```
@startuml

class ApplicationDbContext {

    DbSet<Services> Services

    DbSet<Service> Service

    DbSet<Appointment> Appointment

    DbSet<Master> Master

    DbSet<MasterService> MasterService

    + ApplicationDbContext(DbContextOptions<ApplicationDbContext> options)

    + OnModelCreating(ModelBuilder modelBuilder)

}

class Appointment {

    - int Id

    - string ClientName

    - string Phone

    - DateTime DateTime

    - int MasterServiceId

    - MasterService MasterService

}

class Master {

    - int Id

    - string Name

    - string Position

    - ICollection<MasterService> MasterServices

}

class MasterService {

    - int Id

    - int MasterId
```

```
    - Master Master

    - int ServiceId

    - Service Service

    - Appointment Appointment
}


class Service {

    - int Id

    - string Name

    - int Price

    - int ServicesId

    - Services Services

    - ICollection<MasterService> MasterServices
}


class Services {

    - int Id

    - string Name

    - Service Service
}


class HomeController {

    + Index()

    + Privacy()

    + GetServices(int id)

    + Error()

    + SendMessage(string name, string phone)
}


class AppointmentController {

    + Index(int id)
```

```
    + GetTimeSlot(DateTime selectedDate, int masterId)

    + Create(int serviceId, int masterId, string nameInput, string phoneInput, DateTime
selectedDateTime)

}


class SearchController {

    + Index()

    + Search(string searchString)

}


class ViewIndexHomeController {

    + Render()

}


class ViewIndexAppointmentController {

    + Render()

}


class ViewIndexSearchController {

    + Render()

}


class PartialViewTimeSlotsPartView {

    + Render()

}


class PartialViewPartView {

    + Render()

}


class PartialViewSearchResult {
```

```
    + Render()
}

class Layout {
    + Render()
}

class Program {
    + Main(string[] args)
}

ApplicationDbContext --|> Appointment

ApplicationDbContext --|> Master

ApplicationDbContext --|> Service

ApplicationDbContext --|> MasterService

Appointment -- Master

Appointment -- MasterService

MasterService -- Service

Service -- Services

HomeController --> ApplicationDbContext

AppointmentController --> ApplicationDbContext

SearchController --> ApplicationDbContext

ViewIndexHomeController --> HomeController

ViewIndexAppointmentController --> AppointmentController

ViewIndexSearchController --> SearchController

PartialViewTimeSlotsPartView --> AppointmentController

PartialViewPartView --> HomeController

PartialViewSearchResult --> SearchController
```

Layout --> HomeController

Program --> ApplicationDbContext

@enduml