

Criterion A – Planning

Problem Statement:

Peter Yusufi, a Real Estate project coordinator, cannot keep track of all the contract information of tenants, as well as budgeting building cost.

Description of Scenario:

As a Real Estate project coordinator, Peter Yusufi deals with information of over 50 tenants and their contract deals. He needs to know about their contract information a few months in advance, in order to discuss with the tenants. He also deals with budgeting costs of building. He needs to know how much money is spent and in what subcategory of that project.

Rationale for the proposed product:

As he said¹, Peter Yusufi needs an application that can keep track of all the data he deals with on a daily basis. Because of that, I am making an application that can be easily accessible on a laptop or computer. I will be coding with NetBeans using Java, since that is what we have learnt in class. The GUI will also be made in NetBeans, giving Peter a user-friendly environment. By doing that, it enables the opportunity of having drop down help menus, and hover boxes if Peter runs into a difficulty. Peter mentioned² the need of alerts, and NetBeans has the options of a pop-up dialogue box. He also mentioned³ the need of easy accessibility to his data, and in this case, a database would be most appropriate. NetBeans offers the option of creating a table, where all information inputted by the user can be displayed.

Success Criteria for Product:

- User can input information when working on a new project
 - Information includes:
 - Starting Date
 - Budgeting
 - Materials
 - Costs
 - Photos of property
 - Problems that have occurred there (repairing, giving money on time, budgeting)
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- User can input information about the tenants they are dealing with.
 - Information includes:
 - Tenants name
 - Contacts of tenants
 - Job
 - Expiration dates of their contracts

¹ Appendix 1 Interview 1

² Appendix 1 Interview 1

³ Appendix 1 Interview 1

- Number of people in household.
- Input boxes do **not** clear data placed in Text Fields, just in case the user wants to make an instant adaptation.
- Pop-up windows of alerts of expiring contracts will come up 3 months in advance of the expiring date.
- User can modify categories to see on the data table.
- User can save all information
- User can re-open past information
- User can print information from Text Edit.

- As long as loading speed is within a few seconds, I have met my criteria of success.