Review of Second Assignment of Group 3: KeePass - Password Safe

Group 2

January, 2016

1 General

- This document is clearly written and structured, this document only contains small number of typos.

- The conclusion chapter is missing in this document.

- Some citations are missing.

- Please write more elaboration regarding to important parts, for example key drivers.

- This document seems to be incomplete. Please complete this document.

2 Introduction

- It is not explicitly mentioned which version of KeePass is used in this document.

- It is better to show the repository URL (or, in this case, link to source?) and how the community contributes to the project.

- Mention in which language Keepass is written.

3 Requirements

- The QAs used in this document is not exactly the same with the QAs in ISO 25010. Please explain about this.

- It is better to explain where do the concerns come from (add sources).

- Why are the concerns of Dominik different from Bill's concerns?

4 Software Architecture

- Why did you use only logical view and process view? Why not the other views? Please add rationale of using these views.

- Figure 1 has less explanation, only sub chapters (3.1.1-3.1.8) explain that. For example, please explain what do the arrows mean (the direction, etc.).

- Figure 1 is also not referenced anywhere. Please add reference to this Figure.

5 Pattern Documentation

- It is nice that source code is also referenced in this chapter.

- Please show the relation between SA and pattern docs.

- It would be nicer if each pattern documentation is also written with an image explaining it.

- Related patterns are missing in pattern description.

- For implication in pattern description, please also relates those patterns with the key drivers. For example, does that pattern support or hinder the key drivers?

- Some pattern descriptions are not completed. Please complete those.

- For the plugin pattern, it does not become clear how plugins communicate with the Keepass. Are they loaded at runtime or are plugins separate processes that communicate with Keepass using an API, ... ?

- The memento pattern (as described in 'Elements of Reusable Object-Oriented Software') has 3 objects: originator, memento and caretaker. How are these roles filled in Keepass?

6 Architecture Evaluation

- Please complete this chapter.