BuildAIde Project Estimate *Prepared by: Zulqarnain Nazir | Date: June 27, 2025*

Overview

This document outlines the estimated effort and timeline for enhancements and improvements to the BuildAIde platform. It includes milestone-based effort estimates, descriptions of the proposed work, and key assumptions. The pricing is based on a flat rate of **\$30/hour** for development time. Project management and QA support are included at no additional charge.

Team Structure

- Developer: 1 (Primary executor)
- QA: Included for testing and validation
- Project Manager: Included for coordination and reporting

📍 Milestone 1: Bug Fixes & Feature Validation

Objective: Establish a reliable, production-grade foundation

Scope of Work:

- Conduct a thorough bug audit across all 10+ integrated tools
- Perform edge case testing (invalid inputs, network/API failures)
- Ensure cross-browser compatibility (Chrome, Safari, Firefox including mobile)
- Profile performance issues (slow loading, memory usage)
- Validate forms, calculations, and export functionality

Estimated Effort:

- Developer: 30–40 hours
- PM Oversight
- QA Included

Assumptions: No predefined bug list is available. Discovery phase required.

📍 Milestone 2: Feature Enhancement Analysis

Objective: Recommend high-impact improvements across tools

Scope of Work:

- Analyze user experience for all tool workflows

- Identify underused or overly complex features
- Evaluate construction process alignment
- Recommend AI prompt enhancements for clarity & speed
- Assess integration potential with CRM, accounting, or mobile systems

Estimated Effort:

- Developer: 18–28 hours
- PM Oversight
- QA Included

Assumptions: Usage analytics not yet available. UX review based on heuristics.

📍 Milestone 3: Senior-Friendly UI Overhaul

Objective: Improve accessibility and usability for older users

Scope of Work:

- Increase typography size and visual contrast
- Simplify navigation hierarchy and reduce click-depth
- Improve touch targets and action buttons
- Provide clearer error messages and form feedback
- Implement progressive disclosure (basic vs advanced views)
- Optional: Design usability testing for validation

Estimated Effort:

- Developer: 24–32 hours
- PM Oversight
- QA Included

Assumptions: UI changes build on the existing layout. Full redesign scope TBD.

📍 Milestone 3.5: Mobile Optimization

Objective: Ensure optimal use in the field via mobile-first enhancements

Scope of Work:

- Enhance responsive layout and viewport adaptation
- Optimize for touch and mobile UX standards
- Improve load times and component behavior on mobile

Estimated Effort:

- Developer: 8–12 hours
- PM Oversight
- QA Included

Assumptions: Web-based only. Native mobile testing/tools not included.

📍 Milestone 4: Authentication System

Objective: Establish secure and scalable user login & access control

Scope of Work:

- Email-based registration/login workflow
- Role-based permissions (contractor vs homeowner)
- Project-level data isolation for users
- Persistent and secure session management
- Password reset via email
- Optional future support for multi-tenancy or 2FA (TBD)

Estimated Effort:

- Developer: 24–30 hours
- PM Oversight
- QA Included

Assumptions: Entire auth system is being built from scratch.

🔍 Open Questions & Clarifications Needed

1. Do you have a documented list of known bugs?
2. Is analytics/tracking available for feature usage?
3. Should we keep the current UI layout or fully redesign it?
4. Has any part of the authentication system been implemented?
5. Do we need real-device mobile testing or just browser responsiveness?

💰 Summary of Estimated Hours

Milestone	Developer Hours
Bug Fixes & Validation	30–40 hrs
Feature Enhancement Analysis	18–28 hrs

Milestone	Developer Hours
Senior-Friendly UI Overhaul	24–32 hrs
Mobile Optimization	8–12 hrs
Authentication System	24–30 hrs
Total	**104–142 hrs**

Cost (@\$30/hr for Developer only): \$3,120 – \$4,260

📦Inclusions

- Dedicated project manager and QA included at no additional cost
- Weekly progress updates
- Clear documentation of changes
- High code quality and professional delivery standards

Prepared by: Zulqarnain Nazir\ **Rate:** \$30/hour (developer only; PM and QA included)\ **Availability:** Ready to start Milestone 1 upon approval

Thank you for considering this proposal. I'm excited to collaborate and bring BuildAIde to the next level.