

# Report #2

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Phase : Execution

Last update : 6-12-2021

Estimated : from 25-10-2021 to 28-1-2022

Reality : from 25-10-2021 to 17-12-2021

We have problem in planning in the planning phase so the time plan changed significantly.

This is just a small project and our team member worked really hard so the design time of the project has changed.

There

We are currently finding and fixing bugs for the project now.

## Risks happened in the phase

### Risk 1

- Problem : After summarize test result, we got a problem in the software : the UI is very bad, they are hard to use, unbalanced color and the layout was chaos. So we decided to update the UI
- Solution : We added new task right after summarize test result - Update UI, which take 3 days to be done

### Risk 2

- Problem : After summarize test result, we also got a problem in the software : the code structure is not clean, they are hard to read and maintain.
- Solution : We added new task after the UI update, called "Refactor logic code". This task takes 4 days to be done.

### Risk 3

- Problem : When testing phase take place, we get into a point that if developer and tester work together in fixing bugs, the software will be tested and updated more efficient.
- Solution: Thus we decided to assign "Fix bugs" task to developer and tester

To continue finding and fixing bugs, tester will work with developer to make it more effective, test lead will no longer work on the project because their plan has cover testing field, giving the way for tester to find bugs.

The microsoft project file is updated at 6-12-2021. It's located in Meeting\_2 folder in Controlling folder

It's name is Project\_update\_2.mpp

### **Summarize :**

This phase complete percentage : 74%

Overall project complete percentage : 64%

Estimated Cost in this phase : \$25840

Estimated Cost based on real work : \$21190

Earned value : 0

The cost is increased because of new Update UI and Refactor Code are added, but all other tasks have their time reduced significantly, so the overall cost is reduced.

### **Lesson Learned :**

- Testing is important.
- We need to test the design document to ensure the project won't get off its way.
- Code which works is still need to be updated to be clean and easy to maintain.