

[ChristopherDesrosiersMondor](#) / [Livrables](#) Private[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Security](#) [Insights](#)[main](#) [Livrables](#) / [ExamenPratique](#) /

...



valerieouellette read me ...

1 minute ago [History](#)

..



images

1 minute ago



README.md

1 minute ago



README.md



Examen Pratique Application Mobile

Description du livrable

Nous allons livrer une MPV d'une partie de notre application, soit de la page de connexion et de la création de compte. Le tout a été implémenté avec Flutter. Seulement l'interface graphique a été implémentée, les fonctionnalités seront le fruit d'un autre livrable.

Code & Output

Page Connexion

```
import 'package:flutter/material.dart';

class ConnexionPage extends StatelessWidget {
  const ConnexionPage({super.key});

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('ConnexionPage'),
```

```

    ),
    body: const Center(child: ConnexionForm()),
  );
}
}

class ConnexionForm extends StatefulWidget {
  const ConnexionForm({super.key});

  @override
  State<ConnexionForm> createState() => ConnexionFormState();
}

class ConnexionFormState extends State<ConnexionForm> {
  final GlobalKey<FormState> _formKey = GlobalKey<FormState>();

  @override
  Widget build(BuildContext context) {
    return Form(
      key: _formKey,
      child: Column(
        crossAxisAlignment: CrossAxisAlignment.start,
        children: <Widget>[
          TextFormField(
            decoration: const InputDecoration(
              hintText: 'Pseudo',
            ),
            validator: (String? value) {
              if (value == null || value.isEmpty) {
                return 'Please enter some text';
              }
              return null;
            },
          ),
          TextFormField(
            obscureText: true,
            enableSuggestions: false,
            autocorrect: false,
            decoration: const InputDecoration(
              hintText: 'Mot de passe',
            ),
            validator: (String? value) {
              if (value == null || value.isEmpty) {
                return 'Please enter some text';
              }
              return null;
            },
          ),
          Padding(

```

```

padding: const EdgeInsets.symmetric(vertical: 16.0),
child: ElevatedButton(
  onPressed: () {
    // Validate will return true if the form is valid, or false if
    // the form is invalid.
    if (_formKey.currentState!.validate()) {
      // Process data.
    }
  },
  child: const Text('Submit'),
),
),
],
),
);
}
}

```

Page Creation de compte

```

import 'package:flutter/material.dart';

class CreationCompte extends StatelessWidget {
  const CreationCompte({super.key});

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('CreationCompte'),
      ),
      body: const SingleChildScrollView(child: CreationCompteForm()),
    );
  }
}

class CreationCompteForm extends StatefulWidget {
  const CreationCompteForm({super.key});

  @override
  State<CreationCompteForm> createState() => CreationCompteFormState();
}

class CreationCompteFormState extends State<CreationCompteForm> {
  final GlobalKey<FormState> _formKey = GlobalKey<FormState>();
}

