TECHNO COMMERCIAL PROPOSAL

PROJECT : USER AUTHENTICATION AND SHIFT MANAGEMENT

SCOPE OF WORK

- Prepare an application where a admin will import excel sheet of shift timing every week.

- User will record their attendance biometrically using a fingerprint scanner at any one of the four stations. They will then be allowed to work a 2-hour shift.

- After completing the 2-hour shift, they will not be allowed to work at any of the 4 stations for the next 2 hours.

- A user can work for maximum 4-hour(2 shift) in a single day.

- The application will save 1 year of data from all 4 stations in a database.

- Admins can access and download these entries and add remark for any entry from a remote system using a webpage.

- Supply the necessary hardware devices required for running the application (Fingerprint scanner, Alarm light, Sound buzzer).
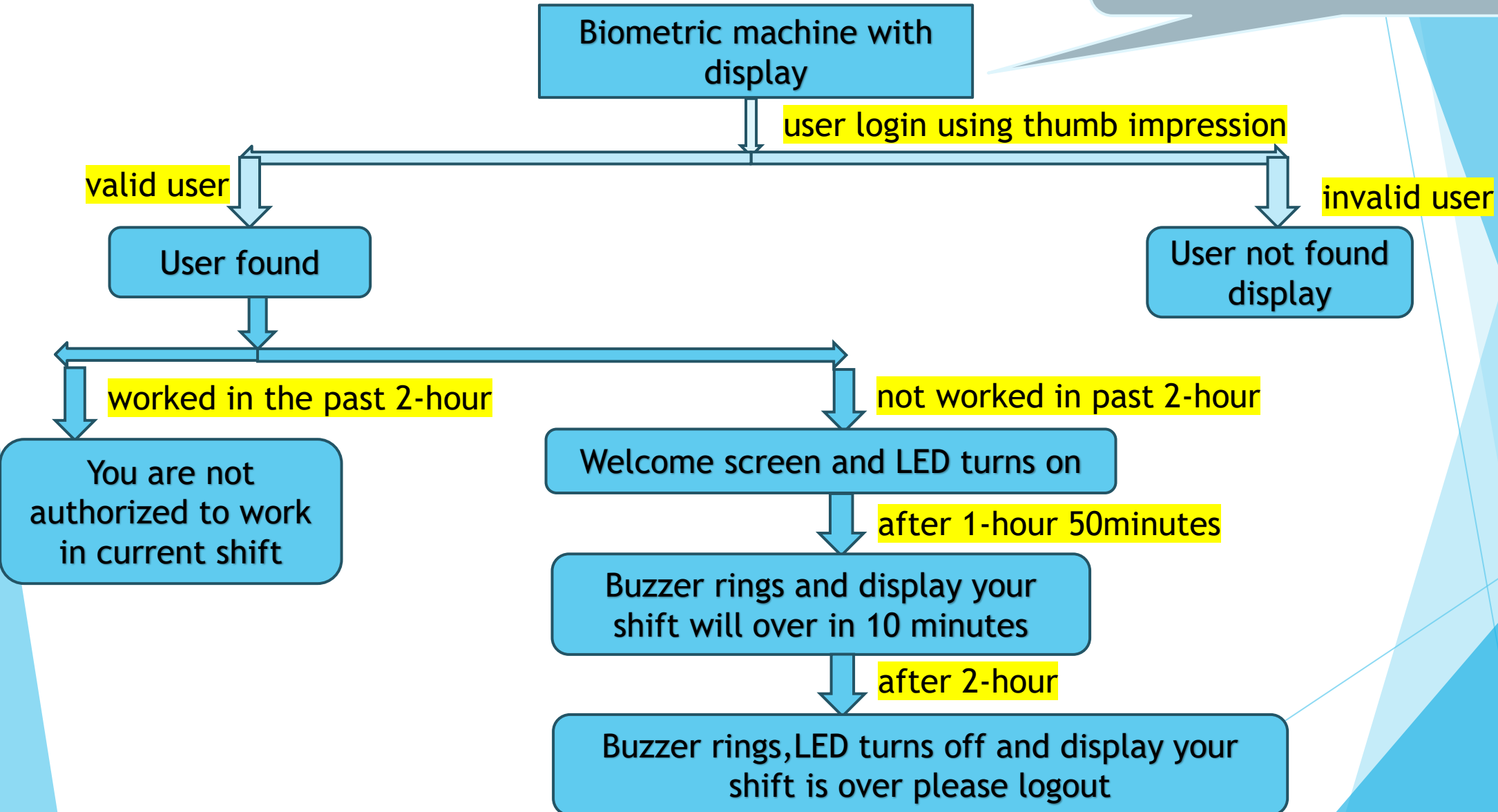
PROPOSED SOLUTION

