Discuss how the following affect/contribute to a success of a system project?

1. Software Process Models

- its contributes a lot to the system project because is involves the development of the system where the system leans toward the preferences of the users. The process models involves design and testing which is then implemented to the system if the users preferences are met.

2. Agile Development

- Customer satisfaction by rapid, continuous delivery of useful software. People and interactions are emphasized rather than process and tools. Customers, developers and testers constantly interact with each other. Working software is delivered frequently (weeks rather than months).

3. Requirements Engineering

- the apparent goal of requirement validation is to construct the consistent requirements for the needs of target users and careful requirements modeling along with systematic validation helps to reduce the uncertainty about target systems.

4. Project Management

- its contributes to the success of the system project because a good project management leads to a effective and fast progressing project development.

5. System Modelling

- its contribution is modelling makes the system traceable which makes it easy to develop through visual analysis of the model. It can also reduce system defects.

6. Architectural Design Pattern

- design patterns quicken development and prioritize conflicting goals. It creates a solid foundation for the software project and makes your platform scalable. It increases the performance of the platform, reduces costs, and avoids code duplicity.

7. Software Design Pattern

- it contributes through isolating the variability that may exist in the system requirements, making the overall system easier to understand and maintain. It also makes the communication between designers more efficient.

8. Software Implementation

- contributes to the success of a system project because it is an approach to effectively integrate a software based service or component into the workflow of an organizational structure or an individual end-user.

9. Software Testing

- it contributes to the system project success because it is where the bugs and errors are spotted and emulated.

10. Software Evolution

- it gives many options to develop, improve, and implement the system project.