

# tawakkalna services

October 9, 2024

## **1 Introduction**

idea about the program: A special application for citizens and residents, as it provides them with several services from many aspects. The first reason for preparing a highly efficient program like Tawakkalna was to limit the spread of the Corona virus, and it also includes permits for transportation, Umrah, etc

## **2 Requirements**

- 1-The application user first determines whether he is a citizen or resident
- 2-Writing the ID number is necessary to complete the login process
- 3-Set a strong password so that the system can protect the use

## **3 The main tasks of the Tawakkalna application**

- 1-The user can easily find his educational and personal cards in the Tawakkalna application.
- 2-The application reviews all the services available to the user, the most important of which are such as educational, public professional, health, religious, and many Others services.
- 3-Remind the user about the expiration of the national ID to renew it.
- 4-Display publications of bodies and ministries and some news of interest to the user

## 4 What does the Tawakkaln service application offer?

### 4.1 Features of the Tawakkalna service application

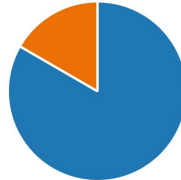
an application that benefits the user in all aspects of his life, whether it is health, educational, or religious. There are many features, such as knowing the direction of the Qibla and how to report a bad scene ,It can simply be reported via the Tawakkalna application easily, and this helps in making our city beautiful and full of life

## 5 Statistics about the Tawakkalna Services application

1. هل كان إستخدام التطبيق في المرة الأولى سهلاً و واضحاً ام كانت هناك بعض الصعوبات اللتي يجب مراعاتها؟ (0 نقطة)

[مزيد من التفاصيل](#)

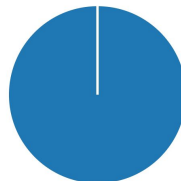
● كانت التجربة الأولى للتطبيق سهلة ... 5  
● كانت هناك بعض الصعوبات نظراً إلى ... 1



2. السؤال بالرجوع الى فترة عام 2020 هل كانت هناك فائدة للتطبيق لنا؟ (0 نقطة)

[مزيد من التفاصيل](#)

● نعم 6  
● لا 0



3. بنظرك ما هو أكثر ما يميز تطبيق توكالنا؟ (0 نقطة)

مزيد من التفاصيل

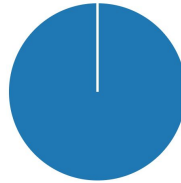
- في فترة جائحة كورونا كان التطبيق ... 3
- التذكير بإنهاء الهوية الوطنية لتجديد ... 0
- إستعراض جميع البطاقات التعليمية... 2
- بواسطته بإمكاننا حجز المواعيد دون... 1



4. بنظرك هل لا يزال تطبيق توكالنا ذو فائدة (0 نقطة) لك؟

مزيد من التفاصيل

- نعم لا يزال 6
- لا 0



## 6 Tawakkalna services application, Tawakkalna emergency application

these two applications are very similar to each other, as Tawakkalna Services presents the user with his cards and reminds the user of the expiration of his national identity to renew it and also displays some publications that the user may need and benefit from. As for Tawakkalna Emergency for managing emergency situations and community protection, which played

## 7 Among the features of the Tawakkalna

an application that helps citizens know their health condition and book appointments on a regular basis without having to go and book them directly from the hospital

## **8 Disadvantages of Tawakkalna Emergency**

Its purpose is to reserve vaccines and indicate infection or non-infection during the Corona virus. But fortunately, with the development of technology, it was developed by the Saudi Data and Artificial Intelligence Authority (SDAIA), to include many features.

## **9 Structures of the Tawakkalna Services application system**

### **9.1 Introduction**

### **9.2 One of the functional components of the Tawakkalna application**

1- The user interface, which is the first thing that appears to the user when he opens the application for the first time or after logging in, and often in the Tawakkalna Services application, it is possible that React Native technology has been used, which is a technology dedicated to developing front-end interfaces.

## 10 System Architecture

The user interface, which is the first thing that appears to the user when he opens the application for the first time or after logging in. Often in the Tawakkalna Services application, it is possible that React Native technology has been used, which is a technology dedicated to developing front-end interfaces , The user interface also contains several fields. For example, there is a field in which the user name is written, another field in which the national ID number is written, and a field to determine whether the user is a citizen or resident.

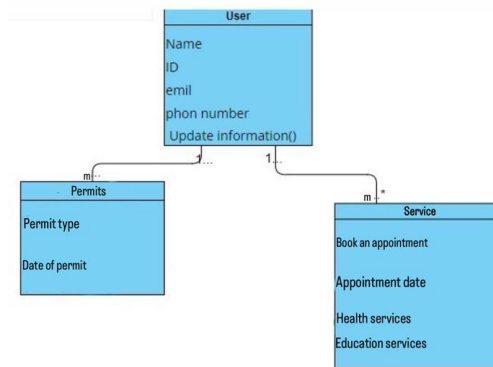
And There are many operating systems that the Tawakkalna application supports, such as services:

- 1- iOS system
- 2-Android system
- 3-Windows system

## 11 DataBase

Since it is an application, it is natural for it to have a database, as providing a database in the application leads to improving the performance of the application, as the database for the Tawakkalna Services application stores everything related to the user and the information that the application needs from the user, which leads to improving the use of the application.to the user. It is easier to determine what the user himself prefers

## 12 Data Model



This is a small model of some of the services offered by the Tawakkalna Services application, where the class diagram model is considered the most appropriate in terms of showing the interaction between the user and the application itself and the services that exist in it

## 13 Server

The Tawakkalna application is a government application, and other than that it is a government application, it is an application, and every application needs servers. There are also servers for websites, such as the servers that may be available in Tawakkalna, Java EE server services, as such servers benefit applications and others by processing and improving the user's requests

## **14 Technical specifications**

Technical specifications are several things that help improve the user experience of the application, and among these technologies that are expected to have been used in the Tawakkalna Services application is the Flutter technology, which is used for the application's front interfaces and helps in creating beautiful interfaces for applications

## **15 Protection and safety**

The Tawakkalna application is one of the government applications that must be connected to other government agencies, and the communication between them must also be extremely secure to protect the user's privacy. For protection, the application needs to encrypt the data, as encrypting it helps it reach the relevant government agencies securely, and access to it is only by authorized persons

## **16 Conclusion**

In conclusion, the Tawakkalna application is a successful step among several steps, as it has opened a wide scope in terms of digital transformation in the Kingdom of Saudi Arabia, and certainly in the future we will witness much greater developments in the Tawakkalna application and other applications, as the Tawakkalna application has countless services and there is the possibility of expansion as well. With the application to make it more improved, more efficient and faster.

### **16.1 github account**

<https://github.com/renadalamri/renadalamri>