

# Website Redesign

## Project Cost & Risk Analysis Report

**Project Name:** Website Redesign

**Team Size:** 3

**Risk Level:** Medium

**Total Tasks:** 4

**Report Generated:** February 10, 2026 at 06:00 PM

# Executive Summary

Metric	Value
Base Cost	\$26,700.00
Total Estimated Cost	\$34,710.00
Cost per Team Member	\$11,570.00
Realistic Timeline	22.1 days
Sequential Timeline	22.1 days

## Cost Analysis

The project has a base cost of **\$26,700.00**. With a medium risk level, we apply a risk overhead of **\$8,010.00**, bringing the total estimated cost to **\$34,710.00**. This translates to approximately **\$11,570.00** per team member.

## Timeline Analysis

**Realistic Estimate:** 22.1 days

This accounts for task dependencies, resource constraints, and risk factors.

**Optimistic (Critical Path):** 17.0 days

Best-case scenario with unlimited resources and no delays.

**Sequential (Worst Case):** 22.1 days

If all tasks must run one after another.

## Critical Path Analysis

The critical path contains **4** tasks with a total duration of **17.0 days** (adjusted: **22.1 days**). These tasks directly impact the project timeline and should be monitored closely.

### Critical Path Tasks:

- Requirements Ananlysis
- Mockups Design
- Frontend Development
- Testing and A

## Task Breakdown

Task Name	Days	\$/Day	Base Cost	Adjusted Cost
Requirements Ananlysis	5.0	\$1,000	\$5,000.00	\$6,500.00
Mockups Design	3.0	\$1,300	\$3,900.00	\$5,070.00
Frontend Development	7.0	\$2,000	\$14,000.00	\$18,200.00
Testing and A	2.0	\$1,900	\$3,800.00	\$4,940.00

