CODING STANDARDS FOR ipa

***Naming conventions***

Camel casing format is used for variables, file names and function names. The ID’s of the employee should be 9 characters long and should begin with 24. The agent ID should begin with A and should be 10 characters long. Collection names in the firebase should follow the camel casing format and also the function names.

***Formatting conventions***

The if and for/while loop statements and functions should have a format as below:

function nameOfFunction(parameter 1, parameter 2)

{

if nameOfFunction(parameter 1, parameter 2)

{

// statements

}

OR

For(int I =0; i<5; i++)

{

//statements

}

}

Brackets to be on new line and not on the same line when beginning/ending if and for loop statements as well as the functions. There should be a two line breaks after every function for readability purpose. For indentation use tab.

***Commenting convention***

Block comments should be placed before every function to briefly explain what the function is all and the name of the person who wrote this function.

/\*

\* @author : name and email addresss

\*@purpose of [ name of function]

\*/

function nameOfFunction(parameter 1, prarmeter 2)

{

if nameOfFunction(parameter 1, prarmeter 2)

{

// statements

}

}

***Rules***

The Git structure should have the following format :

1. Master branch that contains the final version of the entire project.
2. Staging branch is used to test and make sure nothing goes wrong this is the only branch that’s allowed to merge with the master branch.
3. Parent branch is used to make small changes to the program and then this branch is merged with staging.
4. Child branch are the branches where you initially start off and these branches are merged with the parent branch .

Folder to save employee documents should have the following format:

WorkerDetails folder

Plumber ID

CV.pdf

ID.pdf

Folder to save images of installation or repairs should have the following format:

Images

Case ID

One.png

two.png

Following is the format to receive information from the client (no other format will be accepted):

Name = “ “

surname = “ “

address = “ “

cell number = “ “

call back number = “ “

client type = “ “

service type= “ “

reason = “ “

***Responsibilities***

1. Mr Theoveshan Naidu is assigned a role of UX designer for this system and is responsible for performing unit tests.
2. Mr Alexandros Petrou is assigned a task to make a mobile app in ionic and manage the GitHub.
3. Mr Zi Xin Zhang is assigned a task to make an mobile app in ionic and manage the ZenHub(Project management tool).
4. Ms Janaki Patil is assigned a task to implement the core functionalities and handle documentation work.
5. Mr Tristan Sander-Hughes is assigned a task add security features to the system and perform integration testing.