

GROUP – 7 (JAVA TECH TRACK)

Mini Project (GEMS Training Phase - 2)

Team Members -

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SYNOPSIS

1. TITLE

COVID Resource Manager

2. INTRODUCTION

The COVID-19 pandemic swept across the world rapidly infecting more than two million people in India and resulting in the death of almost 1,20,000 at a mortality rate of about 6 percent. Even After the tragic outburst of COVID in First wave, many people found it difficult to get the COVID related resources like Oxygen cylinder, drugs, etc. We found out that many people were putting the availability or the requirement of the particular thing on the different social media platforms. There wasn't any centralized way to complete the request. So, in this project we aim to come up with a system which will help people to post the availability and requirements of the resources so other people can help them.

2.1 PROJECT BENEFITS

1. With help of this application COVID patients or their family members can get the resource easily by just posting the requirement on the application.
2. And other people who are recovered from COVID or who have the availability of the resource can help other people from the posts already there in the application or by putting the availability in the application.
3. People can view the vaccine slot availability.

3. PROBLEM STATEMENT

COVID patients need the drugs, oxygen cylinder, etc. Any delay in this can affect the patients very badly. So, there is need to connect people having the requirement to the people having availability.

4. OBJECTIVES

1. To create interface where people can put the requirement and availability for the resource.
2. To create interface to add Comments on the Posts.

5. INTENDED USER

1. COVID patients or their family members
2. Drug Stores (Medicals)

6. Existing System

There isn't any system which help people to connect for COVID related resources. People use different social media platforms for putting their requirements.

6.1 Limitations

1. The reach of the post is very less.
2. Need to check the availability of resource physically.

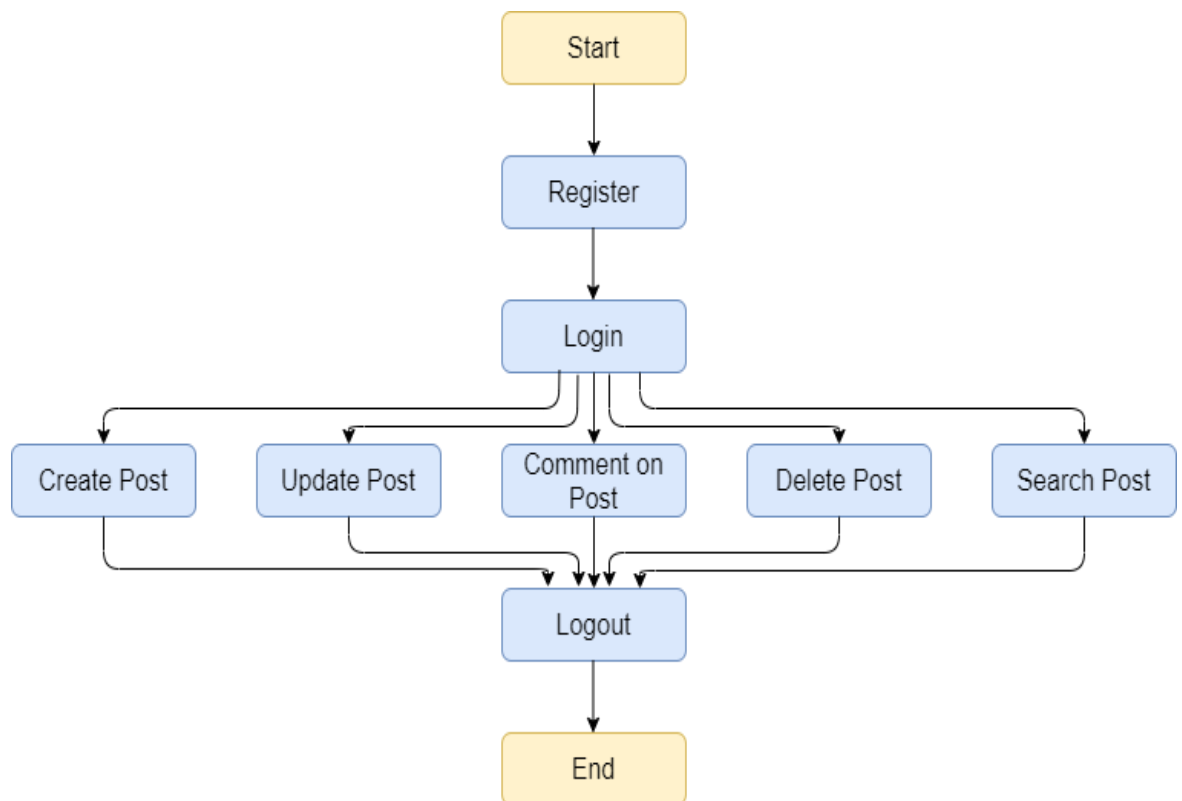
7. PROPOSED SYSTEM

We will be creating a dynamic application which help people to post their requirements and availability of the resources.

7.1 SYSTEM FEATURES

1. User can post requirement or availability of the resource.
2. Authentication and Authorization for the security purpose.
3. User can search for the requirements.
4. User can give comments on the posts.
5. User can receive the notifications when admin deletes his/her post/comment, when another user tag him/her in post or comment.
6. Vaccination slots can be viewed as per the pin code.

7.2 PROCESS FLOW



7.3 HARDWARE REQUIREMENT

Nothing

7.4 SOFTWARE REQUIREMENT

a) Languages

1. Java 1.8+
2. MySQL

b) Tools

1. Spring Tool Suite (STS)
2. SQL server
3. Postman

8. CONCLUSION

This application will help a lot of people to connect each other for COVID related resources. So that there won't be any last-minute rush for the resources, risking patient's life. Also the vaccine slot availability can also be viewed as per the pin code.

8.1 LIMITATIONS

1. Internet is required.
2. Transportation of the resources has to be done by the people.

8.2 FUTURE ENHANCEMENTS

1. Add Hospitals in this system to book the bed online.
2. Transportation facility can be added to make this process smooth and hustle free.
3. More vaccine related functionality can be added.
4. Chatting functionality can also be implemented.