Control Strategy on Neural network for Mainstream Temperature of Thermal Power Boiler

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Abstract-People prioritizes work and time. Sometimes elderly people cannot search for the right person when their Appliances cause issue, also IT peoples and other professionals cannot spend time by searching for it to avoid this problem, this Application is developed.

Keywords: Repairing-agency, Angular, Components, web-app

I. INTRODUCTION

Today's world is of internet, everything is available on internet and easy to use and is time saving too. Most of our task for which we have to sand in a queue for hours say for example to pay electricity bill, telephone bills, water bills but with the help of internet it becomes so easy, we can pay any kind of bill by just by one tap. Same goes for online shopping of cloths, groceries, furniture. Considering the need of today's world E-Repairer developed which is an e-commerce website engaged in electronic and electrical appliances repair and service of new and old products. Providing a door-to-door step service to customer which in turn save time and efforts of customer. In this customer gets a door step technical assistance for them product with one tap request with minimal charges. The key idea behind this project is to provide door step services to customer to save their time and efforts. Our main motive behind this project is to boost up the local service market. It is an online service-based portal in which we provide door step services to customer.

II. LITERATURE SURVEY

1.TITLE:'E-Reparar Online Electronic Appliance Repairing Portal'Released by Yogita Deshmukh,SaurabhMaske, Bhuvaneshwari Deshmukh, Ankit Mate, Rajat Pakhale,SaketShahare,KushalGhorse on Jan 2019.

2. TITLE: 'Intelligent Management System for Home Appliances A conceptual approach using Hardware Description Language' Released by Kama Azures Othman, Nur Ayuni Binti NorSobri, Ahmad Haziq Umar, Faieza Hanum Yahaya, Zuhani Ismail Khan, Nur Emilie Abd Rashid, Mahanijah Md Kamal on July 2018.

3. TITLE: 'Design and Implementation of Web Based Home Electrical Appliance Monitoring, Diagnosing, and Controlling System' released by Leonard Putra, Michael, Yudishtira, BayuKanigoro on Dec 2015.

Table. 1. Existing Problem

Author and Year	Technique/ Methodology	Limitations/ Drawback	Advantages	Applications
Kushal Ghorse on Jan 2019	Mongo dB, software	Costly	Alerts if the wrong product is chosen	Home
Zuhani Ismail Khan, 2019	Dockers	Need stable internet	Data Storage	Home, Hospital

Obaidullah-Al-Mahud et al, 2020	Php,angular	Costly	Easy Communication	Electronic components
Yogita Deshmukh al, 2019	software	Need stable internet	Connects Pharmacies, and service centre	Home, Hospital, Pharmacies
Nur Ayuni, 2018	Software	Cannot collect kit data	Easy to use	Home

III. PROPOSED SYSTEM

Our service providers is highly skilled and take full safety measures while performing a job. Thus, this project presents the platform for the people that significantly reduces the wastage of time and make convenient for people to repair gadgets at doorstep. Consequently, it also manages the database which is useful for checking the status of the various fields in future.

E-repairer is basically an online electrical appliance repairing portal where customer register their complainant about their product and get repaired by our certified service provider at their door step.

