Why is the Medicine Delivery App is going to score huge results in this COVID-19 phase?

As soon as lockdown was announced in various countries, people went into a frenzy about the essentials that are required in the day to day life. People were taken over by the fear of limited amounts of medicines at the stores, closing of businesses and that is why they immediately rushed to their nearby stores to gather all the necessary medicines, toilet paper, hand sanitizers. Due to this sudden attack on retail and medicine stores, things got out of hand which made political leaders of various countries to address their particular nation on live television. They had to assure the public that they won't come up short on important supplies and everything is taken care of.

Other supplies can be managed but when it comes to medicines, people don't want to come up short in these tough times. People want to store as much medicine as they could in this quarantine phase. But make sure that everybody gets their share of mediation, health plans were introduced. But if we look at the positive side of things then we have the privilege of medicine delivery apps to help us out in this period of hardships. These medicine delivery apps are helping us stay together despite being at a distance from each other

Importance of Medicine Delivery Apps in COVID-19 phase:

- If you own a Medical Shop:

Since people are not allowed to leave their homes in this quarantine phase, medicine delivery apps have a huge task of delivering medicines door to door. Whenever the stock of medicines is about to finish in a household, a person can contact the medicine delivery app. A person representing the app will arrive to provide all the necessary needs.

Along with services of household delivery, these medicine delivery apps also save a lot of time and energy of the users. In the routine life, the person had to visit the medical store which would have consumed a lot of his time. DDS (Drug delivery systems) are the one which handles the delivery of medicines and make sure that the delivery is done on time. On top of all this, these apps also provide the people with the option of consulting a doctor or medical professional virtually and therefore eliminating the risk of stepping outside. But all these tech solutions can only be beneficial if users are willing to make use of them.

If you have a stock of Medicines:

It is not necessary that all the medicines of the city can only be accessed through the medical dispensary. The importance of medicine ordering apps can be felt here as they provide punctual deliveries of required medicines. There is a possible chance that some of the medicines in your home stock have passed their expiry dates and needs to be replaced. And at times, the drugs present in the house might not have the desired quality or might have got damaged because of the negligence of the house members. Medicine delivery apps to the rescue in all these situations. You get an excellent deal on quality medicines as these apps provide medicines at much lower costs and also offers significant discounts. One can also check the details of a specific medicine prescribed by the medical authorities. Dosage intake a particular medicine can also be determined using the interface of these medicine delivery apps. Another impressive quality of these medicine delivery apps is that they provide their services not only in the urban areas but also to the people who reside in remote and distant areas.

Challenges in front of Telemedicine Industry due to COVID-19

- Coronavirus has spread at a rapid pace which has left medical authorities of all the countries bamboozled as it has created an imbalance between the facilities and abilities of medical establishments. The apt treatment for this disease is yet to be found and that is why telemedical industries are finding it hard to provide a proper consultation.

- Due to the sudden nature of this outbreak, a bridge is created between the facilities and ability to supply medication. Providing supply of medicine to highly populated areas has become even harder and this is creating a lot of problems for the telemedicine industry as large amounts of stock is also required in these areas.
- The in-person arrival of a delivery person can prove to be fatal as this disease is infectious and highly contagious.
- There is a sudden decrease in the availability of medical equipment such as face-covering masks and hand-rubs as these are paramount in the fight against coronavirus. Now, since demand for these equipment has risen, there are high chances that the quality might get reduced.
- In the present scenario, a practitioner or a doctor is only paid if a senior of his is physically present in the facility premises. Patient's home cannot be considered as a facility so the doctor has to treat the patient by visiting the nearby medical institution. But all the travelling in this process can prove to be highly dangerous for the patient.
- Seniors are the one which are most at the risk of falling to the hands of COVID-19 as they have low immunity levels. So taking care of them with high protection and proper sanitation has become the need of the hour.
- Patients may face interruptions in placing order for the medication due to a lot of reasons, for example bad weather conditions and these hiccups may prove to be fatal for a person in urgent need of drugs.

Basic features of Medicine Delivery App:

1. Profile: A person needs to create a profile by uploading his name, delivery location and other necessary details in order to buy medicine online. Connection with EHR systems such as My Health Record is must.

2. Prescription: Patients have the option of sending their medical prescriptions after scanning it with the mobile camera of their phones.

3. Coverage through insurance: There are a lot of insurance companies that cover the medication of some patients and if this is true in your case then you need to link their ==program with your insurance providers.

4. Search process: Search bar is made available to the users using which they can search for a specific doctor, medicine, its price or even delivery accessibility.

5. Payments: All types of payment methods are available for the users which makes the experience for the users very unique. Users can seamlessly perform their transactions using any mode of payment according to their convenience.

6. Notifications: If a person buys some sort of medicine on a regular basis then he has the option of switching on notifications that will remind him of future medicines. So, if the user is running out of his medicines then the system will order new medicines by itself and deduct the amount from the card that was used on previous occasions.

7. Ratings: Customers need to have a platform through which they can rate their experience regarding the delivery services of the app. If any error has occurred in the overall process like delivering the medicine to the wrong house than the customer should be able to report this type of nuisance.

