In one of the projects in the past, we had an application that was supporting the e-commerce business for a company. However, as the business grew, the number of partnering sellers increased too. Though the business model was pretty similar for all the selling companies, there were a few company-specific business rules that were needed to be incorporated. During the planning phase of this project, a few things were highly overlooked and the project was underestimated.

1) With prior experience of the legacy system, the architects underestimated the company-specific business rule implementation part and the complexity of the rules was not assessed accurately.

2) The project manager and the leaders committed many unrealistic features for the application in a short time.

These two major mistakes impacted the project badly and it was a failure, because of the unrealistic estimates the developers could not identify or could not focus on the core part. A lot of security flaws were left ignored during project development.