Abstract

Architectural assessments in any organization plays very critical role, as all the applications must go through the architectural assessment either formally or informally ensuring that the specified architecture suits for the project environment or not. Unless we specify rationale to the defined architecture whether it's going to work or not, it would be difficult for the project teams to get the required buy-in from all the stakeholders, thus Architecture Assessments in today's Agile Business World are very crucial. Organizations are going through rough phase in identifying how to ensure a given architecture is perfect or not. Enterprises are struggling on how to set up an architecture assessment team or an architecture governance team, the stages that they need to check for architecture's validity, even after implementation how to make sure the architecture is in compliant with the enterprise architecture that is defined, so that the next process/projects can kick start accordingly, so as to be sure about the compliance with Enterprise Architecture. How effectively can we identify the Risks and mitigation strategies? So that the cost and time can be saved, avoiding lot of re-work due to mistakes in the architecture. To identify any gaps in the architecture at very early stages and to suggest the corrective measures so we can execute the project smoothly, saving lot of resources. This paper elaborates on directing efficient architectural assessments in an agile business environment, the features, techniques and benefits by efficient architectural assessments in any enterprise and clear methodology in accomplishing the same efficiently, so the organizations can benefit from these architectural assessment engagements by saving huge
cost and time ensuring high quality in executing the projects in a complex business world.

References

- Evaluating a Software Architecture by Paul Clements, Rick Kazman, Mark Klein Date: Dec 6, 2001
- Enterprise Architectural Methodology and Framework by the Open Group

Index Terms

Computer Science

Information Science

Keywords

Architectural assessments  Architecture governance  Security