Our Solution Includes :

➢ An application with one-time development cost which will allow User to record their attendance biometrically using a fingerprint scanner at any one of the four stations, and stores that attendance data to the server database.

➢ User will then be allowed to work a 2-hour shift, after completing the 2-hour shift, they will not be allowed to work at any of the 4 stations for the next 2 hours.

➢ A user can work for maximum 4-hour(2 shift) in a single day.

➢ The application will save 1 year of data from all 4 stations in a database.

➢ The application will also allow Admin to access and download these entries and add remark for any entry from a remote system using a webpage.

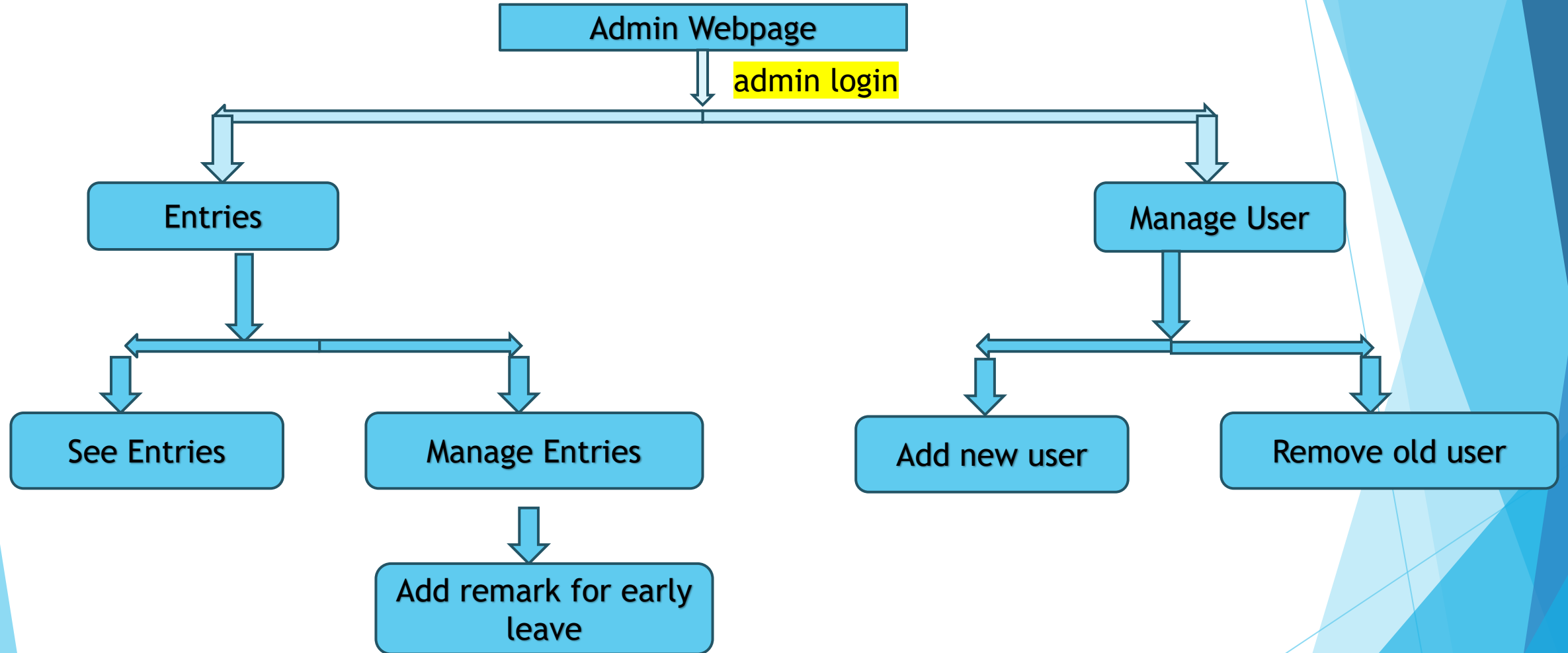➢ The application will also allow Admin to add or remove User.

