Settle Lah !

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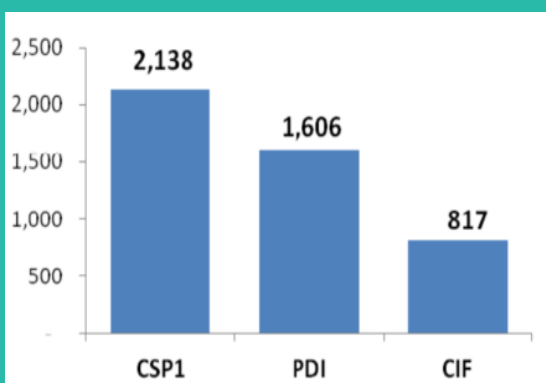**Supervisor: Mr Nicholas Jeremy Francis**

Settle Lah Logo

INTRODUCTION

Building defects are a common issue associated with housing provision and new houses are not an exception. Residential buildings are rapidly being constructed in response to high demand and it will cause ignorance towards some minor mistakes and suffer from poor building quality (Ishan Ismail.,2015).

Settle Lah is derived from the idea that everyone can hire any services that they want quickly, safely, reliably, and most importantly it is cost-free. In the app store, there is no proper application currently that can handle repair work according to the warranty period. This application will only be provided to new house owners with a house warranty as payment does not involve in the entire process. The goal is to provide quality customer service and fulfill a client's request efficiently and effectively.
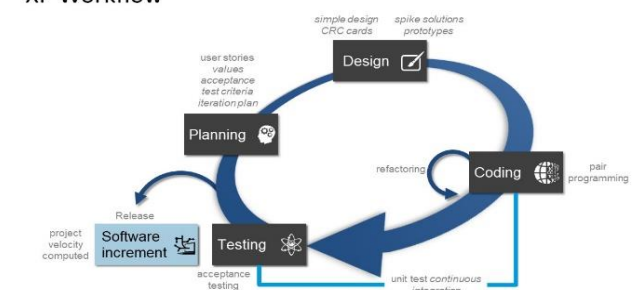
OBJECTIVES

-To investigate the common problem faced by new house owners

-To enable the raising of house defects to developers via an electronic mobile phone application

-To research on how to solve the problem faced by new house owners when facing defects and how to identify the housing warranty.

-To develop an application and provide a user-friendly and cost-free interface with easy navigation and a clear direction of flow in the process.

-To provide a platform for developers to check on the repair works that are being done.

-To ensure all client's defects are captured and tracked timely

LITERATURE REVIEW

By carrying a survey, number of defects from three stages of inspection is stated. The diagram below shows the results of analyzing the Likert scale of the three phases which are the Condition Survey Protocol (CSP) 1, "Pemeriksaan Pra Penyerahan" (PDI), and also "Permeriksaan Pelanggan" (CIF). Those three phases are needed to find out the research result of analyzing house defects.

METHODOLOGY

Extreme Programming Methodology

The objective of extreme programming methodology is to reduce long development cycles and replace it with several short development cycles. The main reason for choosing extreme programming methodology is that it focuses on low defect rates and it will lead to high customer satisfaction.

XP Workflow

CONCLUSION

In the nutshell, hopefully by using this application, new house owner can get rid immense amount of the manual paperwork that are needed to be done for reporting house defects. All the objectives that are mentioned and stated in the proposal had been completed and successfully being implemented and tested in the project. Java offers unseen possibilities and is also a very powerful program as it contains a variety of different stuff that has never been discovered and hopefully after the assignment will be able to learn more and deeper into the world of java.

REFERENCES

1) Ismail, I., Che Ani, A., Abd Razak, M., Mohd Tawil, N. and Johar, S., 2015. COMMON BUILDING DEFECTS IN NEW TERRACE HOUSES. Jurnal Teknologi, 75(9), p.7.

2) "Extreme Programming - Quick Guide - Tutorialspoint." Www.Tutorialspoint.Com, [online] Available at: www.tutorialspoint.com/extreme_programming/extreme_programming_quick_guide.htm. [Accessed 30 July 2020].

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