8. Scheduled delivery of medicine: Sometimes, medicine delivery apps provide a three-hour window but in case of immediate medicine delivery apps, day-to-day delivery services are offered to the customers.

9. Automatic medicine refills: Users has an option of monthly refills and when you opt for it then the medicine providers delivers your monthly medicines without any hiccup and you never run out of your monthly dosage.

10. Contact form: The option of reaching the medicine pharmacies to clear out some querries should be provide to the customers. This process can be made a lot easier by providing a contact form.

Features of Delivery Agent Version:

• Navigation: A delivery agent should provide the customers with maps and navigation within the medicine delivery app so that the customers can reach out to pharmacies in case of emergency.

• Notifications: After the pharmacy has confirmed an order from the user, the delivery agent should be immediately notified either via a sms or call. The main purpose of this feature is to maintain a seamless connection between the user and the medicine delivery app.

• Profile: Delivery providers need a secured user profile along with legal and original identities to create a rapport with the medicine delivery app. They can set their working hours and location in which they want to work by mentioning them in their profiles.

Features of Pharmacy Admin Version:

• Pharmacy page: Users should have the luxury of choosing their preferable pharmaceutical provider and admin should make their task easier by providing all the necessary information about the available prescription medicine, its source & terms and conditions of the delivery.

• Chatbot integration: To save humans from extra amount of work, these delivery apps are integrated with AI-powered chatbots that help out users with FAQs and other queries.

• Pharmaceutical CMS integration: This feature plays a very important part in forming a bond between the app admin and users of the app.

• Managing the orders: A licensed pharmacist should be handed over the task of handling all prescriptions and various orders. The app should be able to receive prescription files and orders, accepting and declining requests.

• Behaviour tracking: This feature track the prominent behaviour of particular user in terms of buying the medicine and then whenever that customer opens the app again, it displays that prominent item on the top of his buying list.

• Integration of inventory management: This features is very helpful for the retailers in case they want to manage products on the medicine delivery application.

• Role-based dashboards: This feature proves of great help for the admin in keeping track of a particular category of stuff.

• Flexible mode of payments: This one is a feature of additional convenience for the users. This feature mainly provides benefit to the users as it provides flexibility in the method of payments to the customers.

• Lab Aggregation: Another one of user convenience methods as with the help of this, user can select any location for a test according to his convenience. On top of this, users don't even have to go to the lab again to collect the samples as reports of these samples will be send straight to their homes by the lab experts.

• CMS Integration: CMS integration is a tool that allows the admin to manage the content on the medicine delivery app. He can add and delete data according to his experience and make the app work more efficiently.

• Tools for marketing: These tools are available for both admin and retailers. Both of them can run their personal advertising campaigns in order to lure large numbers of customers towards the medicine delivery app.

Needs and method to create a Medicine Delivery App:

Paramount need to embark on this adventurous journey of creating an attractive medicine delivery app is an expert along with a certified team of experienced professionals in the field of medicine delivery app development. These developers needs to be visionary so that they can get on the same page with your ideas and vision as quickly as they can to convert these ideas into reality.

The designations that are involved in the creation of a Medicine Delivery App

- Project Manager
- Backend App developers
- Android and ios developers
- Graphic Designers
- QA Testers
- UI/UX designers

Project managers and developers might vary according to the requirements of project.

The tech-stack that is needed to develop medicine delivery app:

- For Push Notifications- Twilio, Push.io
- For payments- Braintree, Paypal, Stripe E-wallets

- For SMS, voice and phone verification- Nexmo, Twilio
- For Database- MongoDB, HBase, Cassandra, Postgres, Mailchimp integration
- For real-time analytics- Hadoop, Spark, Apache Flink, Big Data, Cisco, IBM.

Working process of Medicine Delivery App:

The most important solution that a medicine delivery app provides is connecting to the necessary services directly and allowance to track routes. Most of the industries in today's world are looking out for this in a delivery app. Working process of an medicine delivery app is very much similar to uber as user can create a profile, complete an order, pays for it and then tracks the order in real-time.

But the medication services are a little bit more complex than any other delivery services as in this the user first have to provide a prescription. After that the prescription is verified by the medical pharmacist. Rules around electronic prescription and online prescription exchange are governed by nationally regulated system.

Apart from all this, medicine delivery apps are an important part of telehealth apps as patients can find qualified medical professionals and practitioners and can also order their needed medication in one place. So it can be conluded that it is a complicated field of development that craves more attention from healthcare professionals.

Advantages of Developing a Medicine Delivery App:

Customers don't have to move an inch and they will be able to receive their medication at their doorstep, especially in the scenario of medical emergency.

This hour of COVID-19 provides greater opportunities for pharmacies to multifold their benefits.

It has eased the pressure off inventory by timely checks of expiry dates.

Covid-19 has opened the eyes of world to look for large number of alternatives.

Highly advantageous for regular customers as they can refill their orders

Conclusion:

In this situation of COVID-19 where there is larger need of medication and people are not allowed to go out of their households, creating a medicine delivery app would strike gold for you. It also serves a great opportunity for drug delivery companies to preside over the market by creating mobile solutions as people are not allowed a visit to medical shops.