



Application to Facilitate patient and Caregiver communication

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Introduction :

Some people with chronic diseases are not able to take care of their selves or sometimes they do not have people to take care of them as long as they need. Our application will help all the patients who need help with their appointments or daily activities. The patients will be able to request a caregiver from the application with specifying the needed date and time.

Approach:

We tried to design an application that is easy to use for people with chronic diseases, special needs or any other medical condition. The patient will be able to request a caregiver through the application with choosing the day and time that they need the help at. Also, the patient will be able to make a request with a message describing specifics if they would like to.

Method:

We have developed our application using tools such as React-Native tools since it works with both IOS and Android. We also used Expo-Cali libraries, Genymotion emulator and Fire-base for our database.

Challenging Problems:

The problem was that we were introduced to new tools and elements that we have never used before.

We were able to learn about all the methods we had to use by watching tutorial videos and some other online sources. We faced couple of problems as we were designing our application since all the material were new to us but we were able to find most of the problem's solution.

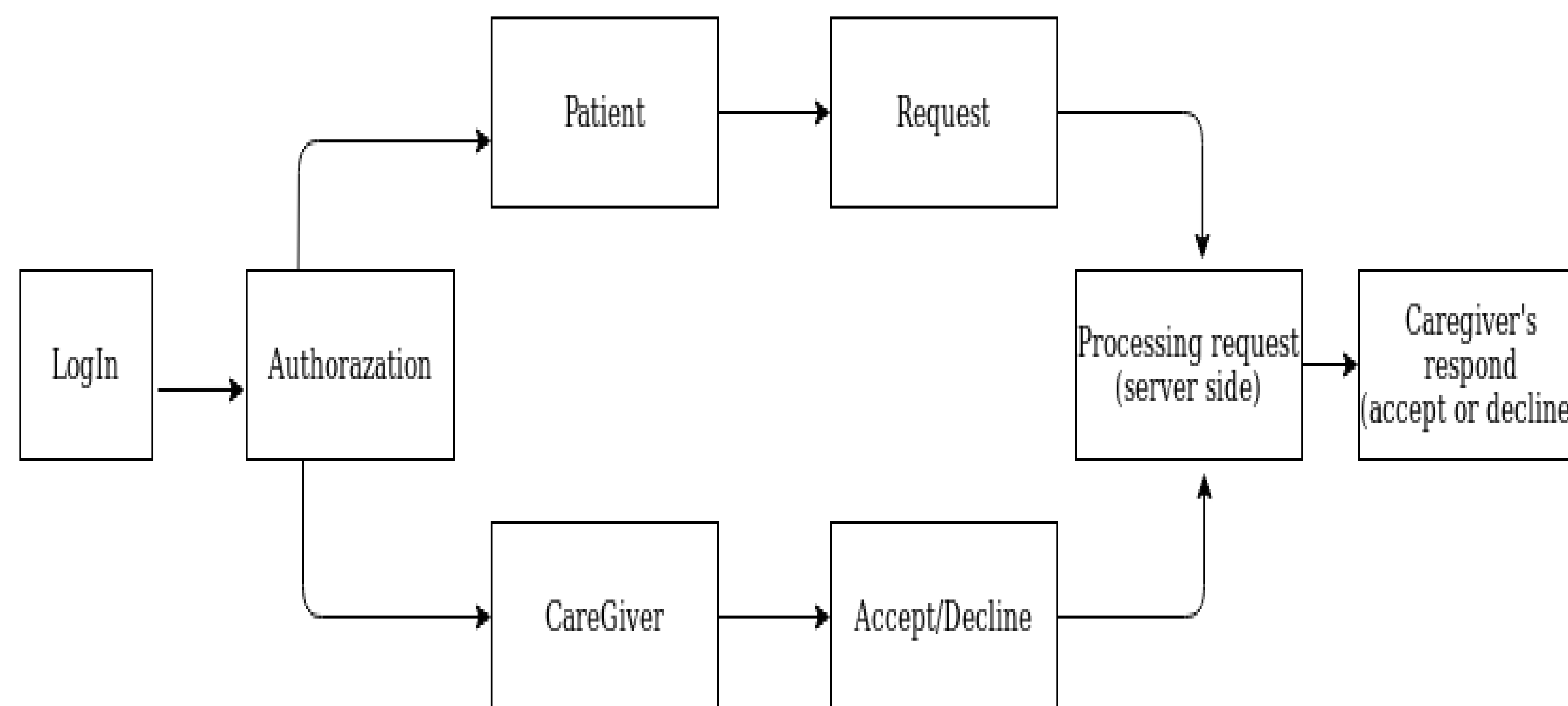
Benefits of the application:

The main idea of this application is to make sure that patients have the help they need.