IV. DESIGN APPROACH

The software will do the remaining part of the task, which is to remind patients to take their medicines along with how many pills they are supposed to take. The reminder can be set in the web application to a single user and the remainder is sent to the registered mobile number of the user. In future, we will make it a two parts hardware and software unit to acknowledge whether the user's pills are taken or not.
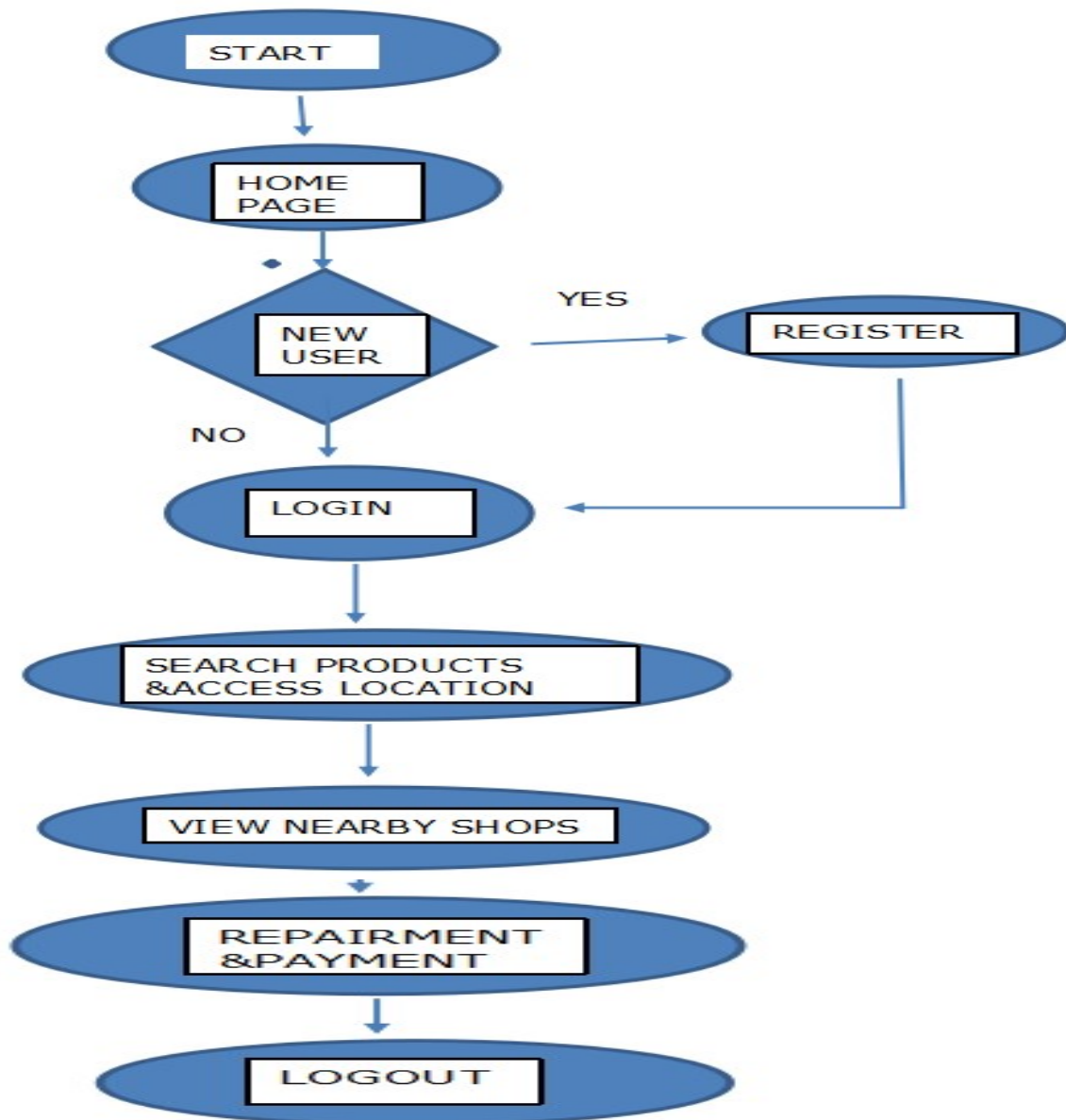
Fig. 1. Data flow Diagram

V. IMPLEMENTATIONS OF THE PROPOSED SYSTEM

SPRINT 1(Understanding Business Model)

The first sprint involves the making of an E-Repair setup, which is provides expanse variety of repair services for home appliances

Customer can sign up with the E-Repair application. After sign-up, the customer starts scrolling the different repair service menus.

The customer adds the repair services in the cart that he/she needs to order.

The customer selects the payment option that he/she finds the most appropriate.

The shop owner App beeps with the order notification. Once the vendor accepts the order, the customer too gets notified about the order acceptance.

The customer can also check about the nearby shops via the app dashboard.
The shop owner contacts the service man and informs about the service needed by the customer.
After the service, the customer can share the ratings about the quality of service via the same application.

SPRINT 2 (Securing the application)

The second sprint includes authentication and authorization of E-Repair application.
Authorization is ensuring that a logged-in user has the right to perform specific actions or view certain data.
For example, I may have access to view my personal information through a web interface, but I shouldn't see any other user's data. I also shouldn't have access to administrative functions.
Both authentication and authorization are necessary for an application to be secure.
A user reaches a login page on a website they have previously created an account with.
The user provides their unique ID and key to verify their identity.
The login credentials are compared against the originals stored in the website's server.
If they match, the user is authenticated and provided access to their account.
User have the option to register using form social application like google, Facebook, twitter

SPRINT 3 (Front-end development)

The third sprint involves the work of creating the front-end
Of the application which includes HTML, CSS, Angular

HTML is a standardized system for tagging text files that creates the structure for just about every page that we find and use on the web. It's HTML that adds in page breaks, paragraphs, bold lettering, italics, and more. HTML works to build this structure by using tags that tell browsers what to do with text.
CSS (Cascading Style Sheets) is used to style and layout web pages — for example, to alter the font, color, size, and spacing of your content, split it into multiple columns, or add animations and other decorative features.
Angular allows you to communicate with components, feed those data, and accept events from components; it thus makes components reusable and more isolated. The flexibility to develop the view separately as HTML.