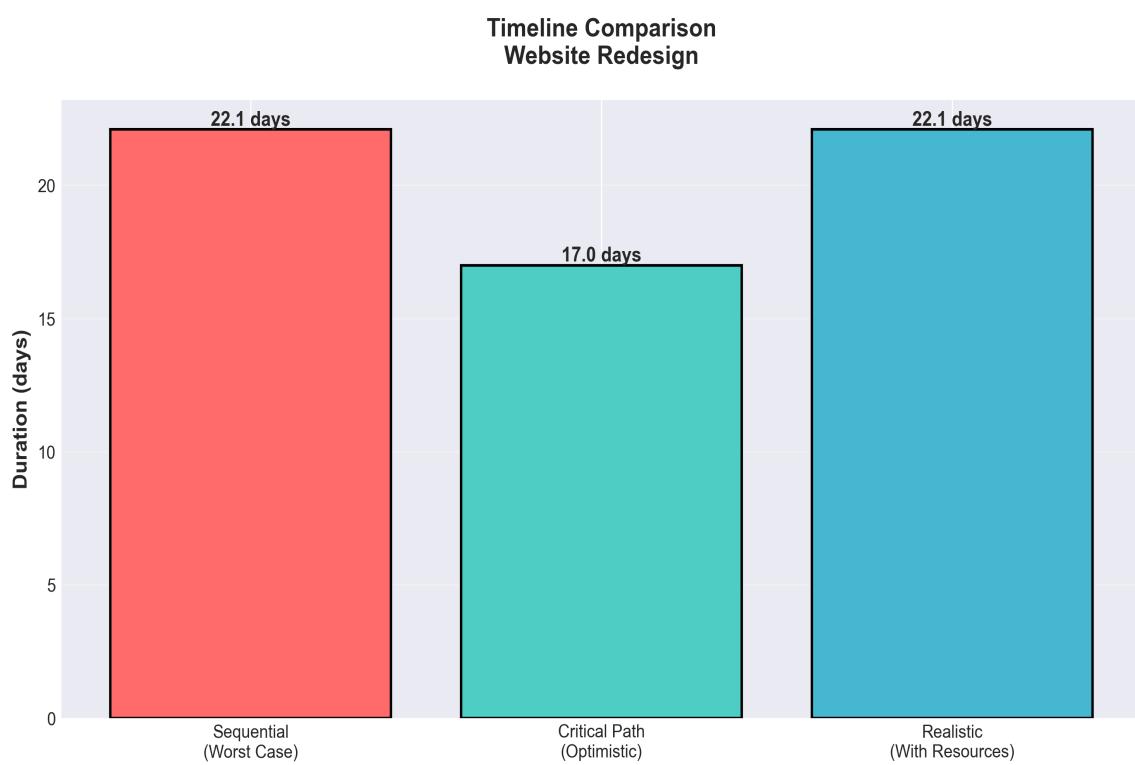
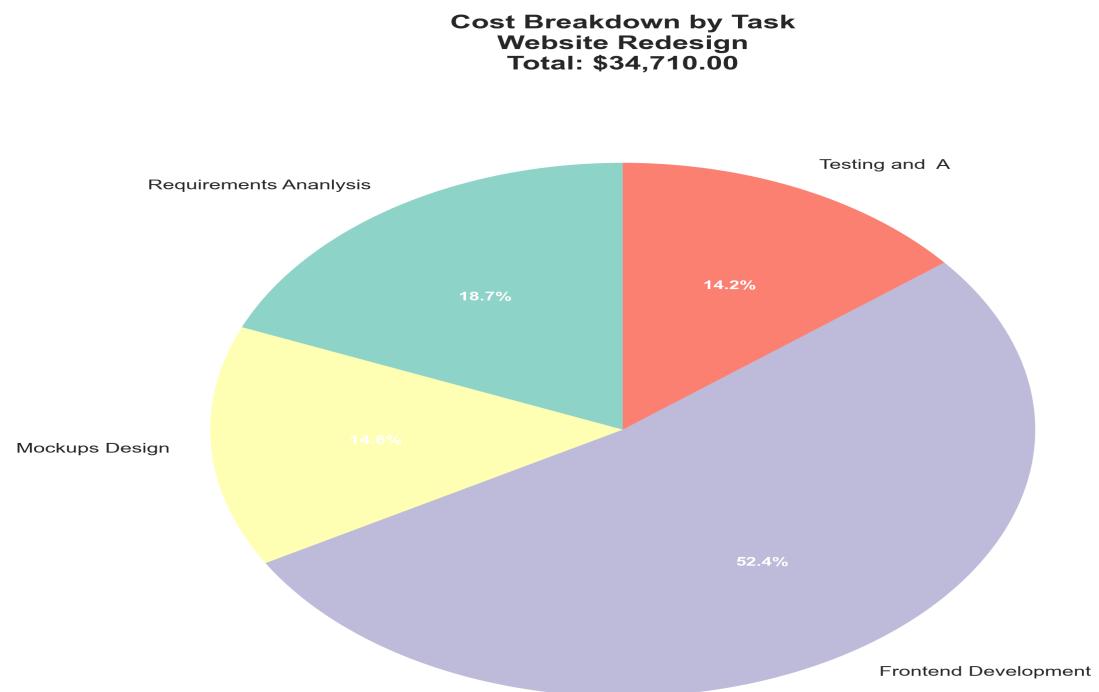
## Monte Carlo Risk Simulation

Scenario	Cost	Timeline	Probability
Best Case (P10)	\$28,493	18.6 days	10% or better
Expected (Mean)	\$33,048	23.0 days	Most likely
P75	\$35,526	25.3 days	25% worse
Worst Case (P90)	\$37,822	27.9 days	10% or worse