```

```
@override
Widget build(BuildContext context) {
  return Form(
    key: _formKey,
    child: Column(
      crossAxisAlignment: CrossAxisAlignment.start,
      children: <Widget>[
        TextFormField(
          decoration: const InputDecoration(
            hintText: 'Nom',
          ),
          validator: (String? value) {
            if (value == null || value.isEmpty) {
              return 'Please enter some text';
            }
            return null;
          },
        ),
        TextFormField(
          decoration: const InputDecoration(
            hintText: 'Prénom',
          ),
          validator: (String? value) {
            if (value == null || value.isEmpty) {
              return 'Please enter some text';
            }
            return null;
          },
        ),
        TextFormField(
          decoration: const InputDecoration(
            hintText: 'Courriel',
          ),
          validator: (String? value) {
            if (value == null || value.isEmpty) {
              return 'Please enter some text';
            }
            return null;
          },
        ),
        TextFormField(
          decoration: const InputDecoration(
            hintText: 'Pseudo',
          ),
          validator: (String? value) {
            if (value == null || value.isEmpty) {
              return 'Please enter some text';
            }
            return null;
          },
        ),
      ],
    ),
  );
}
```

```

    },
  ),
  TextFormField(
    obscureText: true,
    enableSuggestions: false,
    autocorrect: false,
    decoration: const InputDecoration(
      hintText: 'Mot de passe',
    ),
    validator: (String? value) {
      if (value == null || value.isEmpty) {
        return 'Please enter some text';
      }
      return null;
    },
  ),
  const Text("\nDate de naissance:"),
  DatePickerDialog(
    initialEntryMode: DatePickerEntryMode.calendarOnly,
    initialDate: DateTime.now(),
    firstDate: DateTime(1900),
    lastDate: DateTime.now(),
  ),
  Padding(
    padding: const EdgeInsets.symmetric(vertical: 16.0),
    child: ElevatedButton(
      onPressed: () {
        // Validate will return true if the form is valid, or false if
        // the form is invalid.
        if (_formKey.currentState!.validate()) {
          // Process data.
        }
      },
      child: const Text('Submit'),
    ),
  ),
],
),
);
}
}

```

Page Home

```
import 'package:flutter/material.dart';
```

```
class Home extends StatelessWidget {  
  const Home({super.key});  
  
  @override  
  Widget build(BuildContext context) {  
    return Scaffold(  
      appBar: AppBar(  
        title: const Text('Home Page'),  
      ),  
      body: const Center(child: Text('Page accueil')),  
    );  
  }  
}
```

Main

```
import 'package:flutter/material.dart';  
import 'package:interface_mobile/connexion.dart';  
import 'package:interface_mobile/creationcompte.dart';  
import 'package:interface_mobile/home.dart';  
  
// Source: https://api.flutter.dev/flutter/material/BottomNavigationBar-class.html  
  
void main() => runApp(const MyApp());  
  
class MyApp extends StatelessWidget {  
  const MyApp({super.key});  
  
  static const String _title = 'MVP Hublot';  
  
  @override  
  Widget build(BuildContext context) {  
    return const MaterialApp(  
      title: _title,  
      home: HublotWidget(),  
    );  
  }  
}  
  
class HublotWidget extends StatefulWidget {  
  const HublotWidget({super.key});  
  
  @override  
  State<HublotWidget> createState() => _HublotWidgetState();  
}  
  
class _HublotWidgetState extends State<HublotWidget> {
```