WORKING OF THE MODEL

➤ The user uses thumb authentication to record their attendance.

➤ If the user's thumb impression is not found in the database, or the user has worked at any of the 4 stations in the past 2 hours, it will show "Not authorized to work".

➤ If the user's thumb impression is found in the database, and the user has not worked at any of the 4 stations in the past 2 hours, it will show the welcome screen.

➤ The user's 2-hour shift starts and the LED light turns on.

➤ After 1 hour and 50 minutes, a buzzer rings.

➤ After completing the 2-hour shift, the buzzer rings again.

➤ After screen displays a message saying the shift is over, and the LED light turns off.

➤ If an ADMIN opens the webpage,
   -> A page will open where the Admin can choose to see all entries or add remark for any entry or manage Users.

   -> The Admin can add new Users and can remove existing Users from system.

MODULE FLOW

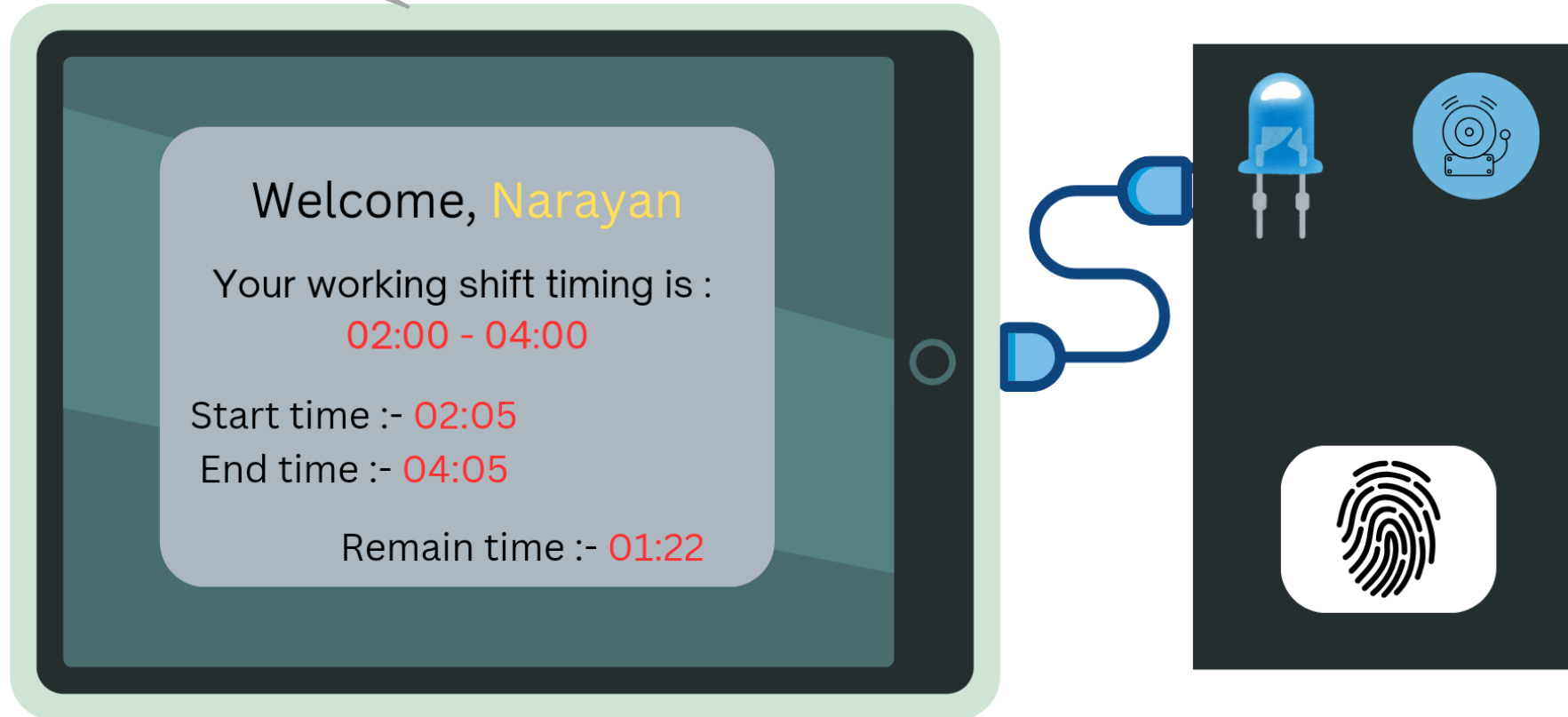Admin will import user shift timing every week in form of excel