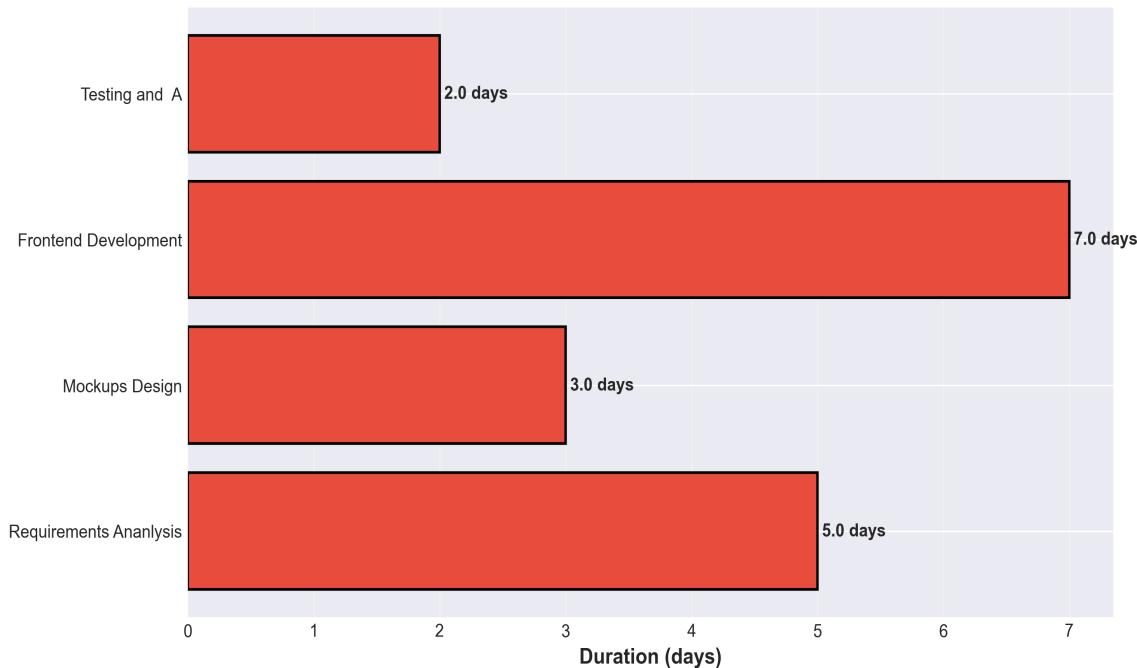
### Primary Risk Drivers:

- Long critical path with many dependencies

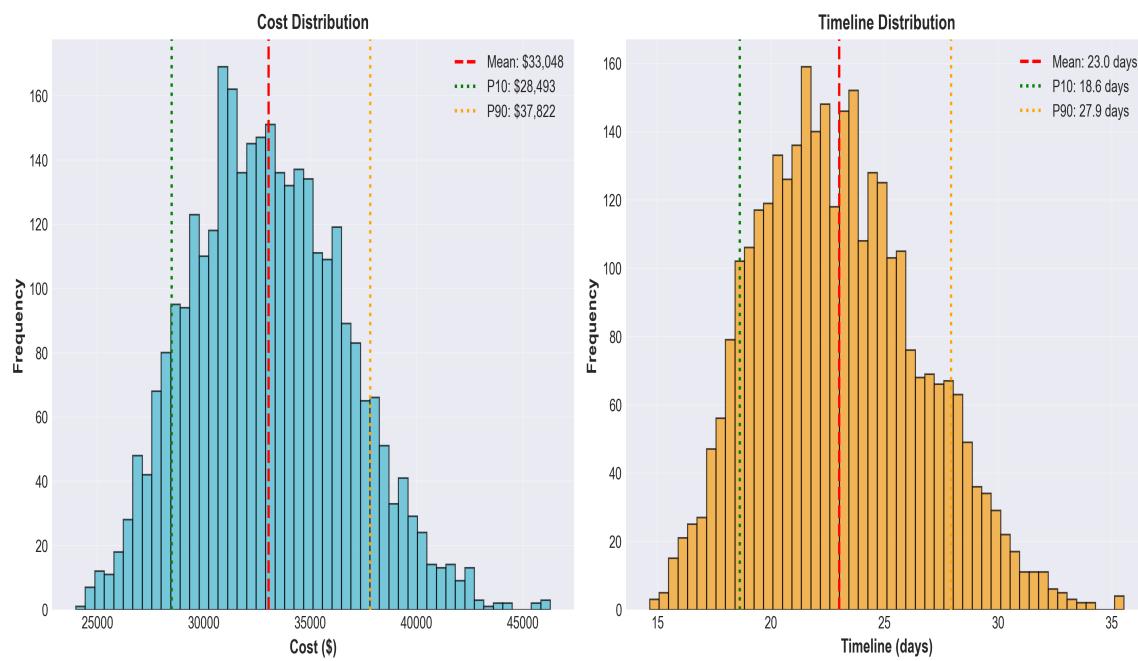
## Visualizations



**Critical Path Tasks - Website Redesign**  
Total Duration: 17.0 days



**Monte Carlo Risk Analysis - Website Redesign**  
3,200 Simulations



### Scenario Comparison - Website Redesign

