International Journal of Engineering Applied Sciences and Technology, 2022
Vol. 6, Issue 9, ISSN No. 2455-2143, Pages 211-214
Published Online January 2022 in IJEAST (http://www.ijeast.com)

COV-CARE AND CURE

Snehal Shivshant Patil., Aishwarya Ashok Patil., Ruchita Uddhav Bhosale., Shailesh Keshav Avadoba.
Department of Computer Engineering.
Shivaji University Kolhapur, Dr. J. J. Magdum college of Engineering, Jaysingpur,
Maharashtra, India

***Abstract*—To implement Cov-Care and Cure is a system for booking the rooms of covid centers through online. It provides the proper management tools and easy access to the Patient information. Today's pandemic situation number of covid patients are increases day by day so in some hospital there are lack of beds rooms so covid centers was developed. here I develop small system which is online booking bed or rooms in covid center for covid patients.**

***Keywords*—Cov-Care and Cure, covid, Patient.**

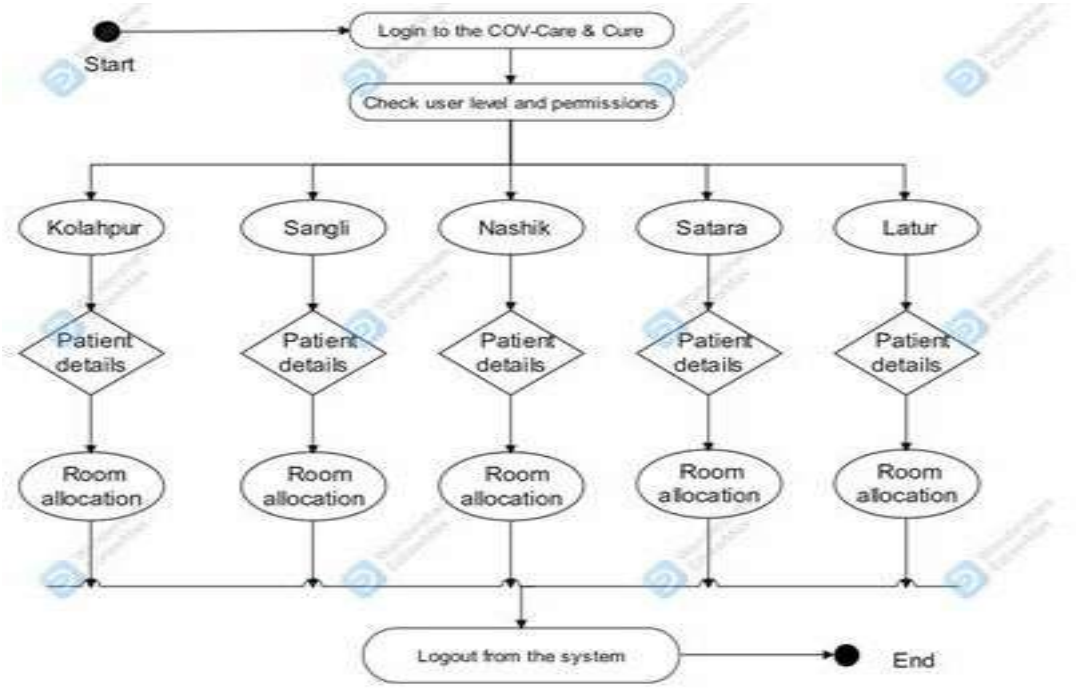
I. INTRODUCTION

The Cov-Care and Cure is to en able to provide the best possible care to covid patients in a timely manner. It will automate various tasks related to patient care, such as filling out forms, sending emails, and managing reports. Its goal is to provide a better experience and healthcare in lower costs for patients. The team members of Cov-Care and Cure are focused on delivering a variety of features that will make the end user experience more pleasant as well as helping to patients for find out the nearest covid center in less time. The main aim is easily find out nearest covid centre where doctors nurses gives proper immediately treatment to covid patients. The system aim sat the maintenance and management of the different Canters that are available in the different parts of the state. It mainly takes care of the covid center management at the core area of the database. The system provides the information regarding the different canters that are available and their status specific to availability. The entire project has been developed and deployed as per the requirements stated by the covid patients. Any specification untraced errors will be concent rated in the coming versions, which are planned to be developed in near future.

