**Project Outline**

Shiva Bharadwaj Durbhakula

New England college

IT Project Management

Thomas Mongeon

17/09/2022

**Introduction**

A project is considered as failure when it doesn’t deliver what is required within allocated budget and time. To describe the case of project failure, I'll take the example of the **Space Shuttle Challenger disaster**. This project is considered failure due to failure of an "O-ring" seal in the solid-fuel rocket which is located on the right side of the Space Shuttle Challenger (Mishra, 2017).

**Body**

The Space Shuttle Challenger tore apart because of the O-ring seal's flawed construction, along with the launch day's exceptionally cold weather. Hot gases leaked through the joint and gasoline from the tank and booster mixed and caught fire as a result seven astronauts are died due to this failure, stated by the ` NASA investigation Rogers commission. The commission also stated that despite the concerns raised by the engineers regarding the safety of the launch, the officials haven’t listened to them and proceeded with the launch.

The engineers warned NASA that the Challenger launch was at risk because the O-ring included unknown and risky components. NASA, however, insisted on the launch and the other reason is the engineers and managers are at different level due to this there wasn’t a proper communication between them which made the managers to take the decision of launching. This disaster could have been prevented if risk was managed appropriately.

**Conclusion**

To complete a project successfully it is very important to identify the risks and make plans according to it. A proper communication plan must be developed such that every moment in the project is clearly known to all members involved in the project and take decisions accordingly (Verzuh,2021). To take a decision, managers have to make sure that they have taken the opinions of each end every member involved in the project and make decisions according to it. If there was a proper plan the NASA project would have been successful and the people who are in the spacecraft wouldn’t have faced sad death.

**References**

* <https://www.linkedin.com/pulse/project-management-lessons-learned-from-failed-samir>
* Verzuh, E. (2021). The Fast Forward MBA in Project Management (6ed). Hoboken, NJ. John Wiley & Sons.