\*This document may only be written by project managers of the team

**1) Program development cycle:**

Plan Ideas

Check Ideas

A diagram of a error

AI-generated content may be incorrect.

Submit-Upload

Improve features for the project

Please follow the rule above steps by steps when developing or contributing anything to this project

**A)Plan Ideas**

\*Please go to folder **Project\_Ideas** when planning and check ideas. Please write your own MS Word document, specify your name and other members’ names who help you planning and thinking about the ideas, write the ideas that you want to put into the project in comprehensive ways.

I don’t need to restrict you to any specific kind of writing, but please write each separate sections, create tables, input images, explain stuffs as much as you can, and so on so that other people in the team can understand.

Please write those documents as short as you can (less than 10 pages). We don’t have time to look at 1000 pages for ideas about just a small navigation bar with 1 button if you know what I mean.

**B)Check Ideas**

\*When checking ideas, project managers will work with you when needed to make sure if they want to put those ideas into the project or not. After it, they will inform the team to put those ideas into the design steps.

\*As project managers, please write documents about these meetings so that we know what’s going on in those meetings.

\*As contributors, please write documents about these meetings so that we know what’s going on in those meetings.

**C)Design the Program**

\*In the design the program steps, please write documents into **Design\_Plans\_Ideas/Design\_Plans** folder. You may use any design tools for designing purposes (Flowchart, Pseudocode, Unified Modeling Language, SceneBuilder, Adobe InDesign-Photoshop-Illustrator, Canva, MS Designer, Figma, Wix, and so on), but please put the output of your designs into MS Word or PowerPoint and explain what’s going on with your designs and what technologies you want to use too, **please don’t put any code into this folder’s documents.**

Please specify your name and other members’ names who help you planning and thinking about the designs.

Writing your documents like you are trying to do a presentation, except that we just need to read to understand your design ideas, we’re not going to spend time to do oral presentation about design plans to save more time for this project, so be careful with your writing.

Please write those documents as short as you can (less than 10 pages). We don’t have time to look at 1000 pages for ideas about just a small navigation bar with 1 button if you know what I mean.

**D)Programming Steps**

A diagram of a diagram

AI-generated content may be incorrect.

+As programmers, developers, hackers, we want to work as a team to write programs that run smoothly, so it’s important that each member knows what’s going on with the technologies that they are dealing with for each tool of the project

=>If there’s any technique that you think can make the program run smoothly with less code and easy for other people to understand, then use it.

=>Please write comments or documents and explain your codes when needed

**\*In case you want to explain your code through documents, you may look at an example below to know how to explain your code using Pseudo-code, and Flowchart\***

**A diagram of techniques

AI-generated content may be incorrect.**

**A screenshot of a computer

AI-generated content may be incorrect.**

**A screenshot of a computer program

AI-generated content may be incorrect.**

=>Please use procedure programming and object-oriented programming techniques to reduce as much codes as possible across any module of the project

=>If you write a function or a class, don’t write it too long, it’s really hard to scroll up and down to check errors or the logic of your code. No one wants to read a superclass that was written in java that contains 10000 lines of code if you know what I mean.

=>Please specify the name for variables, functions, methods, classes, objects, and so on in the way that human can read. If a function is used to activate a dropdown menu, please write the name for the function as activateDropdown instead of aD

=>Please spend time write documents to teach other members about the advanced technologies that you used if needed

=>We don’t care if you use code from ChatGPT or other AI tools, but let me remind you again, please explain the code

=>You may use any advanced algorithms to make life easier, but let me remind you again, please explain the god damn code

=>You may use any feature to unlock code with password or passcode for security purposes, please explain the code

=>You may use any feature to help the program automatically generate new code to help us save more time coding, please explain the god damn code

=>Don’t forget to test and correct errors, please, I’m begging you

**E) Submit-Upload**

Please create a new branch on our [**RQT\_Real\_Estate**](https://github.com/phuongtrieu97coder/RQT_Real_Estate) GitHub repository with the name like update\_content\_from\_your\_name, commit and push content changes to it. Then, create a pull request staging to let us know that you have uploaded new contents into this repository.

Please make sure that you don’t push too much changes onto the project, it’s really time consuming to work with each other to resolve issues on a pull request on GitHub, so please make sure your pull request contains small changes each time only. For example, 5 new lines of code, 2 new images, a new function, a new button, a new MS Docs, and so on.

After it, the project managers will check it later. If all managers approve the changes, the repository’s owner will merge these changes to the main project repository.

When the project is finished, we will find ways to show it to the world. If we can’t, at least we have a portfolio project to put into our resume or LinkedIn accounts’ project experience feature.

**F) Improve features for the project**

The team may improve any features for the project when needed to improve user experience and the workflow.

**During this step, just follow the program development cycle again to know what to do**

**2.Structure of the project’s GitHub Repository**

Please visit Design\_Plans\_Ideas/Project\_Structure\_Hierarchies\_GitHub.docx

**3.Structure of the project on Cloud Service platform (if exists)**

Please visit Design\_Plans\_Ideas/Project\_Structure\_Hierarchies\_Cloud.docx

**4.Structure of the project on DevOps platform (Docker, Kubernetes) (if exists)**

Please visit Design\_Plans\_Ideas/Project\_Structure\_Hierarchies\_DevOps.docx

**5) Team members’ Responsibilities and Assignments**

Please visit **RQT\_Real\_Estate/Teamwork\_Rules\_Responsibilities/Project\_Managers\_Responsibilities.docx**, and **RQT\_Real\_Estate/Teamwork\_Rules\_Responsibilities/Contributors\_Responsibilities.docx** documents

For assignments, please visit **RQT\_Real\_Estate/Teamwork\_Rules\_Responsibilities/Contributors\_Assignments** folder

**6)Plagiarism and Honor people’s Contributions-Inventions Rules:**

To prevent plagiarism issues, please use some effective writing techniques like paraphrase, citation, and so on when writing content for the app.

To honor people’s contributions and inventions, if you put anything into this project that was made by someone else, please put their names-study resources(books, videos, articles, blogs, and so on ) into the **RQT\_Real\_Estate/Study\_Resources** folder. You can put the resources that you learned in order to create something into that folder too so that other members can study it later.

By doing something like this, you can reduce the amount of time that you have to use to teach someone about any tools that they haven’t learned before too.