Universidad Don Bosco

Integrantes:

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Asignatura: Diseño y programación de software multiplataforma.

Código de la Asignatura:

DPS441

Grupo: 02L

Capturas del código de la aplicación de cursos técnicos

Open files
∧ Project
  📁 assets
  📁 src
    📁 api
      📄 cursos.js
    📁 components
      📄 CursosForm.js
      📄 CursosItem.js
      📄 SearchBar.js
    📁 config
      📄 firebaseConfig.js
    📁 screens
      📄 AddEditCourseScreen.js
      📄 CourseDetailsScreen.js
      📄 HomeScreen.js
  📄 App.js
  📄 app.json
  📄 babel.config.js
  📄 package-lock.json
  📄 package.json
  📄 README.md
  📄 Untitled file.js

```javascript
1   import React, { useState, useEffect } from 'react';
2   import { View, StyleSheet, FlatList } from 'react-native';
3   import CursoItem from '../components/CursosItem';
4   import SearchBar from '../components/SearchBar';
5   import { obtenerCursos } from '../api/cursos';
6
7   const HomeScreen = ({ navigation }) => {
8     const [cursos, setCursos] = useState([]);
9     const [filtro, setFiltro] = useState('');
10
11    useEffect(() => {
12      const cargarCursos = async () => {
13        const datosCursos = await obtenerCursos();
14        setCursos(datosCursos);
15      };
16
17      cargarCursos();
18    }, []);
19
20    const cursosFiltrados = cursos.filter(curso =>
21      curso.nombre.toLowerCase().includes(filtro.toLowerCase())
22    );
23
24    return (
25      <View style={styles.container}>
26        <SearchBar onSearch={setFiltro} />
27        <FlatList
28          data={cursosFiltrados}
29          keyExtractor={(item) => item.id.toString()}
30          renderItem={({ item }) => (
31            <CursoItem
32              curso={item}
33              onPress={() => navigation.navigate('CourseDetails', { cursoId: item.id })}
34            />
35          )}
36        />
37      </View>
38    );
39  };
```

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```
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   ▣ Untitled file.js
```

```javascript
1   import React, { useState, useEffect } from 'react';
2   import { View, Text, StyleSheet, Image, Button, ScrollView } from 'react-native';
3   import { obtenerCursoPorId, eliminarCurso } from '../api/cursos';
4
5   const CourseDetailsScreen = ({ route, navigation }) => {
6     const [curso, setCurso] = useState(null);
7
8     useEffect(() => {
9       const cargarCurso = async () => {
10        const datosCurso = await obtenerCursoPorId(route.params.cursoId);
11        setCurso(datosCurso);
12      };
13
14      cargarCurso();
15    }, [route.params.cursoId]);
16
17    const manejarEliminar = async () => {
18      await eliminarCurso(curso.id);
19      navigation.goBack();
20    };
21
22    if (!curso) {
23      return <Text>Cargando...</Text>;
24    }
25
26    return (
27      <ScrollView style={styles.container}>
28        <Image source={{ uri: curso.imagen }} style={styles.imagen} />
29        <View style={styles.infoContainer}>
30          <Text style={styles.nombre}>{curso.nombre}</Text>
31          <Text style={styles.descripcion}>{curso.descripcion}</Text>
32          <Text style={styles.precio}>{`Precio: ${curso.precio}`}</Text>
33          {/* Añade aquí más detalles según sea necesario */}
34          <View style={styles.botonContainer}>
35            <Button title="Editar" onPress={() => navigation.navigate('AddEditCourse', { cursoId: curso.id })} />
36            <Button title="Eliminar" onPress={manejarEliminar} color="#ff5252" />
37          </View>
38        </View>
39      </ScrollView>
40    );
41  };
42
```
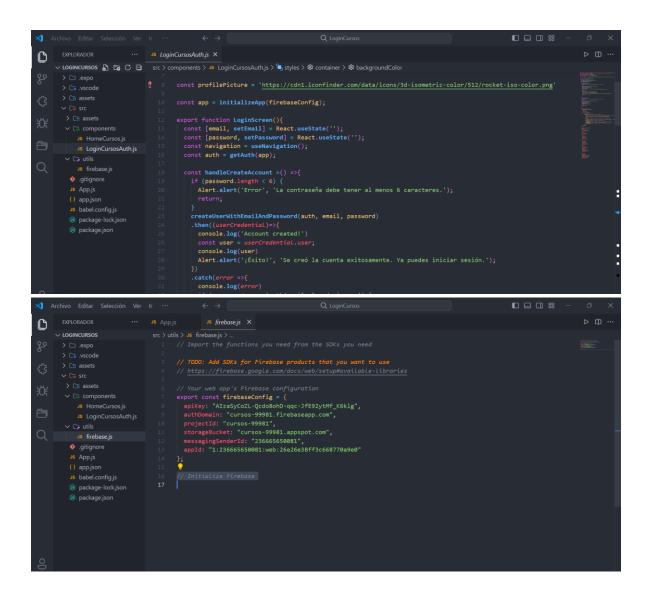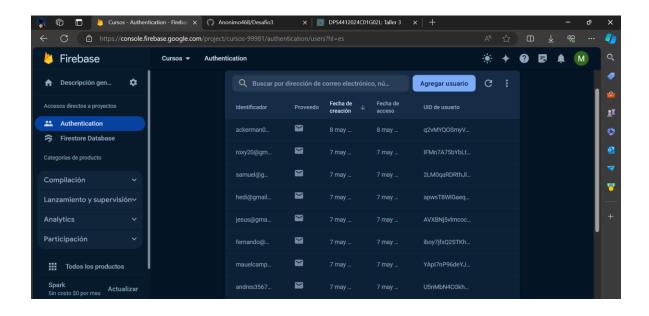
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```

