

Small Pain Points

Flutter Web

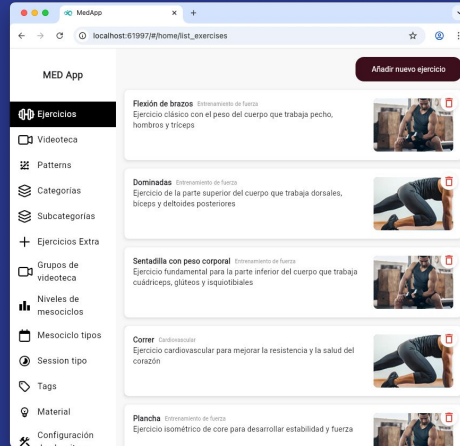
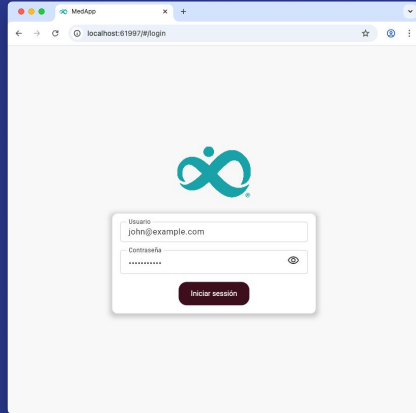
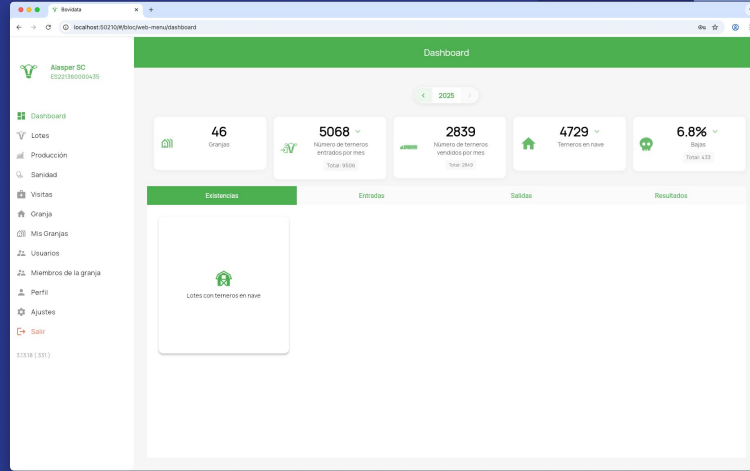
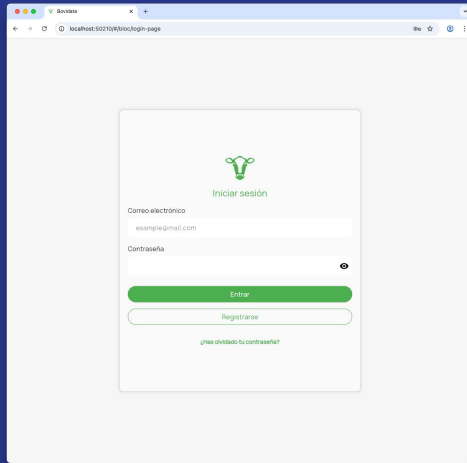
Ernesto González



