



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

Assignment 1

Building Management System

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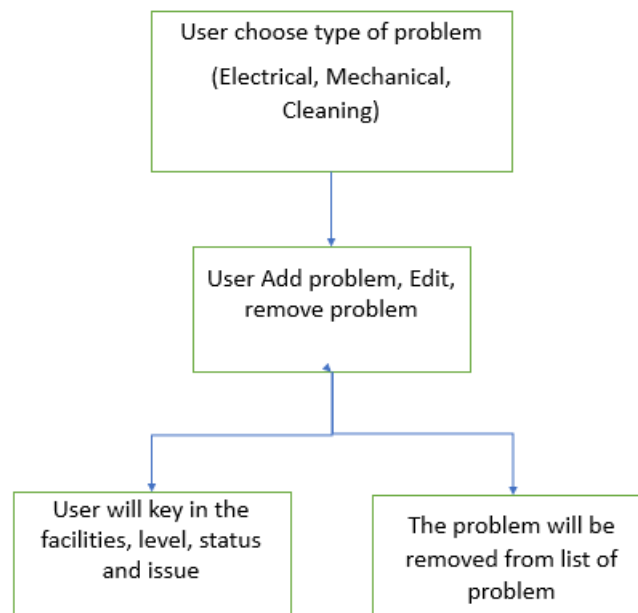
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1.1 Abstract

This project is made to apply management system to building where a building can keep track of the problem occurred in the building and whether the problem is solved or not. User can key in the type of problem in the web interface whether it is an electrical, mechanical or cleaning related problem. Then the user can specify the which level of the building does the problem occur. The problem will then be kept tracked until the problem are solved. This could help the building manager has a more systematic approach to solve the problem as well as telling the user whether the problem have been solved or not.

1.2 Flow Chart



2.1 Flow of Application

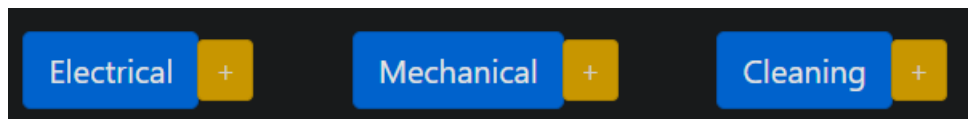


Figure 1: The type of problem choice button

The user can choose the type of problem from the button above which is the electrical, mechanical or cleaning problem. The '+' button are used to add problem in the respective category.

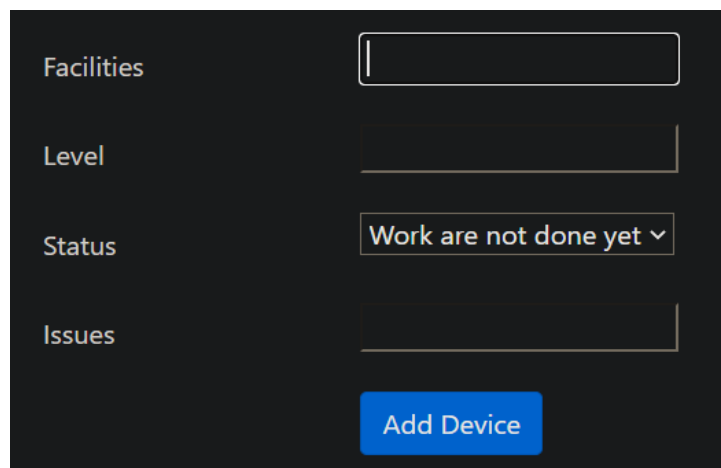


Figure 2: User key in the detail of problem

If the user chooses the '+' button, then the user will be directed to the following page which will ask the user to type the facilities involve, the level which the problem occur the status of the work done on the problem and the issue that occur to the facilities.

Viewing					
No	Facilities	Level	Status	Issues	
6	bulb	2	Not done	not function	Edit x

Figure 3: User view the list of problem in the category

After user key in the detail of the problem, the problem will be listed under the category of the problem. From the list, user can edit the problem which will be redirected to Figure 2, or the user can remove the problem if it is done.

Editing item

Facilities	<input type="text" value="bulb"/>
Level	<input type="text" value="2"/>
Status	<input type="text" value="Work are not done yet"/>
Issues	<input type="text" value="not function"/>

Figure 4: User redirected to the edit the status of problem

3.0 Conclusion

The building management system could help to manage the problem occurred in a building more systemically, It also records the status of the progress work done on the issue. In the future, the building management system could expand its function to the user and provide a more systematic and more efficient to the user to tackle more problem.