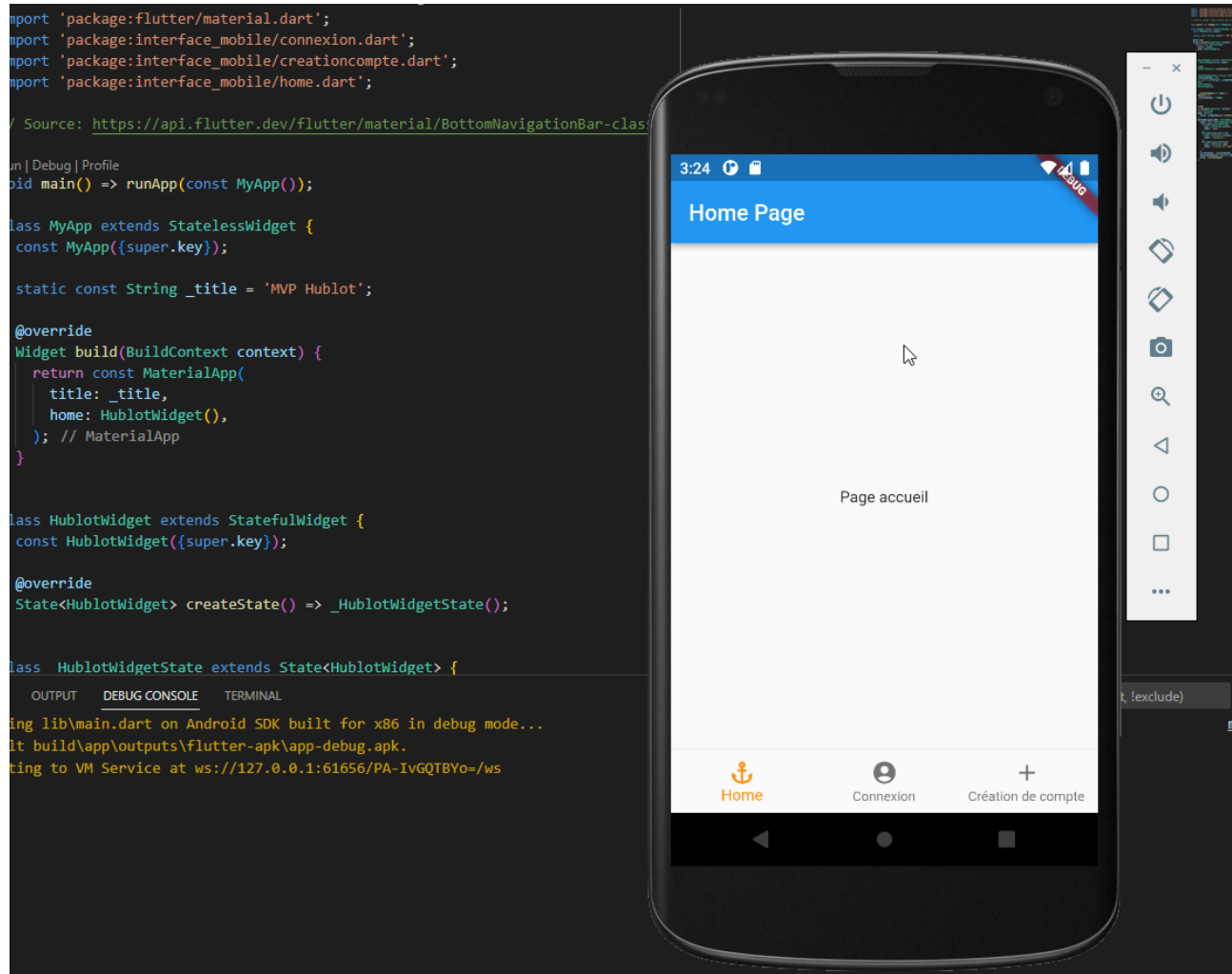
```
int _selectedIndex = 0;
static const List<Widget> _widgetOptions = <Widget>[
  Home(),
  ConnexionPage(),
  CreationCompte(),
];

void _onItemTapped(int index) {
  setState(() {
    _selectedIndex = index;
  });
}

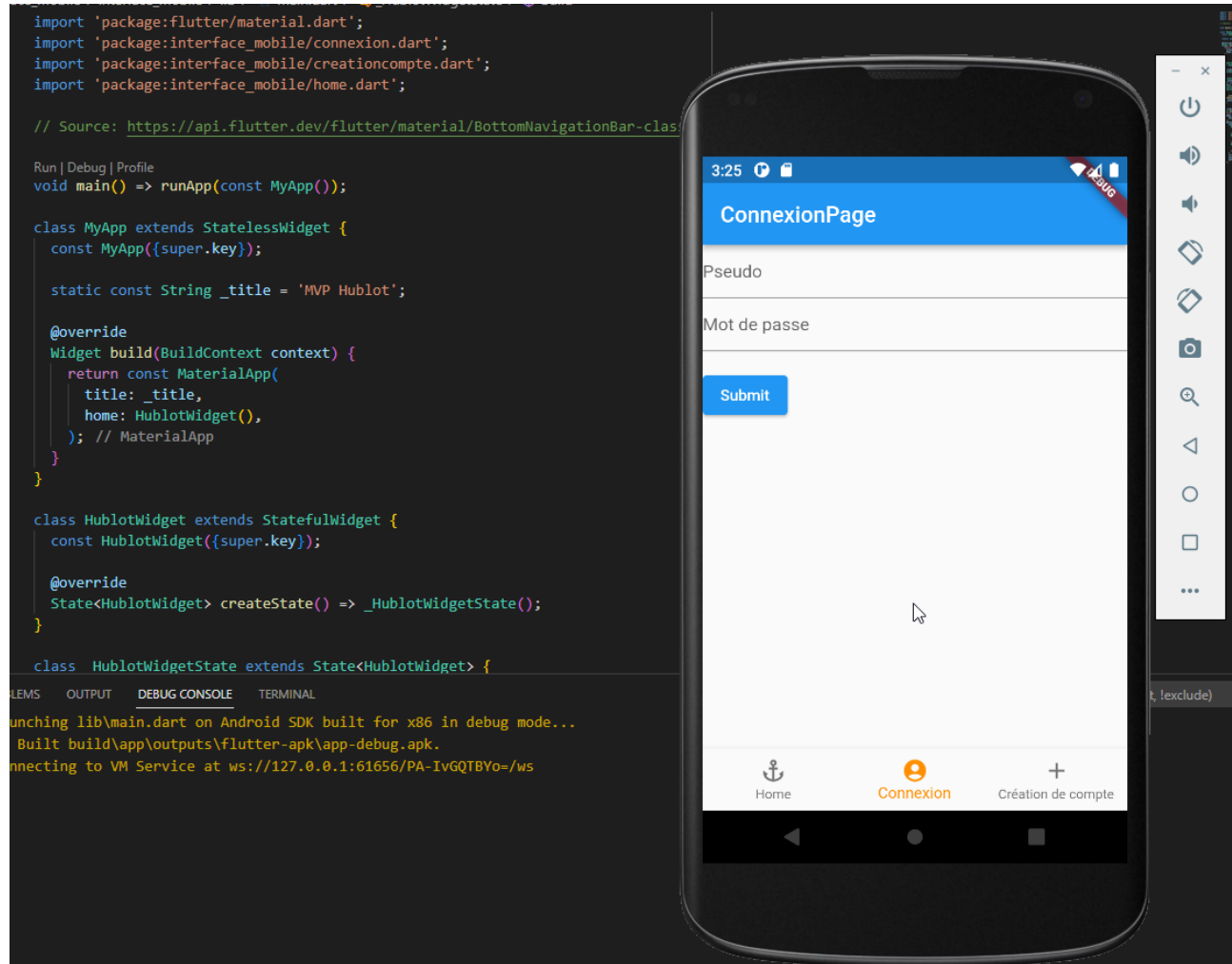
@override
Widget build(BuildContext context) {
  return Scaffold(
    body: Center(
      child: _widgetOptions.elementAt(_selectedIndex),
    ),
    bottomNavigationBar: BottomNavigationBar(
      items: const <BottomNavigationBarItem>[
        BottomNavigationBarItem(
          icon: Icon(Icons.anchor),
          label: 'Home',
        ),
        BottomNavigationBarItem(
          icon: Icon(Icons.account_circle),
          label: 'Connexion',
        ),
        BottomNavigationBarItem(
          icon: Icon(Icons.add),
          label: 'Création de compte',
        ),
      ],
      currentIndex: _selectedIndex,
      selectedItemColor: Colors.amber[800],
      onTap: _onItemTapped,
    ),
  );
}
```

