

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.