

Manual Técnico

Curso: Diseño de Aplicaciones de Software

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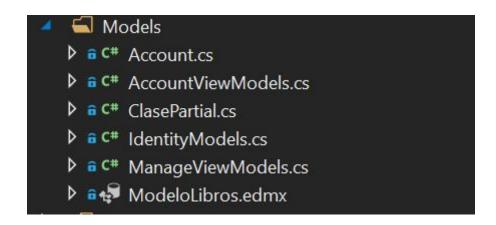
Profesor: Fernando Salas Castro

I Cuatrimestre 2020

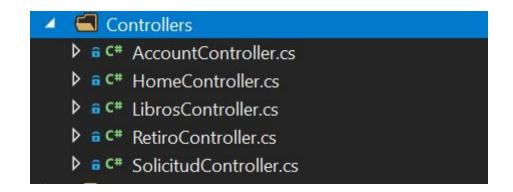
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Componentes del Proyecto

Models (Datos)



Controllers (Lógica)



Account Controller

Funcionalidad: la funcionalidad de este controlador es establecer una conexión con la base de datos para así permitir o denegar el acceso a los administradores al programa.

Métodos

- Login()
- connectionString()
- Verify(Account acc)

Variables

- SqlConnection con = new SqlConnection();
- SqlCommand com = new SqlCommand();
- SqlDataReader dr;
- Name
- Password

```
| AccountController | Image: |
```

```
### Proyectors | **

| *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *
```

HomeController

Funcionalidad: Se encarga de administrar la vista del Menú

Métodos

Index()

```
| Busing System: | System: | System: | System: | System: | System: | Susing System: | Meb; | Susing Sys
```

LibrosController

Funcionalidad: la funcionalidad de este controlador es establecer una conexión con la base de datos para así Agregar/Eliminar/Editar Libros y de igual forma poder dar de baja libros que se encuentren dañados

Métodos

- Index()
- Buscar()
- Agregar()
- Editar()
- Editar(CAT_LIBROS Libro)
- Detalles(int id)
- Eliminar(int id)
- Librosdañados()
- Back()
- IndexDañados()
- AgregarDañados(int id)
- AgregarDañados(CAT_LIBROS_DAÑADOS Libro)
- DetallesDañados(int id)
- EliminarDañados(int id)

Variables

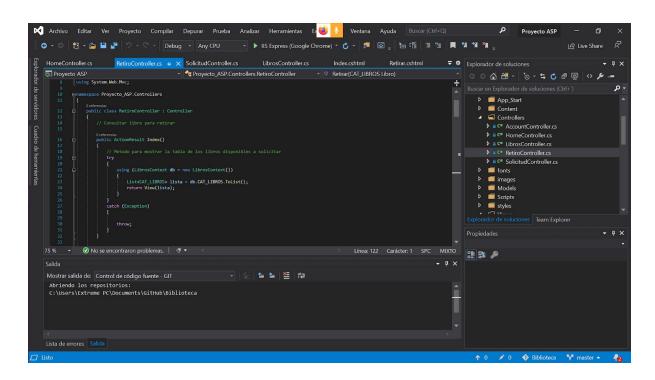
- List<CAT_LIBROS> lista
- int id
- LibrosContext db
- string libro
- int id_isbn
- CAT_LIBROS Blibro
- CAT_LIBROS Libro
- List<CAT_LIBROS_DAÑADOS> lista
- CAT_LIBROS_DAÑADOS Libro

```
| Discissor ASP | Description | Description
```

```
| Discretion | Sign | Discretion | Discretio
```

```
| Ephroyector ASP | Proyector ASP Controllers | Proyector
```

```
| Deposition Name | Section | Sectio
```



```
| Temporation |
```

Retiro controller

Funcionalidad: la funcionalidad de este controlador es establecer una conexión con la base de datos para así administrar las solicitudes de los libros y generar tickets con la información correspondiente

