SMART HOME

Assignment 1-1 Interview with the client

Abstract

This document contains the interview questions and answers with the client of Smart Home project.

Abhisha Ashvinbhai Bhesaniya

Software Engineering Principles

1. **Do you have something specific in mind?**
   Not really but, I am pretty much clear about my requirement. I want to automate my home with the latest technology and security is my priority.

2. **Do you want only security, or you also want to control home appliances like fridge, TV, Washing Machine, AC, Microwave, etc.**
   As I said earlier security is the most important thing for me but if I can control home appliances it will be cherry on the cake for me. As we all are living a fast-paced life nowadays sometimes, we do not have time for our self so this thing will help us a lot.

3. **Moreover, do you want to open and close your curtain using your mobile?**
   It would be great if you guys can do this because, I have seen this thing at my friend's place, and I was so impressed with this. So, this automation should be in my smart home project.

4. **we have one more feature called Panic button in our product, which helps patients or old age people who are completely on bed rest to call the person for help do you want this?**
   You can add this feature to my product too because my mother is completely on the bed so it would be a great help for her and us too. Sometimes we have to awake for the entire night if she needs our help.

5. **We have one human detect sensor in our product which will detect your presence and turn on the light and when you leave the place it will automatically turn off the lights do you need this feature?**
   I need human detect sensor for every room for my home my daughter always forgets to turn off the lights of her room. I think this feature is going to cut down my electricity bill.

6. **Do you want to know the status of your every door whether it is open or close?**
   No, not at all. I need one for the main door and 1 more for the garage.

7. **Do you need an update on the status of every Window of your home?**
When it comes to windows yes, I want to be updated with the status of every window of my home.

8. **How many appliances do you want to control? And what are they?**
If I talk about appliances, I would like to control AC & heater along with washing machine & dryer and every other appliance like light, TV, and microwave.

9. **Our product will give you an alert whenever your door and window will open so do you want this alert when you are at home or only when you go out?**
In this case, I would like to control this through my phone because when my kids are alone at home at that time I need alert otherwise it would be great if I get alert only when I am not at home.

10. **Do you need a CCTV camera along with this?**
Ohhh, I completely forget about CCTV this is a must for the security of my home and I also want that I can see the live streaming on my phone.

11. **Do you have a Wi-Fi router at your home as this entire system needs Wi-Fi to give you control to control everything from outside of your home?**
Yes, I have a Wi-Fi router at my home as I have work from home for 2 days a week, so I need a router.

12. **Do you need a web application or mobile application to control this smart home system?**
I more preferred to go with a mobile application to control everything. As mobile is always with me and it is very easy to control things with mobile from outside of my home too.

13. What do you want us to do if our system fails?

I am a totally non-technical person so I don't know how to solve the problem so I can do one thing I can restart the entire system once then too if the problem is still there I need your technical support engineer to fix the problem as this is a matter of security of my home.