The application is designed to be less complected in order to help as much people from different ages as possible.

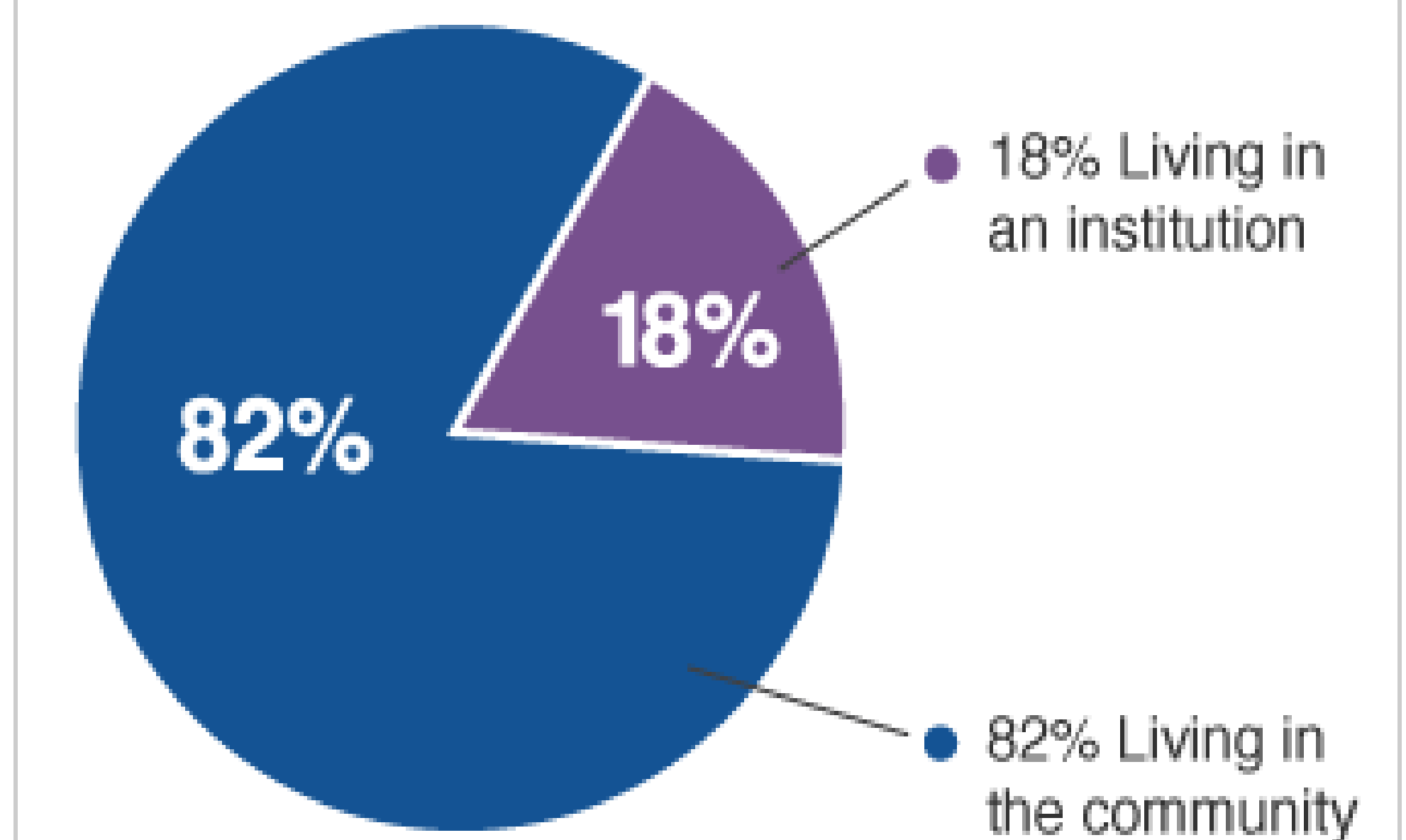
An opportunity to provide people with jobs and financial benefits.

Application's flowchart:



Caregiver resources and long-term care:

Living arrangements for people receiving long-term care.



Conclusion:

This application help people in need to request service from different caregivers. The application will help patients with their appointments and any other medical needs. The application is not complected to use and designed to be used by different ages. We had to learn about all the tools we used implementing the application. Online sources and tutorial videos were a big help. Our application also provide benefits for the caregiver as well. As we can see our flowchart shows how smoothly the application works.