```javascript
1   import React, { useState, useEffect } from 'react';
2   import { View, StyleSheet, ScrollView } from 'react-native';
3   import CursoForm from '../components/CursosForm';
4   import { obtenerCursoPorId, agregarCurso, actualizarCurso } from '../api/cursos';
5
6   const AddEditCourseScreen = ({ route, navigation }) => {
7     const [curso, setCurso] = useState(null);
8
9     useEffect(() => {
10      if (route.params?.cursoId) {
11        const cargarCurso = async () => {
12          const datosCurso = await obtenerCursoPorId(route.params.cursoId);
13          setCurso(datosCurso);
14        };
15
16        cargarCurso();
17      }
18    }, [route.params?.cursoId]);
19
20    const manejarEnvio = async (datosCurso) => {
21      if (curso) {
22        await actualizarCurso(curso.id, datosCurso);
23      } else {
24        await agregarCurso(datosCurso);
25      }
26      navigation.goBack();
27    };
28
29    return (
30      <ScrollView style={styles.container}>
31        <CursoForm onSubmit={manejarEnvio} cursoInicial={curso} />
32      </ScrollView>
33    );
34  };
35
36  const styles = StyleSheet.create({
37    container: {
38      flex: 1,
39      backgroundColor: '#fff',
40    },
41  });
```

EXPLORADOR   ···   JS LoginCursosAuth.js ×

LOGINCURSOS
> .expo
> .vscode
> assets
src
  > assets
  > components
      HomeCursos.js
      LoginCursosAuth.js
  > utils
      firebase.js
  .gitignore
  App.js
  {} app.json
  babel.config.js
  package-lock.json
  package.json

src > components > LoginCursosAuth.js > styles > container > backgroundColor

```js
const profilePicture = 'https://cdn1.iconfinder.com/data/icons/3d-isometric-color/512/rocket-iso-color.png'

const app = initializeApp(firebaseConfig);

export function LoginScreen(){
  const [email, setEmail] = React.useState('');
  const [password, setPassword] = React.useState('');
  const navigation = useNavigation();
  const auth = getAuth(app);

  const handleCreateAccount =() =>{
    if (password.length < 6) {
      Alert.alert('Error', 'La contraseña debe tener al menos 6 caracteres.');
      return;
    }
    createUserWithEmailAndPassword(auth, email, password)
    .then((userCredential)=>{
      console.log('Account created!')
      const user = userCredential.user;
      console.log(user)
      Alert.alert('¡Éxito!', 'Se creó la cuenta exitosamente. Ya puedes iniciar sesión.');
    })
    .catch(error =>{
      console.log(error)
```

EXPLORADOR   ···   JS App.js   JS firebase.js ×

LOGINCURSOS
> .expo
> .vscode
> assets
src
  > assets
  > components
      HomeCursos.js
      LoginCursosAuth.js
  > utils
      firebase.js
  .gitignore
  App.js
  {} app.json
  babel.config.js
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  package.json

src > utils > JS firebase.js > ...

```js
// Import the functions you need from the SDKs you need

// TODO: Add SDKs for Firebase products that you want to use
// https://firebase.google.com/docs/web/setup#available-libraries

// Your web app's Firebase configuration
export const firebaseConfig = {
  apiKey: "AIzaSyCoZL-Qcdo8ohD-qqc-JfE92ytMf_K6klg",
  authDomain: "cursos-99981.firebaseapp.com",
  projectId: "cursos-99981",
  storageBucket: "cursos-99981.appspot.com",
  messagingSenderId: "236665650081",
  appId: "1:236665650081:web:26e26e38ff3c668770a9e0"
};

// Initialize Firebase

```

Firebase aquí están todos los usuarios que se han registrado

Resultados