

**birmilyonshop APP**

**DOCUMENTATION**

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# **1. INTRODUCTION**

## **1.1 GENERAL DESCRIPTION**

With the BirMilyonShop application, users can purchase products within the application and add products to their favorites within the system.

## **1.2 PURPOSE**

**To provide users with an easy online shopping process.**

## **1.3 USED TECHNOLOGIES**

• Written in **JavaScript** language.

• **React Native** framework is used.

• **Expo CLI** is used.

**• Redux** is used for state management.

• **Google Firebase** was used in the Backend and Authentication sections.

• **Axios** was used to access API Endpoints.

• For product information services: **Fake Store API** is used.

• **Lottie Files** was used for in-app animations.

# **2. APP FOLDER STRUCTURE**

## **2.1 TO START THE APP**

You will need an IDE running JavaScript for the application files to run (Visual Studio Code is recommended). After that, the NPM (Node Package Manager) files need to be downloaded and run. For this, after opening the files of the project from Visual Studio Code, it is sufficient to open a Node JS terminal in the main directory of the files and then type npm install.

C:\YourDirectory\birmilyonshop>npm install

From here it is quite simple to run the application.

For the application to run, it will be enough to type **npm start** in the terminal.

C:\YourDirectory\birmilyonshop>npm start

After downloading the Expo GO application to your phone, you can use your application in real time on your physical mobile device. Here, the application can be started to be used on the phone, thanks to the QR Code scanning feature, which is one of the features provided by EXPO CLI.

## **2.2 PACKAGE DEPENDENCIES USED IN THE APP**

    "@react-navigation/bottom-tabs": "^6.4.1",

    "@react-navigation/native": "^6.0.13",

    "@react-navigation/native-stack": "^6.9.1",

    "@react-navigation/stack": "^6.3.4",

    "@reduxjs/toolkit": "^1.9.0",

    "axios": "^1.1.3",

    "expo": "~47.0.3",

    "expo-status-bar": "~1.4.2",

    "firebase": "^8.10.1",

    "lottie-react-native": "^5.1.4",

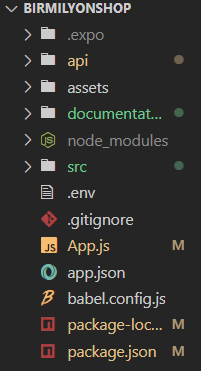
    "react": "18.1.0",

    "react-native": "0.70.5",

    "react-native-config": "^1.4.11",

    "react-redux": "^8.0.5"

## **2.3 FOLDER STRUCTURE OF THE APP**



### **Note: .env fıle**

The reason for creating this file is to keep API links and keys in a separate file and use them in other files when necessary. In order to use this file, we made the .env settings in the file named babel.config.js.

