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CMPE 313/SENG 214 Software Engineering
Assignment 1
Extreme Programming

User-Story

"As a company manager, I would like to have a security system so that can control and check who can and who cannot get into my company's building. Also, I need to know who these visitors are, why they are visiting, and how long will they going to stay in the building for keeping my coworkers, clients, and company event information safe."

Tasks

Task 1: List all employee personal data

Listing the worker data firstly will help to simplify the knowledge of who are visitors and who are the regular employees. This way, employees' will be safer because they can get inside and outside of the building without any security barriers.

Task 2: Get the visitors' IDs, names, social security numbers etc.

With getting visitors personal information on the security system, it will be easier to track and observe them. In case of the visitor being a dangerous/unwanted person for the company and for the people in it, getting to know them through this step will make taking precaution against them easier.

Task 3: Note down the reason they visit

With this step, it will be possible to have an idea of the visitor's intentions for the company. And in any scenario of company information being leaked or being stolen etc. it will be simpler to see which visitors come and go to which departments of the company.

Prioritization

The main priority should of course be the safety of the company employees, so their personal information should be kept in the security system to let them get in and outside of the building easily, but also their information should be safe in the system. While protecting the workers from the outsiders, we should also take measures to keep their information protected.

Another importance is keeping the company information inside, it should not be leaked. To do that, it is important to keep record of who visited the company, where these visitors visit inside the building, what was their purpose on visiting these departments every day.

Change Request

Because of the Covid-19 pandemic, we now are living in difficult times, and to protect ourselves and the people we love we should stay away from places and people that can be dangerous for our health. To avoid difficult situations, security system should also check the visitors' and the employees', basically every one that can get access inside the company, if they are vaccinated or they have any official document that says they are covid negative. This way people's health can be kept safe, and it will be avoided to spread the virus around more people.

Re-Ordered Prioritization

After the change request, new priority is to check people's official documents about them being vaccinated/covid-safe before they got access to company building without questioning if they are visitors or employees.

Then, (assuming they are healthy enough to get access) if they are employees, they should be able to get in and out easily as always and if they are visitors, they should be checked just like they were before the change request.

Development Team's Reaction

Even though there is a change request from the customer/user, it would not affect the work of the development team much. Because even though the priority order has changed, the request is not something that force the team to change on the system, but it is something that wants to be added. So, if the project is not being started yet or it is being started or even close to be finished, the planning and developing will not change very much because there will be only one addition to the tasks which can be done without changing other tasks/customer needs.