Screenshot des pages

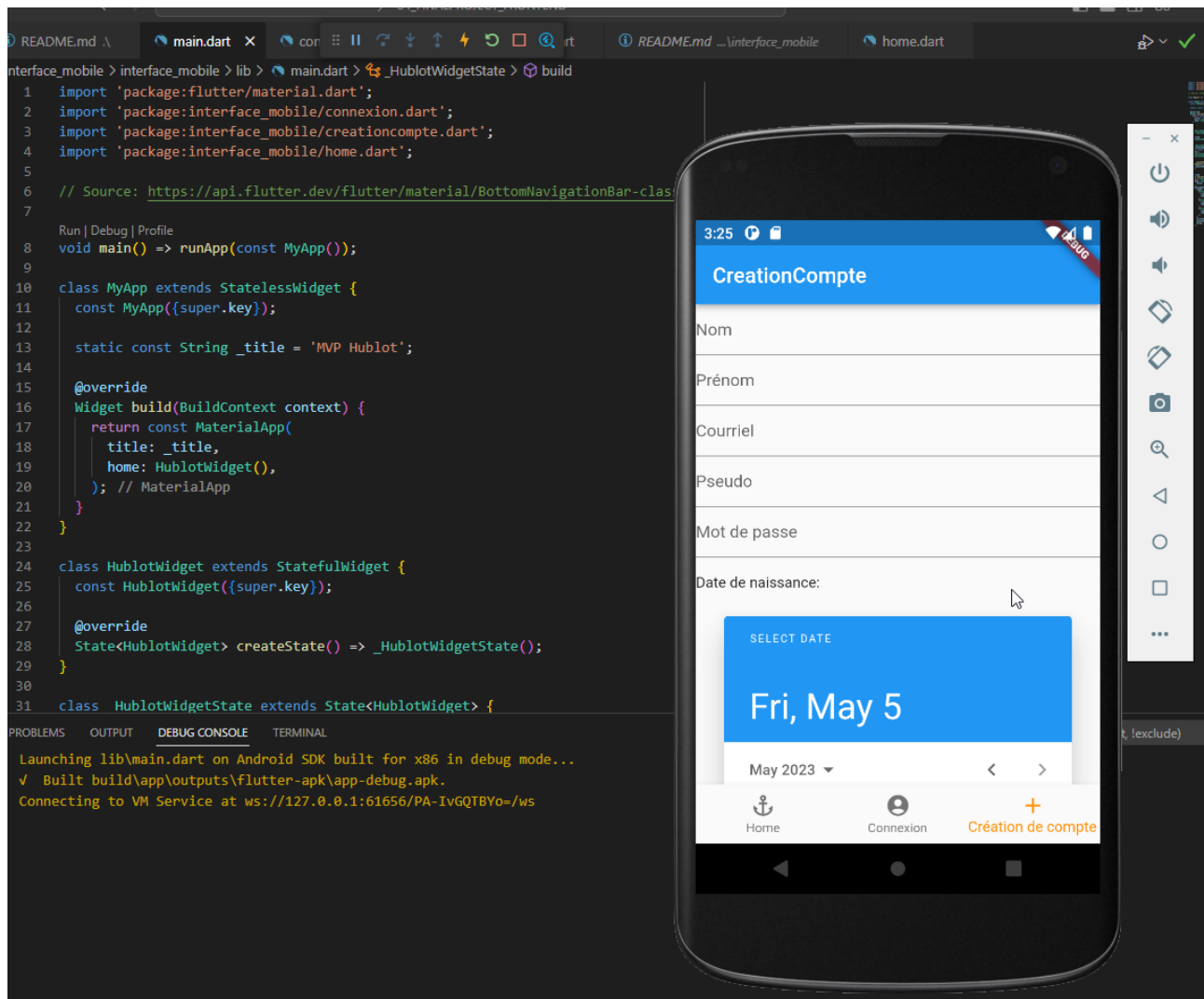
Accueil



Connexion



Création de compte



Sources

Champs d'entrée - Form widget

Source : [Form class](<https://api.flutter.dev/flutter/widgets/Form-class.html>)

Texte

Source : [Text widget](<https://www.javatpoint.com/flutter-text>)

Plusieurs pages

Source: <https://api.flutter.dev/flutter/material/BottomNavigationBar-class.html>

Give feedback