

## **Background**

In today's world, mobile devices have grown commonplace; by 2023, there will be over 6.6 billion smartphones in use globally. As a result, there has been a significant increase in the creation of mobile applications for many different uses, including expenditure management. Conventional techniques for managing expenses, such as maintaining paper records or utilizing spreadsheets, can be laborious and prone to mistakes. Tracking and managing spending is made easier and more effective with the help of mobile expense management apps.

## **Existing mobile expense management applications**

Numerous mobile cost management apps exist on the market, and each has advantages and disadvantages of its own. Popular choices include PocketGuard, Mint, and Expensify. Typically, these programs let users make budgets, manage their spending by category, and produce reports. Some also have other capabilities including the ability to scan receipts and integrate with bank accounts.

## **Need for a new mobile expense management application**

Despite the availability of existing mobile expense management applications, there is still a need for a new application that is tailored to the specific needs of Filipinos. Filipinos are a budget-conscious people who are always looking for ways to save money. A mobile expense management application that can help Filipinos track their spending and save money would be a valuable tool.

## **Research objective**

The objective of this research is to develop a mobile expense management application that is specifically designed for Filipinos. The application will be designed to be easy to use and affordable, and it will offer a variety of features that will help Filipinos track their spending and save money.

## **Literature review**

A literature review was conducted to identify relevant research on mobile expense management applications. The review found that there is a growing body of research on this topic, with a focus on the development and evaluation of mobile expense management applications. The review also found that there is a need for more research on the specific needs of Filipinos in terms of mobile expense management.

## **Methodology**

The research will use a mixed-methods approach, combining quantitative and qualitative data collection methods. The quantitative data will be collected through a survey of Filipino smartphone users. The qualitative data will be collected through interviews with Filipino smartphone users.

## **Expected outcomes**

The research is expected to provide insights into the specific needs of Filipinos in terms of mobile expense management. The research will also lead to the development of a mobile expense management application that is specifically designed for Filipinos.