Biometric machine with display

user login using thumb impression

valid user

invalid user

User found

User not found display

worked in the past 2-hour

not worked in past 2-hour

You are not authorized to work in current shift

Welcome screen and LED turns on

after 1-hour 50minutes

Buzzer rings and display your shift will over in 10 minutes

after 2-hour

Buzzer rings,LED turns off and display your shift is over please logout

MODULE FLOW

PROTOTYPE REFERENCE IMAGE

Will be provide by the client

Welcome, Narayan

Your working shift timing is :
02:00 - 04:00

Start time :- 02:05
End time :- 04:05

Remain time :- 01:22

COSTING

S. No	Units	Description	Quantity	Unit Price	Total Price
1	Device Level Software Development	Software Development at Device Level for Monitoring	1 Set One Time	60,000/-	60,000/-
2	Admin Level Software Development	Dashboard and Admin Control Software Development	1 Set One Time	60,000/-	60,000/-
3	Hardware Setup Development	Setup Included, Finger Print Module, Buzzer, LED, Mounting Structure, Controller to Communicate with Tablet/Tablet PC	4 Set	16,500/-	66,000/-
3	Installation & Training	Product training and installation for 2-3 Days	1 Set	30,000/-	30,000/-
				Total Cost	**2,16,000/-**

TERMS AND CONDITION

▶ The above charges are exclusive of any taxes.

▶ There is a blanket warranty of 1 year on the entire solution with first-year AMC included.

▶ OEM supplied items warranty will be as per OEM terms.

▶ Internet System (LAN or Wi-Fi) will be provided by client.

▶ Delivery time 5-6 weeks after receiving the order & advance PO and advance should be made in the name of **ELEKTRO LABS TECHNOLOGIES PVT LTD.**

▶ Payment terms:50 %Advance payment before starting the project

▶ 30 % payment after delivery of components

▶ The final 20% payment should be made 15 days after delivery of the entire solution.

▶ After one year of the extended warranty should @ 20% of the total solution price.

▶ Freight , lodging, and travel are to be taken care of by the client.

▶ Above prices are subject to change for any change in quantity or specifications.

Tablet or PC or Monitor in MINDA Scope.

SERVICE AND SUPPORT

► Maximum 48 working hours turn around time for online support.

► Minimum 2-Days turnaround time for an on-site visit.

► Maintenance visit after every 6 months

► Telephonic services and remote services are available

► 1-year Hardware Warranty

► Any visit or service not covered under the AMC will be charged at Rs. 10,000/day

► Additional to the hardware costs if any.

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