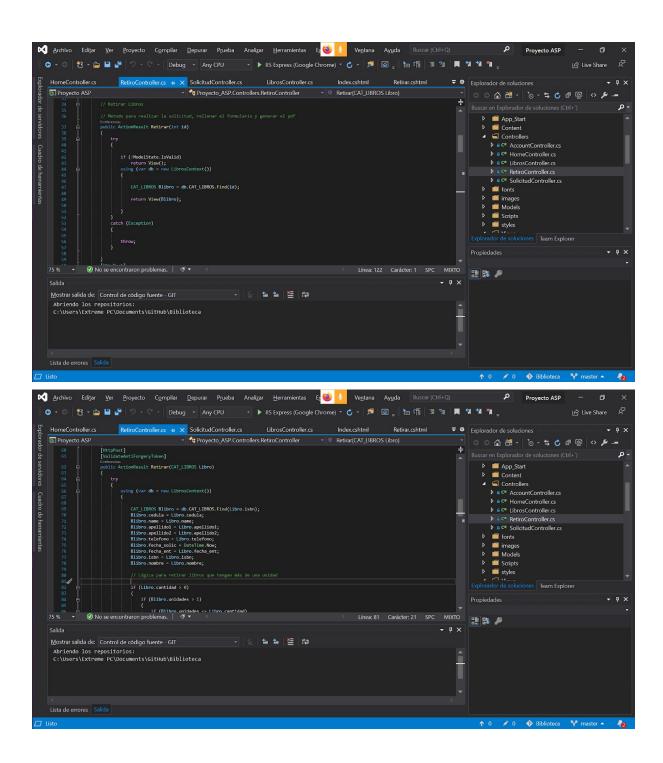
Métodos

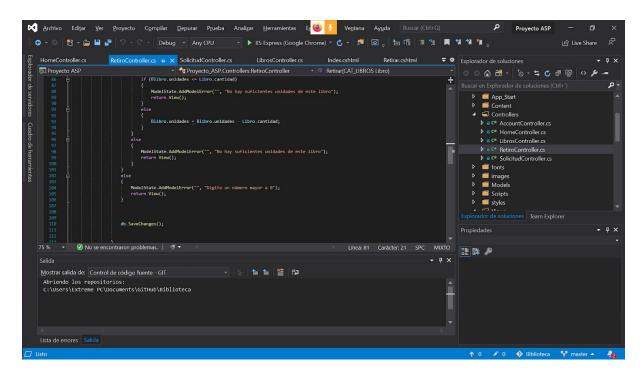
- Index()
- Retirar(int id)
- Retirar(CAT_LIBROS Libro)
- Back()

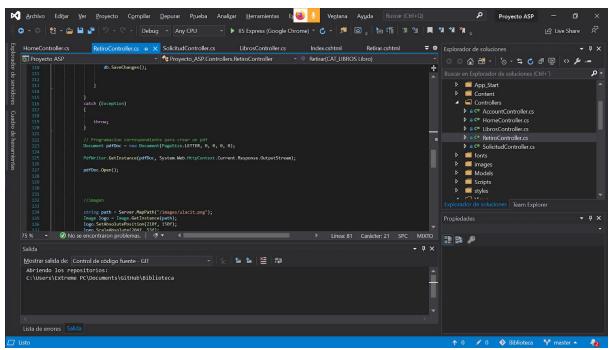
Variables

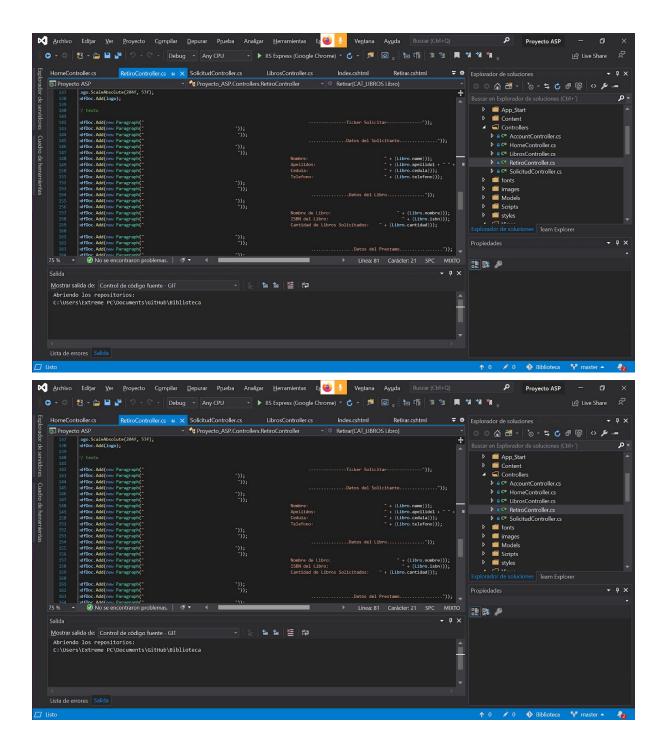
- LibrosContext db
- int id
- CAT_LIBROS Blibro