# **3. IN APP SCREENSHOTS**

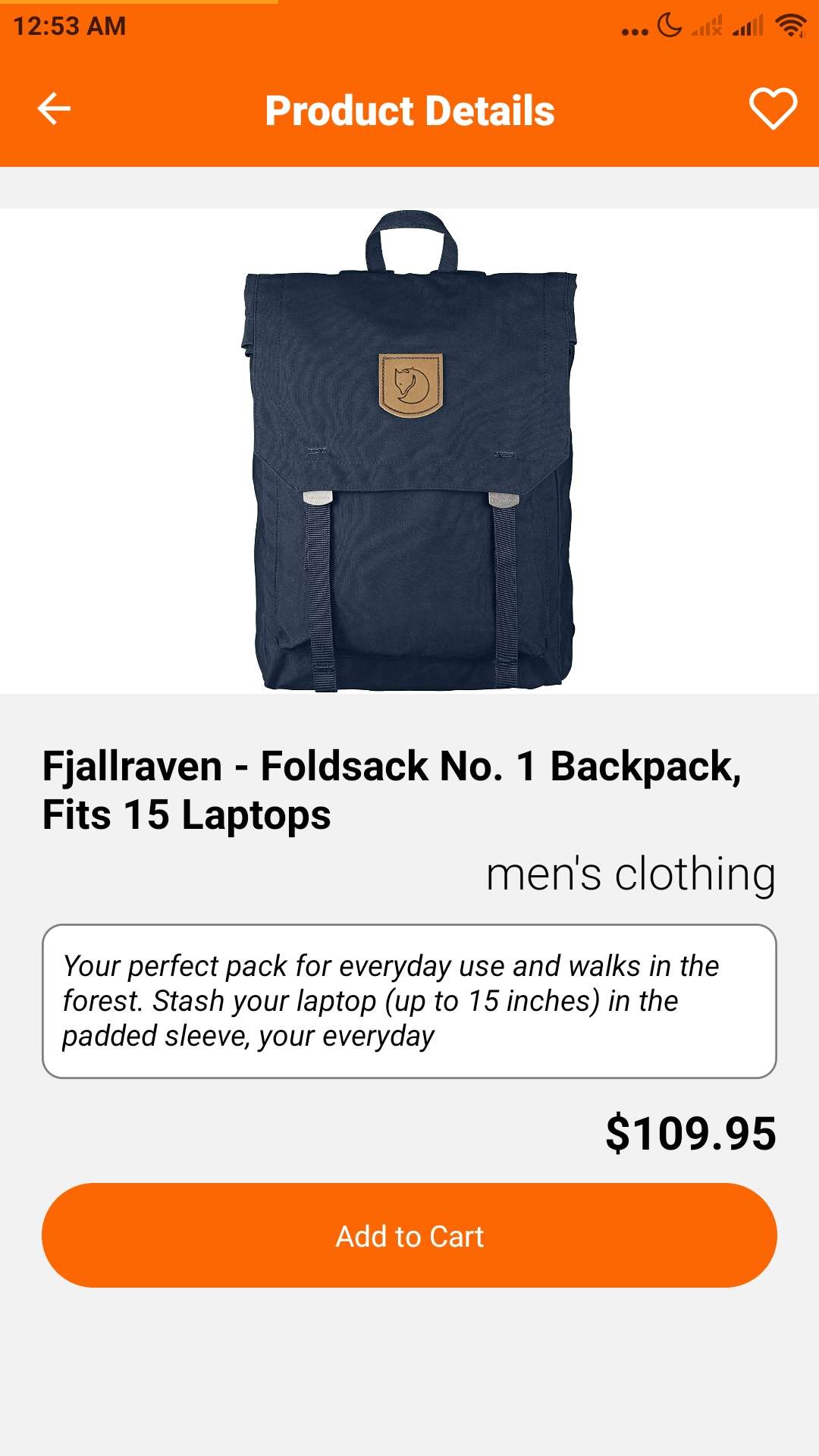
## **MAIN PAGE**

metin içeren bir resim

Açıklama otomatik olarak oluşturuldu

The customers can choose to buy various kinds of items from various categories or add them to their favorites, they can also access to search and cart screens from the **Main screen**.

## **DETAILS SCREEN**



The customers can add the item they chose to their cart and see further information about the items in the **Details screen**.

## **FAVORITES SCREEN**

metin içeren bir resim

Açıklama otomatik olarak oluşturuldu

The customers can add items to their favorites to check them later.

## **CART SCREEN**

metin içeren bir resim

Açıklama otomatik olarak oluşturuldu

The customers can see the total amount, piece and information of the items they added to the cart in the **Cart screen**.

## **SIGN IN SCREEN**

metin içeren bir resim

Açıklama otomatik olarak oluşturuldu

Customers can Login or push a button to access to a new screen that lets them to create a new account from the **Sign in screen**.

## **SIGN UP SCREEN**

metin içeren bir resim

Açıklama otomatik olarak oluşturuldu

Customers can Create an accout or push a button to access to a new screen that lets them to Login to the app from the **Sign up Screen**.