



Umm-Al Qura University

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" Software Documentation and Technical Writing "

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## PROJECT About FaceTime Application

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## SECTION 1

## 1.1 INTRODUCTION:

FaceTime is an application that is primarily used on iOS, iPadOS, and macOS devices. It presents a proprietary video and audio calling service developed by Apple. It facilitates users' visual and auditory communication. On the other hand, if an Android or Windows user has the most recent version of Microsoft Edge or Google Chrome, they can join an Apple user's FaceTime call

## 1.2 Functional requirements:

### 1.2.1 User requirement:

The application allows the user to communicate with any user from other countries via voice or video calls easily and without the need to hinder.

### 1.2.2 System requirements:

To use FaceTime effectively, the following features and requirements are required:

1. **Internet connection:** A stable Wi-Fi or cellular data connection is required.
2. **Device compatibility:** The device must meet the minimum system requirements for FaceTime, as mentioned earlier.
3. **Contacts:** To initiate calls, you need contacts with FaceTime-compatible devices or phone numbers/email addresses associated with FaceTime.

## 1.3 Non-functional requirements:

1. **Performance:** The response time should be when the call is received and started promptly, although it should take no more than a few seconds to receive a response. The communication should also be flawless, with clear audio and high-quality video being used.

2. **Language compatibility:** FaceTime needs to be multilingual, allowing users to utilize it across countries through interfaces tailored to each individual language.

## SECTION 2

## 2.1 INTRODUCTION:

Determine the application's purpose, the problem it solves, and also what needs it addresses, and present a survey about the application. To see the users interest. Then we identify similar programs and compare them.

## 2.2 Questions about the application:

### 1. Purpose of The application:

Making phone calls Facilitating visual and audio communication

### 2. Problems it solves:

It can make external calls directly.

### 3. Needs it addresses:

FaceTime is a useful tool for handling the intricate processes that a person must perform in order to communicate with others who are far away from him.

## 2.3 Survey:

Here we present a survey about the FaceTime application

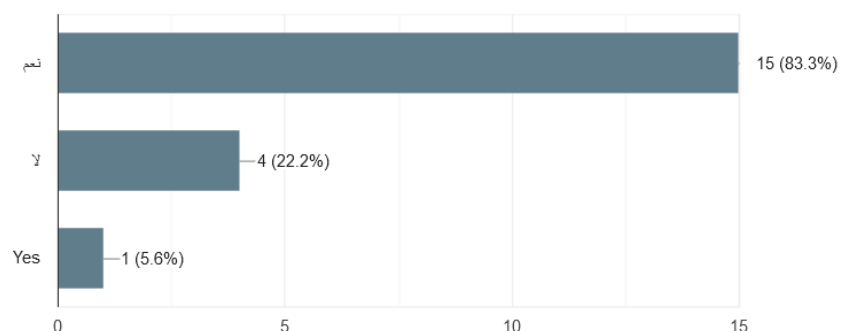
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And the Answers

(<https://forms.gle/t9C1Q6rAYJUmd4LE9>)

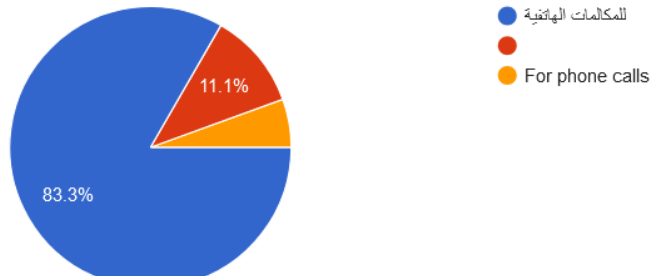
هل سبق واستخدمت برنامج FaceTime ؟

18 ردًا



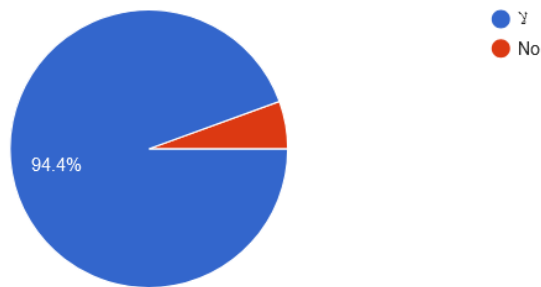
ماهي السبب الذي جعلك تستخدم التطبيق ؟

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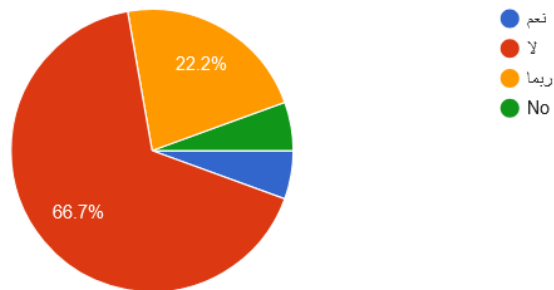
هل لديك اي مقترحات للتعديل على التطبيق ؟

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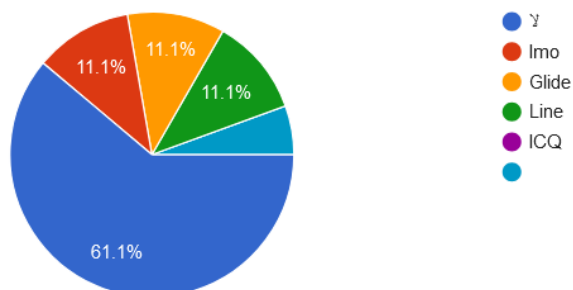
هل وجدت صعوبة في التعامل مع التطبيق ؟

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هل استخدمت تطبيق مشابه ل FaceTime ؟ و ما هو ؟

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## 2.4 similar programs and compare:

similar programs: IMO

### Comparison between FaceTime and imo:

	FaceTime	imo
Communication	Visual and audio communications	Chats and video and audio communications
Support	FaceTime software has support from iOS as it is produced by the same company	It works on both iOS and Android, so it is more widespread than its counterpart
Protection	This is the protection application, so calls can be fully encrypted between the devices of the invited participants safely without the intervention of any party to spy	Its security is somewhat weak. Conversations are often unencrypted, so encryption is considered a disadvantage of application.
Dealing with the application	In order to use the imo program, the user must create his own account to communicate with other contacts, and the other contact is also required to have an account on the same imo application, and this means more complex procedures.	All users must be using the iOS system, and it is not necessary to create a new account, but rather use the contacts on the device based on the iOS system, so they can communicate directly.