



Interview Notes Approved by: <i>Ahmed Mahmoud</i>	
Person Interviewed	Ahmed Mahmoud
his job	A human doctor at Al-Qusiya Center
Interviewer	<i>Mohamed Ali Regep Ali</i> , Student at faculty of computers and information
Date and place of the interview	28/3/2022 ,Al-Qusiya Center hospital

### Purpose of Interview:

- That How much does a doctors need a user of the application and can it help him.
- Initially calculating the success rate of the program in the planning stage.
- Is it possible for him to have continued success in the future.

### Summary of Interview:

The interview was conducted with the doctor in order to prove the validity of his words to the positive and negative aspects of the face-to-face interview and a questionnaire was made to the doctor at the end of the interview The application's strengths and weaknesses were explained in interview .

#### • Strengths were explained in Interview:

It's a powerful un repetitive idea that will change the world

The success rate of the application when you are informed of his divorce and is used by doctors will be 88%

The application is free on all stores and is not paid, and the application is automatically updated every two months until the benefit is given better, and this is the doctor's suggestion

#### • Weaknesses were explained in Interview:

The application worked on one Android platform only and not on all platform such as Windows, IOS  
Disability to use the application for the elderly.

If the patient is young or blind and does not see, the application will not benefit him.

### interview questions:

- What do you think about launching application to track the patient's condition after being detected by phone, and she does not have to come to the clinic or hospital?
- Why do you need this software when you own it?
- What improvements do you need for yourself when using the application?
- What are the downsides that you can have in a application like this?
- How do you see the success of the application in the future?
- Is it possible that there is a problem in dealing with **it** ? **Give me details**
- Is it better to deal with it on an Android device or a Windows computer **Give me example?**
- Would you like to add something noteworthy before launching application?



- **What do you think about launching a application to track the patient's condition after being detected by phone, and she does not have to come to the clinic or hospital ?**

**think it's a double-edged sword that has positive and negative opposite directions**

- **Positive trend**

**The idea is good since the doctor will be available for me after the traceable examination Without the patient needing to come again he will not be able to come back, he will be far from me and to be tracked by an online application**

**.I don't have to come patient with a nurse following him or me personally for everything. If it is a disease for example chronic or a natural disease, I see it. I told her the idea is good. There is no redundancy and time and effort for me as the patient and everyone who works in the field of medicine, people use phones and software almost all people in general, three or four people smart phones, we move to technology and we are now going to the method, the online path.**

- **Negative trend**

**It is also the idea that it is new, for example, the elderly, some people do not have the knowledge of dealing with smart phones or the programs inside the phones, and the elderly do not have children or owners to help deal with the application and people with special**



**needs, the disabled and blindness because this is the idea that will not be easy to implement because it You will face penalties.**

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**➤ Why do you need this application when you own it ?**

**As I mentioned in my opinion, it will save her time and effort in writing and diagnosing, as he is a doctor and all work in the field of medicine will save us paper and writing. Everything will be displayed on the phone screen through the application, an assistant from the required medications, diagnosis, treatment time, and drug information that was written for the patient.**

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**➤ What improvements do you need for yourself when using the application?**

**- Improvements so that the time to take the specified treatment from me personally or from the nurse before his illness, and that there are always updates and that the level is easy for the application interface to be easy and the application icon is also expressive so that dealing with it is easy to attract the patient and to deal with the patient in the matter is very easy .**

**- It provides information about medications so that the patient can be sure that it is the right medication even after they have been diagnosed. I am the doctor. It provides us with diagnostic papers and that they are on the screen automatically for ease of organization and reminding of the time of medicines and that they are part of it**

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**Offline, part of it on the Internet so that this information is in order to reassure the patient in dealing with him and that there are places in the neighboring pharmacies so that the patient can buy the drug after diagnosing it via Online through the application**

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**➤ What are the downsides that you can have in a application like this?**

**- The downsides that can be found in an application is that it works on one Android platform only, and not on all platforms.**

**It is also possible that the programming language in which the application works is weak and not strong enough.**

**And the confidentiality of the application or the application interface is insufficient, it may be The interface of the application is difficult and complex and the application does not contain updates or places pharmacies or the right doctor to diagnose or choose the patient for the right doctor, or the application is not useful enough as the programmers explained**

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**➤ How do you see the success of the application in the future?**

**- In the future, the application will be successful, but it depends on the positives and on the absence of negatives, and it must be addressed before its launch so that it is always continuous and succeeds**



in the future by Arab and foreign countries, and that it provides everything for the patient and the doctor for all the needs, and the success rate after treatment is among the negatives if there are negatives with the doctors, It will be 88% and it will be 12% on the doctors who prefer The traditional method in the detection dimension is in the follow-up face to face with the patient and writing everything related to the follow-up to the patient

