

1. Introduction

The success of the **Bookify Hotel Reservation System**, developed as part of the **Digital Egypt Pioneers Initiative (DEPI)** program, relies on the effective identification and management of all key stakeholders involved in the project.

This document provides an overview of the stakeholders, their roles, levels of influence, and interests in the project. It also defines strategies for communication and collaboration to ensure smooth progress and successful outcomes aligned with DEPI's objectives of fostering digital transformation and innovation.

2. Purpose

The purpose of this document is to clearly identify and analyze all stakeholders of the **Bookify Hotel Reservation System** project.

By understanding their needs, responsibilities, and expectations, the project team can ensure efficient coordination, better decision-making, and alignment with DEPI's learning and development goals.

This analysis will also serve as a reference for communication planning throughout the project lifecycle.

3. Stakeholder Identification

Stakeholder	Role	Description
DEPI Program Supervisor / Mentor	Academic Guide	Provides mentorship, monitors progress, and ensures the project aligns with DEPI learning objectives.
Project Manager (Team Leader)	Leader	Responsible for project planning, task distribution, and team coordination.
Developers (Backend & Frontend)	Technical Team	Design, develop, and test the web application using ASP.NET Core and SQL Server.
UI/UX Designer	Design Team	Ensures that the user interface is visually appealing, accessible, and user-friendly.
Database Administrator (DBA)	Support Team	Designs, implements, and maintains the project database schema and relationships.
Hotel Managers (Simulation Users)	External Stakeholders	Represent real hotel operators who would manage rooms, availability, and bookings.
Customers (End Users)	Primary Users	Represent typical users who will browse and book rooms online through the system.
System Administrator (Admin User)	Internal Stakeholder	Manages users, hotels, rooms, and system data through the admin panel.
Quality Assurance (QA) / Testing Team	Quality Control	Conducts testing to ensure system functionality, performance, and reliability.
Finance & Payment Simulation Module	Supporting Role	Represents payment process validation and report generation.

4. Stakeholder Analysis Matrix

Stakeholder	Interest in Project	Influence Level	Expectations	Engagement Strategy
DEPI Mentor / Supervisor	Very High	Very High	Regular updates, structured documentation, and project progress	Weekly reporting and milestone reviews
Project Manager	High	High	Team collaboration and timely project delivery	Regular team meetings and status updates
Developers	High	Medium	Clear technical requirements and support	Agile sprints and code reviews
UI/UX Designer	Medium	Low	Design feedback and usability validation	Prototype reviews and testing sessions
Hotel Managers (Simulation)	Medium	Low	Realistic system representation	Demo sessions and mock data testing
Customers (Users)	High	Low	Smooth booking experience	User testing and survey feedback
System Administrator	High	Medium	Stable and error-free management system	Admin panel testing and walkthroughs
QA / Testing Team	High	Medium	Functionality validation	Continuous testing and feedback
Finance Simulation Module	Medium	Low	Accurate report generation	Report verification and validation

5. Stakeholder Influence / Interest Grid

	High Influence	Low Influence
High Interest	DEPI Mentor, Project Manager, Developers	QA Team, System Admin, Customers
Low Interest	Finance Module	UI/UX Designer, Hotel Managers

6. Communication Plan

Stakeholder	Communication Method	Frequency	Purpose
DEPI Mentor / Supervisor	Online meetings, reports	Weekly	Review progress and guide learning outcomes
Project Team Members	Group meetings, Slack/Teams	Daily / As needed	Discuss tasks, progress, and blockers
QA / Testing Team	Reports, shared testing documents	During Testing Phase	Log issues and verify fixes
UI/UX Designer	Design meetings, Figma prototypes	As needed	Validate user interface and experience
System Admin & Finance Module	Internal feedback sessions	After deployment	Review system behavior and reports

7. Conclusion

This stakeholder analysis aligns with the **Digital Egypt Pioneers Initiative (DEPI)**'s focus on collaborative and applied learning.

By clearly identifying the roles, influence, and engagement methods of each stakeholder, the **Bookify Hotel Reservation System** team ensures effective communication, structured workflow, and high-quality project outcomes.

This structured stakeholder management approach not only supports project success but also strengthens the team's professional and project management skills — a key goal of the DEPI program.