

# Sectoral Analysis Report

## 1. Field Selection

In this study, the field of Mobile Application Development has been selected. Mobile applications are widely used today in areas such as education, commerce, and entertainment, and they play an important role in the software industry.

## 2. Technology Analysis

Kotlin: A modern, secure, and efficient programming language used for Android application development.

Firebase: A platform that provides backend services such as databases, authentication, and push notifications for mobile applications.

Retrofit: A library that simplifies REST API communication and data exchange in mobile applications.

## 3. Company Analysis

Google: Selected because it is the developer of the Android operating system and a leader in mobile technologies.

Trendyol: Chosen due to its development of large-scale mobile applications and strong technological investments in Turkey.