SPRINT 4 (Back-end development)

The fourth sprint involves the work of setting up the backend components. We used Node, Express and JavaScript for developing the backend.
Node.js When a client requests something from the client side of the application, the request is first sent to the server. Then, some processing or calculations take place in that server to validate the request. Finally, a response is sent to the client side. The Node.js framework is primarily used for all such calculations and processing.
Node.js is used to build I/O-intensive applications such as video streaming sites and online chatting applications, among many others. Numerous established tech giants and newly formed start-ups use the Node.js framework in their operations.
Express.js is a lightweight and adaptable Node.js web application framework that offers a comprehensive set of features for web and mobile applications.
Some of the features are as follows:
- Robust routing - Multiple template engine support
- HTTP helpers (redirection, caching, etc.)
- Custom error handling
- Query and cookie parsing
- Web Socket support
- File upload support.

VI. RESULT AND DISCUSSION

The medicine reminder system serves reliable reminders, has a good and easy-to-use user interface, and supports a lot of features adhering to medicines. The details are not at all confusing and can be easily understood by the user. The best part of the application is that the details only must be entered one time. On submitting the details once, the data is synced on all the user's devices on which he/she is logged in. This allows for easy reminders no matter what device the user is using. The reviews on the system are overall positive and it addresses most of the flaws in the current reminder systems. However, there are a few issues which we intend to address further:

- We can only remind the person but not make him take the medicine forcefully.

- We are not following up on alarms so if the user skips the alarm, we don't buy it.
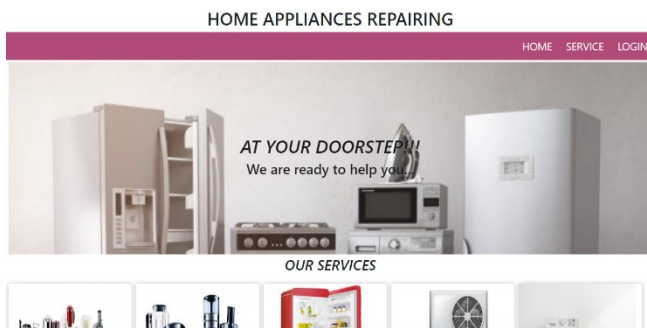
Fig. 1. Home Page for Web-app

Fig.2. Products Services Page
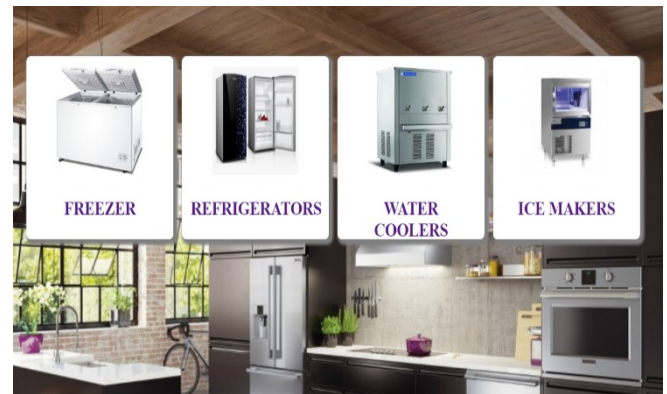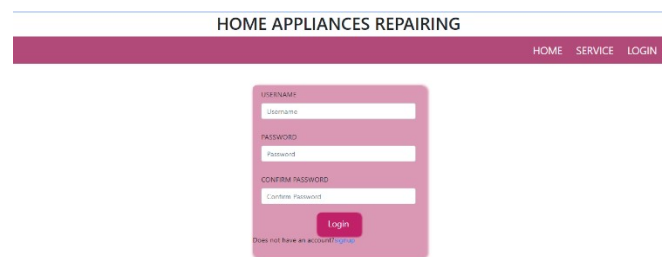

Fig. 3. Register Page

Fig. 4. Login Page

VII. CONCLUSION

To reduce burden in finding in-house solutions for the services, the proposed system provides several services by providing service specialists at your doorstep in one click.

A systematic mobile environment to system clients offers ease in accessing our services in a more comfortable way. With well qualified and background demonstrated professionals we make all your home appliance repair, mobile and computer repair, and many other services to be done in a click anytime from anywhere as easy as available.

In Future the system can have prolonged by adding the services such as cleaning services, catering services and many more.

With this solution, the problem can attain an economic and easily usable way to overcome the difficulties faced by senior citizens.

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