Lujia Zhang CSSE 477 CM 1405 Paper Review 4

Please review the attached paper by critically summarizing it in your own words.

Even though Agile development is popular among software industry, software intensive system developing companies such as automobiles, telecommunications, finance and medical companies still doubt about Agile approach. On the other hand, Agile supporters think software architectural design has little value since design should change throughout sprints and refactor.

Unlike software architecture, Agile method doesn't plan too much in advance, it adapts design as development is happening. Finding a balance between software architecture and Agile is important.

The disagreement and tension between architecture and Agile could be a fasle claim.

By clarifying the semantics, it shows there isn't much distinction between design and architecture. Project context is what influenct architectural activity. Large and complicated projects require significant architectural effort. Agile method needs to suit the special demand.

Architecture should be focused in the early beginning and architects need experience as both architectus reloadus and architectus oryzus.

Software developers are equally important in successfully combining agile and architecture approaches because its up to the development team how to use various architectural artifacts and documents.

Knowing the most appropriate time for key architectural decisions is important. Nonfunctional requirements can be ignored.

There are six important things to be noticed.

Understand the context, clearly define the architecture, define an architecture owner, exploit architecture with other teams and parties, only use important functionality to identify architectural issues, understand the timing to slow down architecture design, and keep track of unfinished and unresolved architectural issues.