II. PROPOSED ALGORITHM

Cov-Care and Cure is able to manage proper taking care of patients like choosing center, booking bed, booking room at nearest center of patient. This automation will be able to replace the drawbacks of large patient information, Health reports files which were difficult to handle. Secure Transaction, quick retrieval of information, ease of use, quick recovery of errors, fault tolerance are some of the benefits that development team will be working on to achieve end user satisfaction. The Cov-Care and Cure is intended for there servations for room that can be made through online. Our Cov-Care and Cure Project will have 3 Main Modules such as Login module, Centre chooses module, Patient Information module. In each center have some specific information which is needed to fill up by patient. Patients will be able to Select Nearest Center, check for room's availability, select the rooms, and pay for the room and also update or modify booking details. Specialist will able to view the Patient Health report and able to update and delete records In this Pandemic situation our main goal of this introduced Online Cov-Care and Cure software is to simplify every day process of online booking room for patient and take proper treatment on a COVID-19 virus.

International Journal of Engineering Applied Sciences and Technology, 2022
Vol. 6, Issue 9, ISSN No. 2455-2143, Pages 211-214
Published Online January 2022 in IJEAST (http://www.ijeast.com)



.Fig1: Overview of Cov-Care and Cure

The" Cov-Care and Cure" system can be utilized to find nearest covid Testing Centres. The user can see the testing centres on this system through given list and also get details of testing centre (Name, contact, timing, test type, allocation rooms, etc) in the nearest area.

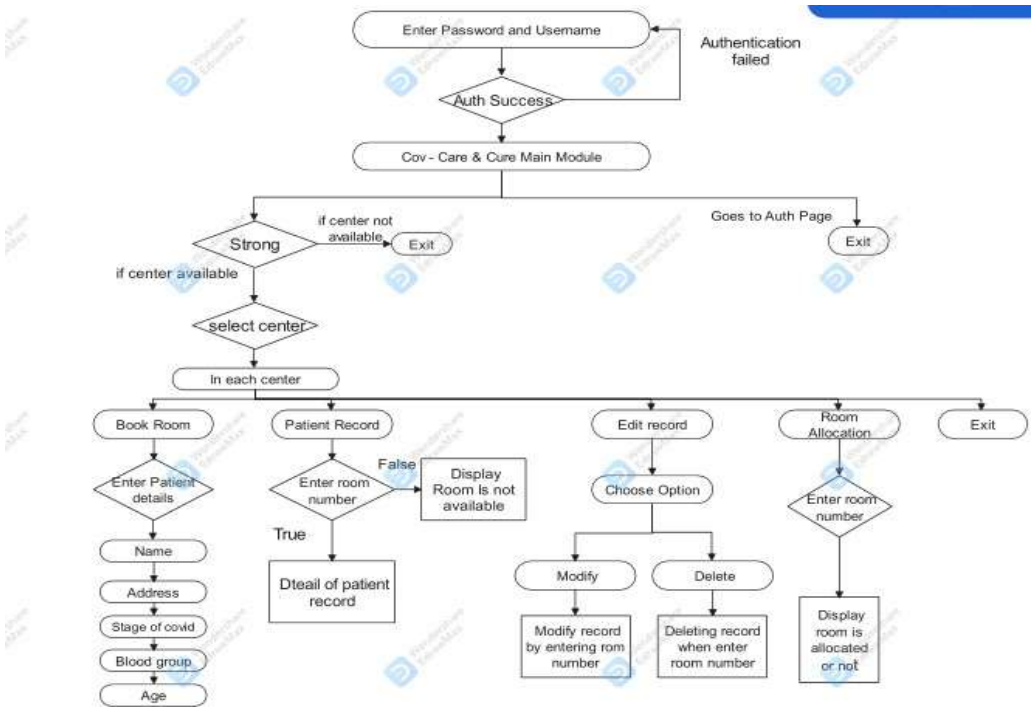


Fig 2: Flowchart of Cov-Care and Cure

International Journal of Engineering Applied Sciences and Technology, 2022
Vol. 6, Issue 9, ISSN No. 2455-2143, Pages 211-214
Published Online January 2022 in IJEAST (http://www.ijeast.com)

Cov-Care and Cure will help citizen to provide all the information related to COVID-19, bed tracking at hospitals and covid centers on one click. This system will give you the accurate information about vacancy of ventilators, ICU and oxygenated beds. The System also provide help about the COVID Care Centres present in the city along with info about other hospitals and their contact details.

Step by Step Algorithm

Step 1: Start
Step 2: Enter user name and password
Step 3: If user name==‘admin’& password==**Then login successfully
Step 4: Else Invalid Credentials Step 5: Then repeat step number 3 Step6: Choose center
Step7: Enter your choice Step 8: Else exit
Step 9: Repeat step 6 and step 7Step10: Select center name
Step11: Enter your choice i. Book a room ii. Patient record iii. Rooms allocated iv. Edit record A) Modify B) Delete v. Exit
Step12: End

III. EXPERIMENT AND RESULT

Here we include some screenshots of modules of system like login module, choosing center module, booking room, view room allocation and edit records by admin.

Fig3:Login Module.