Dashboard / Backoffice



I heard Flutter can compile to web



Pages/Screens as links

Common rule **REST**

Use **Path** and **Query** parameters for screens

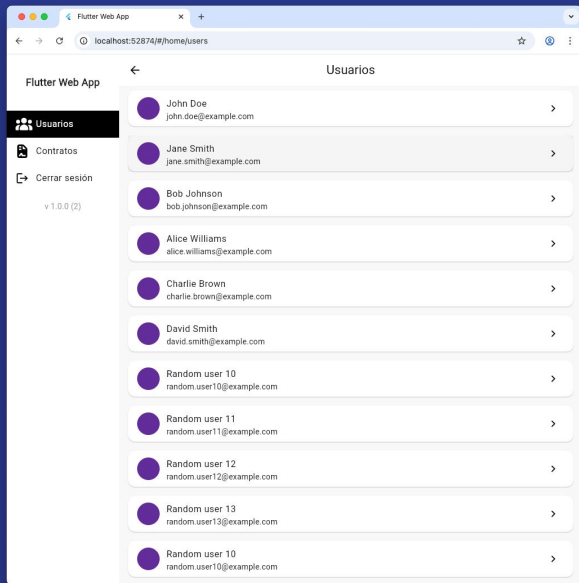
```
AdaptiveRoute (path: 'users/:id', page: UserDetailsRoute.page),
```

Very similar in

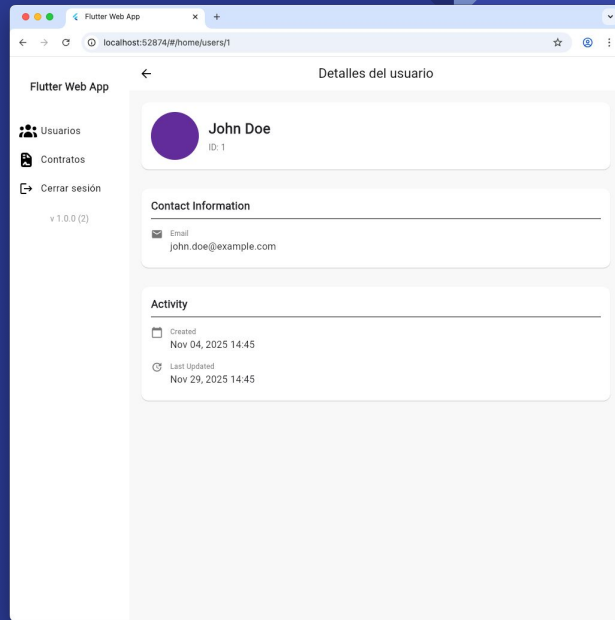
AutoRoute https://pub.dev/packages/auto_route

GoRouter https://pub.dev/packages/go_router

“/home/users”

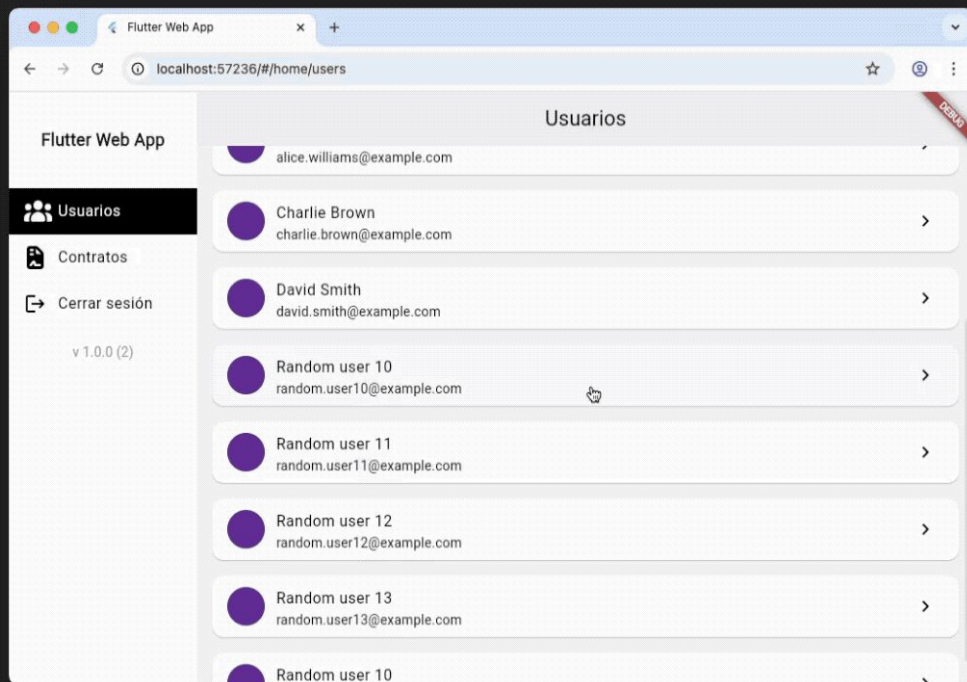


“/home/users/1”