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➤ **Is it possible that there is a problem in dealing with it ?** Give me more details

- Yes, it is possible, as it is a new system in the field of medicine and in the world of medicine in general and has not been implemented before or attempt to implement this process from a medical point of view, but from a software point of view it will face some problems as not all people use the Android system only, but there are other systems such as IOS for Linux and Windows for computers, and there is also that the patient faces the problem of the elderly patient or ignorance who does not read or write and the application will not benefit from anything, and also for people with special needs such as the blind or the very young, the first mentally handicapped

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➤ **Is it better to deal with it on an Android device or a Windows computer?** Give me example



**Both systems will be great, but it is preferable to have Android smartphones, as it is not necessary to deal with smartphones because they are faster and better, and this means that Windows computer system has no use but it is also useful but preferably on devices A laptop of its class because it is the fastest, the best, the most powerful and the most portable, and all doctors use smartphones and computers of the laptop class.**

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**➤ Would you like to add something noteworthy before launching application?**

**Yes, I want to add some important things that make all applications, as I saw my friends in the field of application programming, the availability of the application before its launch, which is to try more than once with users in the field, and this application programming language is more powerful and confidential, and I hope that it will be in the Android system and the iOS system To be strong, last and become global. Thank you and I hope I helped you enough**



Doctor's questionnaire answers		agree	I do not agree
1	.Do you agree with the idea of making an application to track the patient remotely?	<input checked="" type="checkbox"/>	
2	.Is the idea difficult to implement at the moment?		<input checked="" type="checkbox"/>
3	Will it be useful in the near future from your point of view?	<input checked="" type="checkbox"/>	
4	Do you recommend it for all age groups?	<input checked="" type="checkbox"/>	
5	Can it benefit all people of all classes without difference?		<input checked="" type="checkbox"/>
6	.The application is on all platforms restricted to a paid premium to increase security		<input checked="" type="checkbox"/>

patient's questionnaire answers		agree	I do not agree
1	.Do you agree with the idea of making an application to track the patient remotely?	<input checked="" type="checkbox"/>	
2	.Is the idea difficult to implement at the moment?	<input checked="" type="checkbox"/>	
3	.Will it be useful in the near future from your point of view?	<input checked="" type="checkbox"/>	
4	.Do you recommend it for all age groups?		<input checked="" type="checkbox"/>
5	.Can it benefit all people of all classes without difference?		<input checked="" type="checkbox"/>
6	.The application is on all platforms, free ?	<input checked="" type="checkbox"/>	

Interview Notes Approved by: Asmaa Mohamed	
Person Interviewed	Asmaa Mohamed
his job	nurse in at Al-Qusiya Center
Interviewer	Mohamed Ali ,Student at faculty of computers and information
Date and place of the interview	24/3/2022 ,Al-Qusiya Center hospital

### Purpose of Interview:

- The extent of the program's success with nurses or nurses to deal with more than one patient at the same time from one phone and one through the application
- The success rate of the program in the first way before its launch with nurses
- The rate of nurses' adaptation to the program, by order of the doctor

### Summary of Interview:

The interview was conducted with nurse in order to prove the validity of his words to the positive and negative aspects of the face-to-face interview and questionnaire was made to nurse the at the end of the interview

The program's strengths and weaknesses were explained in interview

#### • Strengths were explained in Interview

- \_ She said a new idea and it will save time and effort
- \_ The success rate of the program deals with nurses 70 %
- \_ The program will be free and on all platforms and easy to use

#### • Weaknesses were explained in Interview

- \_ Not all nurses are able to use smart phone software
- \_ Not all nurses or people in general use Android only, there are those who use ipad or iOS\_If the patient is young or blind and does not see, the program will not benefit him
- \_ If sometimes the patient needs diagnosis and succession face to face and not online, such as chronic diseases, diabetes and pressure, The program will not be useful

### interview questions:

- What do you think of launching a program that tracks the patient's condition remotely online after detection and choosing the right doctor?
- What is the thing that faces the patient in general and the doctor on a daily basis that they can help them with during the program?
- If the program is currently with you, what can you submit to the patient and the doctor from his assistant at the same time?
- Is it possible to have dealings with all age groups? **Explanation more details**
- Is it better to deal with it on an Android device or a Windows computer **Give me example?**



Personal interview about the launch of a patient tracking application

- If a person is old and blind, how can he deal with the program? **Explain?**