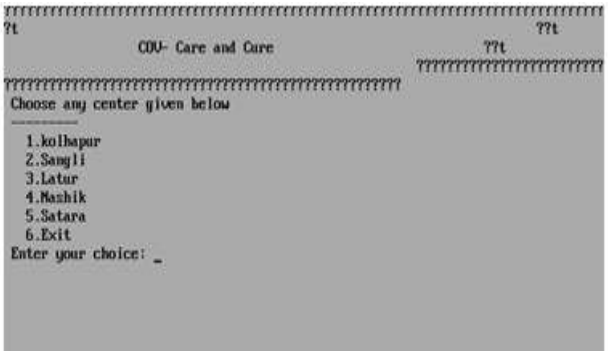


Fig 4:List of Center.

Fig5: Center Module.

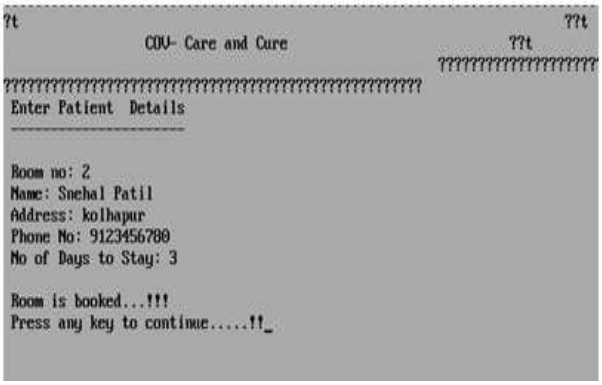


Fig5: Booking Rooms Module.

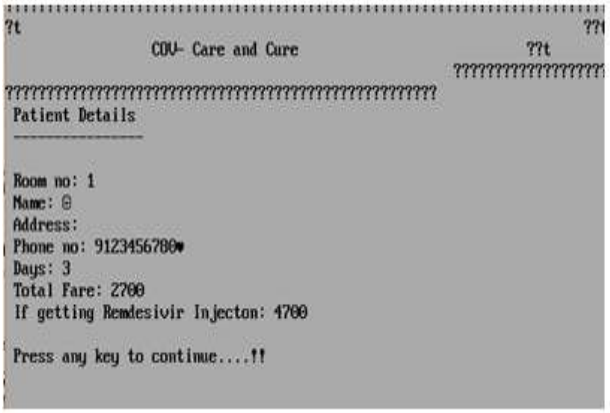


Fig 6: Details Module

International Journal of Engineering Applied Sciences and Technology, 2022
Vol. 6, Issue 9, ISSN No. 2455-2143, Pages 211-214
Published Online January 2022 in IJEAST (http://www.ijeast.com)

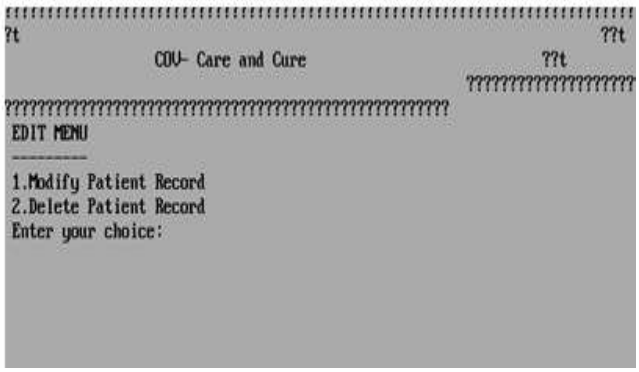


Fig 7: Edit Module.

IV.CONCLUSION

Cov-Care and Cure system has been computed successfully and was also tested successfully by taking ―test case. by this use of portal it saves patients time and money as solution are fond for work place problems. It is user friendly, and has required options, which can be utilized by the user to perform the desired operations. System meets the information requirements specified to a great extent. The system has been designed keeping in view the present and future requirements in mind and made very flexible. The goals that are achieved by the software are Instant access, Improved productivity, Optimum utilization of resources, Efficient management of records, Simplification of the operations, Less processing time and getting required information, User friendly, Portable and flexible for further enhancement.

V.REFERENCE

[1] The complete reference, C Fourth edition, by Herbert Schildt.
[2] The complete reference, C++ Fourth edition, by Herbert Schildt.
[3] The C Programming Language, Brian Wkernighan, Dennis Richie.
[4] C programming ABSOLUTE BIGINNERS GUIDE, by Grey Perry and Dean.
[5] C++ Programming Language, Fourth Edition, by Bjarne Stroustrup.
[6] Nixon B.Y. Ricardo And R.N. Berthier, Modern Information Retrieval.AddisonWesleyLongman,1999.
[7] The C++ Workshop, GALE GREEN| KURT GUNTHOROTHSHAUNROSMITCHELL