- Clean and Semantic URL
- Deeplinks to specific content
- Smooth Navigation

Scroll Bars



Scroll Bars

```
Scrollbar(  
  thumbVisibility: true,  
  controller: _controller,  
  child: ListView.builder(  
    controller: controller,  
    itemCount: users.length,  
    itemBuilder: (context, index) {  
      final user = users[index];  
      return _userListItem(user);  
    },  
  ),  
)
```

thumbVisibility == true
ScrollController attached

Images

As HTML Browser loads images native. 

```

```


Images

Load image through network in Flutter App. 

```
Image.network('https://storage.googleapis.com/cms-storage-bucket/stable-and-reliable.3461c6a5b33c339001c5.jpg',height: 300),
```

```
Image.network('https://magnetapps.com/wp-content/uploads/2025/12/flutter_logo.jpg',height: 300),
```

Load image through network in Flutter Web. 

```
//CORS policy open
```

```
Image.network('https://storage.googleapis.com/cms-storage-bucket/stable-and-reliable.3461c6a5b33c339001c5.jpg',height: 300),
```

```
//CORS policy blocked
```

```
Image.network('https://magnetapps.com/wp-content/uploads/2025/12/flutter_logo.jpg',height: 300),
```

CORS



HTTP request failed, statusCode: 0, https://magnetapps.com/wp-content/uploads/2025/12/flutter_logo.jpg

 stable-and-reliable.3461c6a5b33c339001c...	GET	200	xhr	_network_image_web.da	262 kB	26 ms
 flutter_logo.jpg	GET	CORS error	xhr	_network_image_web.da	0.0 kB	73 ms
Cross-Origin Resource Sharing error: MissingAllowOriginHeader				_network_image_web.da	69.2 kB	20 ms

CORS



If you have access to Bucket or Firebase Storage. Configure CORS policy

Use `HtmlElementView.fromTag`. To use native `<img>` html tag.

<https://docs.flutter.dev/platform-integration/web/web-images>

Select Text

Bienvenido al panel de control

Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Sed do eiusmod tempor incididunt ut labore et dolore
magna aliqua.

By default Text not selectable in web. 

Bienvenido al panel de control

Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Sed do eiusmod tempor incididunt ut labore et dolore
magna aliqua.

Using SelectionArea Widget. 

Select Text

```
abstract class SelectionTextPage extends StatelessWidget implements AutoRouteWrapper {  
  const SelectionTextPage({super.key});  
  
  @override  
  Widget wrappedRoute(BuildContext context) {  
    return SelectionArea(  
      child: this,  
    );  
  }  
}
```

Others

Upload files/Drag&Drop

https://pub.dev/packages/desktop_drop

The screenshot shows a web application interface for adding a new lot (Añadir nuevo lote). The interface is divided into a sidebar and a main content area.

Sidebar:

- Logo: Magnet 123456
- Dashboard
- Lotes
- Producción
- Sanidad
- Visitas
- Granja
- Mis Granjas
- Usuarios
- Miembros de la granja
- Perfil
- Ajustes
- Salir
- 31319 (332)

Main Content Area:

Añadir nuevo lote

Nombre del lote:

Número de terneros:

Selecciona la procedencia:

Ganancia media diaria estimada:

Peso medio de entrada (kgs):

Peso objetivo de salida:

Edad animal en semanas:

Tipología:

Elige fecha de entrada:

Elige nave:

Elige el sexo:

Others

Responsive Layout

https://pub.dev/packages/responsive_framework



Thank you

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<https://www.magnetapps.com>

