

Exercise 1

Technology Solutions Inc. offers IT consulting services to small and medium-sized business organizations in North America. The dynamic 500-member team has built the

company's reputation for providing high quality services to its customers. The right blend of industry-leading products, project management skills, and extensive experience has helped the company deliver complete solutions that have helped business grow, while building customer loyalty. The company spends about \$40 million annually in R&D investment alone as part of the initiative to enter new markets. This has led to its decision to diversify into the software solutions arena.

The

new division is called Technology Software Solutions Inc. and has got an assignment to develop an air ticket booking system.

However, this new division has not had a great beginning. The first project faces problems in the coding phase. There are so many problems while coding the system that the team is unable to resolve the issues that have cropped up. As the project deadline approaches, the team is unable to select the methodology it needs to execute

the project on time.

You have been asked to find a solution to the problem that the team is facing. You discuss the issue with the core team to understand the methodology they were following, and get the following feedback:

- After the requirements gathering, the project team does the analysis.
- Next, the team creates the design.
- After the design is approved, the team starts coding.
- Finally, the system is tested.

Identify the cause of the problem that the project team is facing and suggest a possible solution to the problem. Identify ways to implement this solution in the context of the project being developed.