CONTAINMENT ZONE ALERTING APPLICATION

PROBLEM STATEMENT

TEAM DETAILS

TEAM LEADER : MANIKANDAN.P

MEMBERS   : ROJA.M

PARTHIBAN.S

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PROJECT IDEA :

- THIS APPLICATION IS INTENDED TO PROVIDE INFORMATION ABOUT CONTAINMENT ZONES IN A PARTICULAR REGION BY ALERTING PEOPLE , THROUGH CONTINUOUS MONITORING OF AN INDIVIDUAL LOCATION.

- KEY BENEFITS OF THE APPLICATION ARE MONITORING PEOPLE'S ACTIVITY AND ALERTING THEM OF THEIR SAFETY MOVEMENTS.

PROBLEM STATEMENT : DEFINITION

- A PROBLEM STATEMENT IS A CONCISE DESCRIPTION OF THE PROBLEM OR ISSUES A PROJECT SEEKS TO ADDRESS.THE PROBLEM STATEMENT IDENTIFIES THE CURRENT STATE , THE DESIRED FUTURE STATE AND ANY GAPS BETWEEN THE TWO.

- A PROBLEM STATEMENT IS AN IMPORTANT COMMUNICATION TOOL THAT CAN HELP ENSURE EVERYONE WORKING ON A PROJECT KNOWS WHAT THE PROBLEM THEY NEED TO ADDRESS IS AND WHY THE PROJECT IS IMPORTANT.

PROBLEM STATEMENTS :

- ▶ HOW TO DEAL WITH WITH PANDEMIC CHALLENGES ?
- ▶ WHAT ARE THE WAYS TO BE SAFE ?
- ▶ HOW TO AVOID DISEASE SPREAD ?
- ▶ WHAT ARE THE ALTERNATE IDEAS ?
- ▶ IS THE APP IS REALIABLE & HELPFUL ?
- ▶ HOW TO DO SELF – ANALYSE ?
- ▶ WHAT TO DO IN EMERGENCY SITUATIONS ?

PROBLEM STATEMENTS :

- ▶ SAFETY OF PEOPLE'S & CONTROL THE DISEASE SPREAD IS MAIN TASK.

- ▶ HELPING SUFFERED PEOPLE'S IN PANDEMIC SITUATIONS SHOULD PROPERLY DONE.

- ▶ ALL TYPES OF SUPPORTS SHOULD REACHABLE TO PROPLE'S.

- ▶ THE PRIVACY OF USERS SHOULD VALUED.

- ▶ USER DETAILS SHOULD PROTECTED BY HIGHER SECURITY.
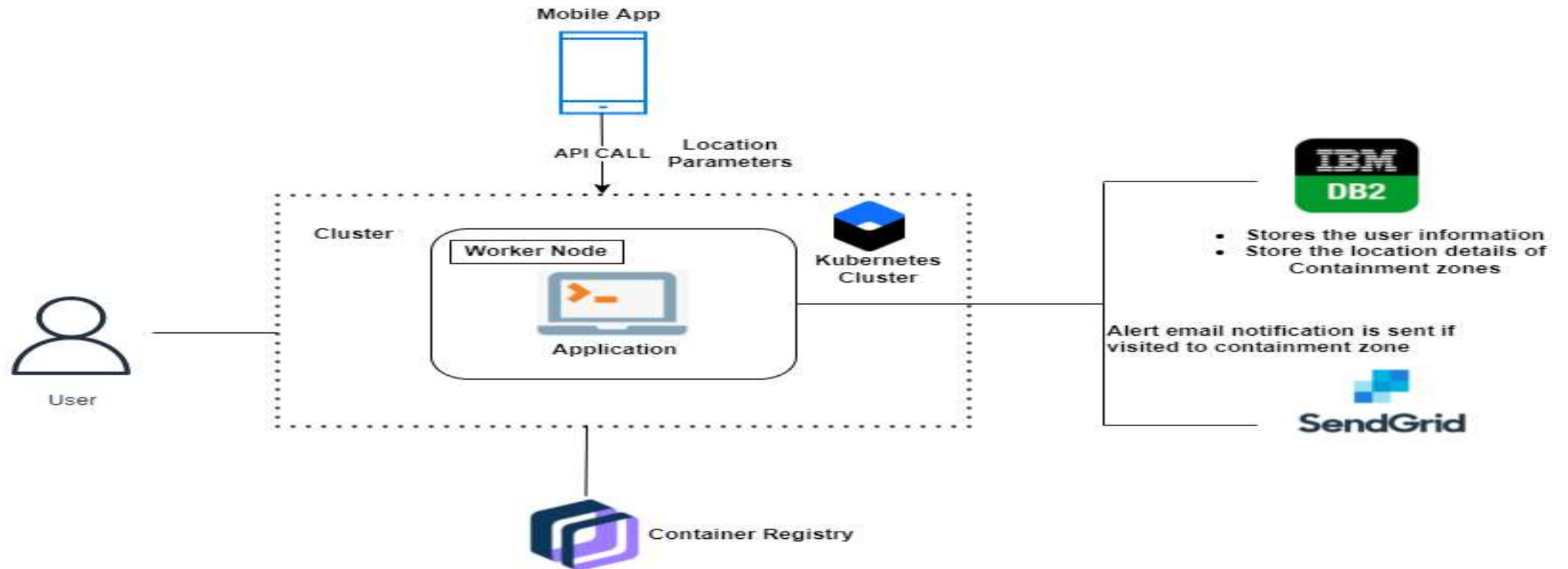
- ▶ DATA'S AND STATICS SHOULD BE TRUTH.

SOLUTIONS :

▶ THE PROJECT AIMS AT BUILDING AN APPLICATION THAT PROVIDES INFORMATION ABOUT THE CONTAINMENT ZONES OF A PARTICULAR REGION BY CONTINUOUSLY MONITORING AN INDIVIDUAL'S LOCATION.

▶ LOCATION OF THE INDIVIDUAL MUST BE STORED IN THE DATABASE .

▶ ALERTS ARE SENT USING THE NOTIFICATION SERVICE.

FUNCTIONS :

- ▶ CONTACT TRACING
- ▶ SYMPTOM TRACKING
- ▶ NEWS & INFORMATION
- ▶ CUSTOMER SUPPORT SERVICE
- ▶ ALERT SYSTEM
- ▶ UPDATE SYSTEM

TECHNICAL ARCHITECTURE :

Q & A :

▶ HOW USERS ARE CONTACTED IF THEY ARE IN CLOSE CONTACT WITH SOMEONE WHO AFFECTED BY DISEASE ?

▶ ANS : THE APP SENDS AN IN-APP NOTIFICATION WHEN THE APP IDENTIFIES THAT A USER HAS BEEN IN CLOSE CONTACT WITH CONFIRMED CASE.

▶ IS THIS APP RUNNNING IN BACKGROUND ALWAYS ?

▶ ANS : YES ,THIS APP WILL RUN ON BACKGROUND.

▶ IS SELF - DIAGONISE CAN DONE WITH HELP OF THIS APP ?

▶ ANS : YES, USERS CAN SELF – DIAGONSE WITH HELP OF THIS APP.