

# Role-Based Resource Requirement Document

## 1. Project Overview

This document outlines the resource requirements for the **Customer Portal Revamp** project. All resources are listed according to specific roles required, with key responsibilities and quantity estimates included.

## 2. Resource Requirement Summary

Role	Responsibilities	Estimated Quantity	Required Duration	Skill Level
Project Manager	Oversee delivery, communicate with stakeholders, ensure timelines	1	Full Project Duration	Senior
Business Analyst	Gather requirements, create documentation, coordinate with teams	2	Phase 1-2	Mid-Senior
UI/UX Designer	Design wireframes, create user journeys, ensure accessibility	1	Phase 1-2	Mid
Frontend Developer	Implement UI components, ensure responsiveness, integration with APIs	3	Phase 2-3	Mid-Senior
Backend Developer	Develop APIs, database integration, authentication, and logic	2	Phase 2-3	Mid
QA Engineer	Create test cases, perform manual & automated testing, log issues	2	Phase 2-4	Mid
DevOps Engineer	Setup CI/CD pipelines, manage environments, monitor deployments	1	Project Duration	Mid
Support Specialist	Post-launch support, user training, feedback collection	1	Phase 4-Onward	Junior-Mid

## 3. Additional Role Details

### Project Manager

- Primary contact for stakeholders
- Responsible for risk mitigation

### Business Analyst

- Works closely with end-users to define expectations

### UI/UX Designer

- Focus on usability and consistency with brand guidelines

### Frontend Developer

- Experience with React or Vue.js preferred

### Backend Developer

- Proficiency in Node.js, Python, or Java backend stack

### QA Engineer

- Must have experience in functional and regression testing

### DevOps Engineer

- Familiarity with AWS or Azure cloud solutions required

### Support Specialist

- Initial period includes onboarding and user manuals

## **Important Notes**

- Role-based requirement documentation clarifies project needs and justifies resource allocation.
- Alignment with project phases ensures that roles are filled at the right time.
- This document should be reviewed and updated as the project scope changes.
- Skill level definitions are essential for effective recruitment and team assembly.
- Always validate estimated quantities based on project size and complexity.