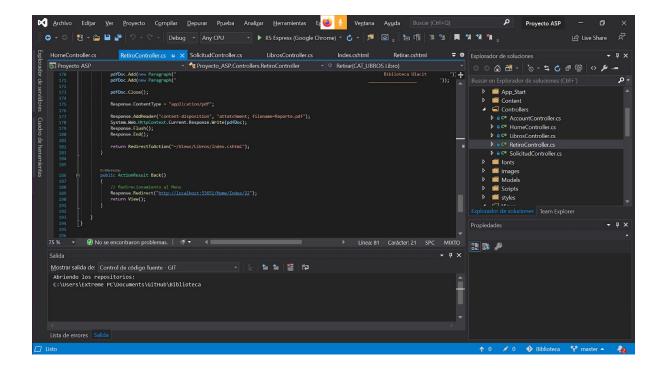
- CAT_LIBROS Libro
- List<CAT_LIBROS> lista
- string path









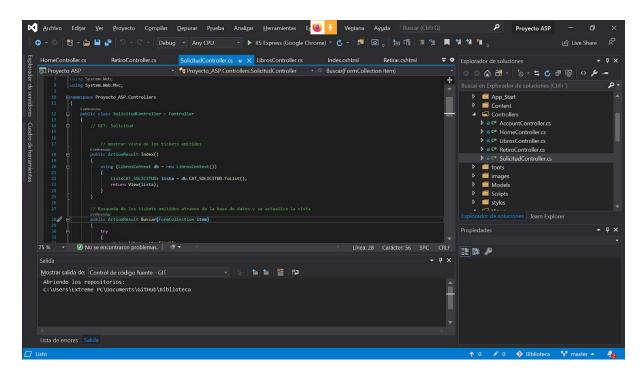


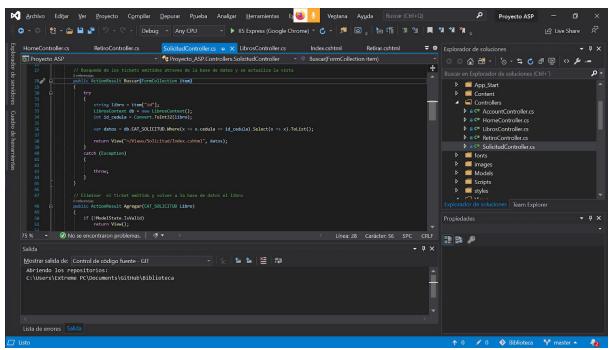
Solicitud Controller

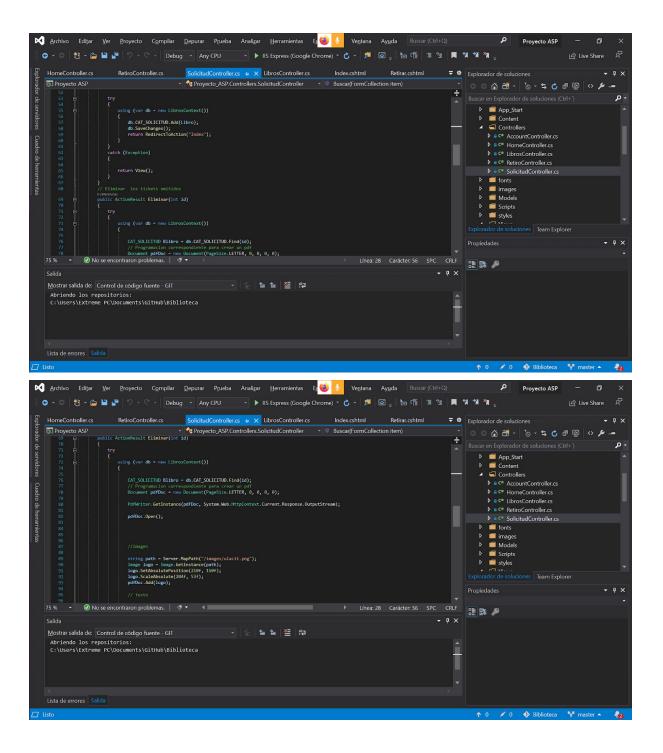
Funcionalidad: la funcionalidad de este controlador es establecer una conexión con la base de datos para así administrar la entrega de los libros y generar tickets con la información correspondiente

