: Designer class for the DeleteDoctor form in the HealthClinic application . . . ??

Forms/DeletePatient.cs
: Form for deleting patients in the HealthClinic application . . . ??

Forms/DeletePatient.Designer.cs
: Designer class for the DeletePatient form in the HealthClinic application . . . ??

Forms/LoginHost.cs . . . ??

Forms/LoginHost.Designer.cs . . . ??

Forms/MainMenu.cs
: Main menu form for navigating through different management sections of the HealthClinic application . . . ??

Forms/MainMenu.Designer.cs
: Designer class for the MainMenu in the HealthClinic application . . . ??

Forms/ManageAppointments.cs . . . ??

Forms/ManageAppointments.Designer.cs . . . ??

Forms/ManageDoctor.cs . . . ??

Forms/ManageDoctor.Designer.cs . . . ??
Forms/ManagePatients.cs . . . ??
Forms/ManagePatients.Designer.cs . . . ??
Forms/SearchDoctor.cs
Form for searching and displaying doctor details in the HealthClinic application . . . ??
Forms/SearchDoctor.Designer.cs
Designer class for the SearchDoctor form in the HealthClinic application . . . ??
Forms/SearchPatient.cs
Form for searching and displaying patient details in the HealthClinic application . . . ??
Forms/SearchPatient.Designer.cs
Designer class for the SearchPatient form in the HealthClinic application . . . ??
Forms/UserControl1.cs
User control for handling user login in the HealthClinic application . . . ??
Forms/UserControl1.Designer.cs
Designer class for the UserControl1 in the HealthClinic application . . . ??
Forms/ViewAppointments.cs
Form for viewing and managing appointments in the HealthClinic application . . . ??
Forms/ViewAppointments.Designer.cs
Designer class for the ViewAppointments form in the HealthClinic application . . . ??
Forms/ViewDoctors.cs
Form for viewing and managing doctors in the HealthClinic application . . . ??
Forms/ViewDoctors.Designer.cs
Designer class for the ViewDoctors form in the HealthClinic application . . . ??
Forms/ViewPatients.cs
Form for viewing and managing patients in the HealthClinic application . . . ??
Forms/ViewPatients.Designer.cs
Designer class for the ViewPatients form in the HealthClinic application . . . ??
Models/Appointment.cs
Represents an appointment in the HealthClinic application . . . ??
Models/AppointmentService.cs
Provides services for managing appointments in the HealthClinic application . . . ??
Models/Doctor.cs
Represents a doctor in the HealthClinic application . . . ??
Models/DoctorServices.cs
Provides a collection of static methods to manage doctors . . . ??
Models/Exam.cs
Defines the Exam class for the HealthClinic application . . . ??
Models/Medication.cs
Defines the Medication class for the HealthClinic application . . . ??
Models/Patient.cs
Represents a patient in the HealthClinic application . . . ??
Models/PatientServices.cs
Provides a collection of static methods to manage patients . . . ??
Models/Person.cs
Abstract base class representing a person . . . ??
Utils/DataPersistence.cs
Provides utility methods for saving and loading data to and from files . . . ??
Utils/DataValidation.cs
Provides utility methods for user input validation . . . ??

Chapter 5

Namespace Documentation

5.1 HealthClinic Namespace Reference

Contains the core components and entry point for the HealthClinic application.

Namespaces

- namespace Forms
- namespace Models

  Contains the model classes representing entities in the HealthClinic application.
- namespace Utils

  Contains utility classes and methods for the HealthClinic application.

Classes

- class AddDoctor
- class **Program**
- class ViewDoctors
- class ViewPatients

5.1.1 Detailed Description

Contains the core components and entry point for the HealthClinic application.

5.2 HealthClinic.Forms Namespace Reference

Classes

- class AddAppointment
- class AddPatient
- class AppointmentDetailsForm
- class DeleteDoctor
- class DeletePatient
- class LoginHostForm
- class MainMenu
- class ManageAppointmentsForm
- class ManageDoctorsForm
- class ManagePatientsForm
- class SearchDoctor
- class SearchPatient
- class UserControl1
- class ViewAppointments

5.3 HealthClinic.Models Namespace Reference

Contains the model classes representing entities in the HealthClinic application.

Classes

- class Appointment
- class **AppointmentService**
- class Doctor
- class **DoctorServices**
- class Exam

  Represents a medical exam in the HealthClinic application.
- class Medication

  Represents a medication in the HealthClinic application.
- class Patient
- class **PatientServices**
- class Person

5.3.1 Detailed Description

Contains the model classes representing entities in the HealthClinic application.

5.4 HealthClinic.Utils Namespace Reference

Contains utility classes and methods for the HealthClinic application.

Classes

- class **DataPersistence**
- class **DataValidation**

5.4.1 Detailed Description

Contains utility classes and methods for the HealthClinic application.