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ASSIGNMENT - 1

Q Give case study of project failure due to scope creep.

Answer:

CASE STUDY : DENVER AIRPORT CASE STUDY

- Introduction: Scope creep refers to the uncontrolled expansion of a project's scope without proper adjustments in time, cost, or resources resulting in project failure.
- Case Overview:
 - Project: Automated Baggage Handling Systems
 - Location: Denver International Airport, USA.
 - Initial Budget: \$193 million
 - Final Cost: Over \$560 million
 - Delay: 16 months
 - Status: System largely abandoned.
- Description of failure:

The automated baggage system was initially planned for one terminal and one airline. However, midway through the development, the scope was expanded to cover all airlines and terminals. These scope changes were not accompanied by adjustments in schedule, budget or technical planning.



- Factors leading to failure.

- 1) Uncontrolled Scope Creep
- 2) Lack of Change management
- 3) Unrealistic Deadline
- 4) Poor Communication and Coordination

- Consequences

- 1) Major cost overrun
- 2) Missed deadline
- 3) Partial system failure
- 4) Loss of public and stakeholder Trust

- Lessons learned

- 1) Define scope clearly at start
- 2) Control and evaluate any scope changes
- 3) Communicate regularly with stakeholders
- 4) Adjust time and resource when scope expands

- Conclusion

The Denver Airport case shows how scope creep, if not managed properly, can turn an innovative project into a costly failure. Effective project planning and scope control are essential for success.