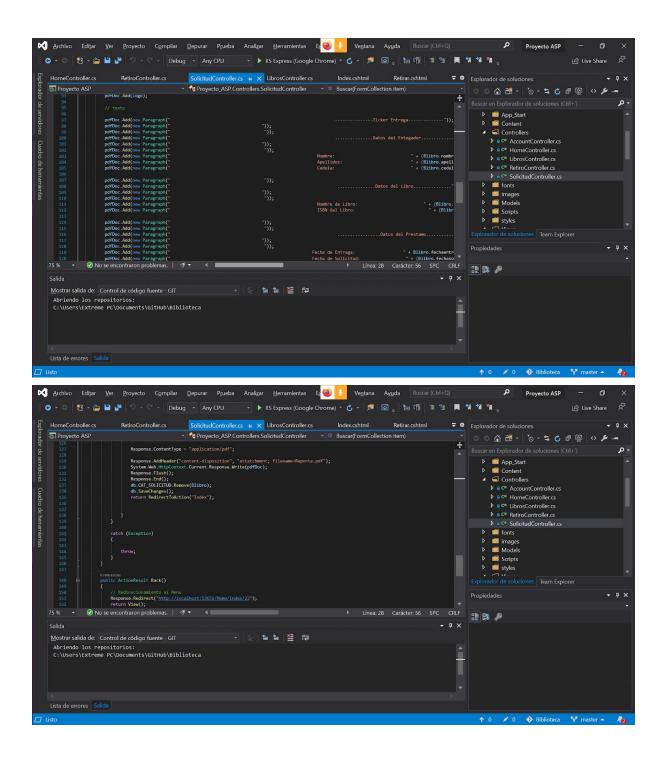
Métodos

- List<CAT_SOLICITUD> lista
- int id
- LibrosContext db
- string libro
- int id_cedula
- string path



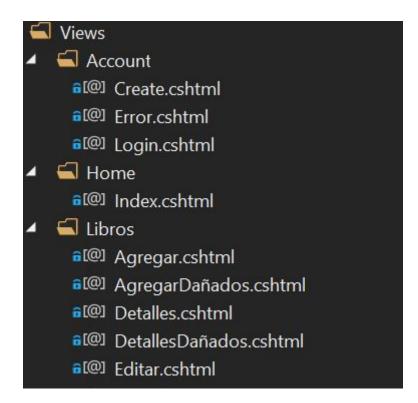






Views(UI)

Parte de la interfaz Gráfica de todo el Programa



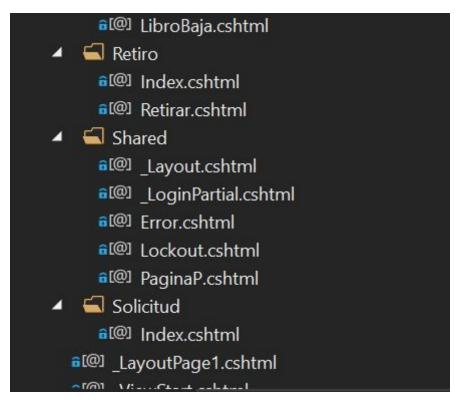


Diagrama UML

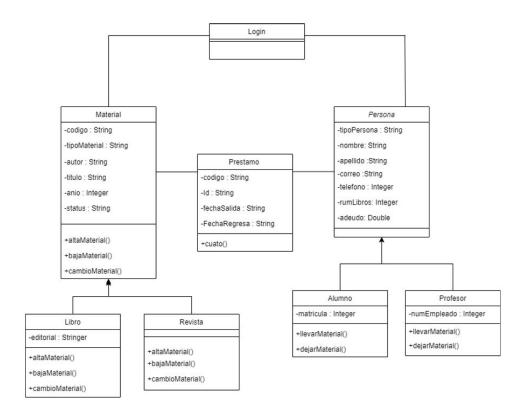


Diagrama de Flujo

