

Civil QC Application

UI Documentation Guide

Comprehensive guide to application screens, functionalities, and user interactions

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Sign In

Description: The Sign In screen provides secure user authentication for accessing the Civil QC Application. It features email and password fields with real-time validation and error handling.



Sign In Screenshot

Navigation

Accessible from the root URL when not authenticated. Redirects to dashboard upon successful login.

Key Functionalities

Email and password authentication

Form validation with error messages

Remember me functionality

Forgot password link

Responsive design for all devices

User Interactions

- Click "Sign In" button to authenticate
- Click "Forgot Password?" to reset password
- Click "Sign Up" to create new account
- Form validates input in real-time

Usability Tips

- Use a strong, unique password
- Check "Remember me" for persistent sessions

- Contact support if login issues persist

Sign Up

Description: The Sign Up screen allows new users to register for the Civil QC Application with email verification and account creation.



Sign Up Screenshot

Navigation

Accessible from sign-in screen or direct URL. Redirects to email verification after registration.

Key Functionalities

New user registration

Email verification process

Password strength validation

Terms and conditions acceptance

Account activation workflow

User Interactions

- Fill in all required fields
- Accept terms and conditions
- Click "Sign Up" to create account
- Check email for verification link

Usability Tips

- Use a valid email address for verification
- Create a strong password (8+ characters)

- Read terms and conditions carefully

Forgot Password

Description: Password recovery screen that sends reset instructions to the user's registered email address.



Forgot Password Screenshot

Navigation

Accessible from sign-in screen. Returns to sign-in after email submission.

Key Functionalities

Password reset email sending

Email validation

Security token generation

Reset link expiration handling

User Interactions

- Enter registered email address
- Click "Reset Password" button
- Check email for reset instructions
- Follow reset link in email

Usability Tips

- Use the email address associated with your account
- Check spam folder if email doesn't arrive
- Reset links expire after 24 hours

Dashboard

Description: Main dashboard providing quick access to core application features and project overview.



Dashboard Screenshot

Navigation

Default authenticated landing page. Cards link to respective sections.

Key Functionalities

Project creation and management

Quick action cards

User profile display

Theme and language switching

Logout functionality

User Interactions

- Click "Create New Project" to start project setup
- Click "My Projects" to view project list
- Use theme toggle for dark/light mode
- Select language from dropdown
- Click logout to sign out

Usability Tips

- Use dashboard cards for quick navigation
- Switch themes based on lighting conditions

- Language settings persist across sessions

My Projects

Description: Comprehensive project listing with filtering, sorting, and management capabilities.



My Projects Screenshot

Navigation

Accessible from dashboard. Individual projects link to detail views.

Key Functionalities

Project listing with pagination

Search and filter functionality

Project status indicators

Bulk operations support

Export capabilities

User Interactions

- Use search bar to find projects
- Apply filters by status or date
- Click project cards for details
- Use action menus for project operations

Usability Tips

- Use filters to quickly find specific projects
- Project status colors indicate completion level
- Regularly review project statuses

Project Information

Description: Project creation and information management screen with comprehensive form fields.



Project Information Screenshot

Navigation

Accessed when creating new projects. Part of multi-step project setup.

Key Functionalities

Project basic information entry

Form validation and saving

Auto-save functionality

Progress tracking

Data persistence

User Interactions

- Fill in project details
- Navigate between form sections
- Save progress at any time
- Continue to next setup steps

Usability Tips

- Complete all required fields for full functionality
- Use descriptive project names
- Save frequently to avoid data loss

Project Actions

Description: Project management interface providing access to all project-related operations.



Project Actions Screenshot

Navigation

Central hub for project operations. Links to excavation, basics, and other modules.

Key Functionalities

Project editing and deletion

Navigation to project modules

Status updates

Project sharing options

Activity logging

User Interactions

- Select actions from menu
- Navigate to specific project screens
- Update project information
- Manage project permissions

Usability Tips

- Review all options before making changes
- Use breadcrumbs for navigation context
- Changes are saved automatically

Excavation Screen

Description: Specialized screen for excavation quality control with measurement tracking and documentation.



Excavation Screen Screenshot

Navigation

Accessed from project actions. Part of quality control workflow.

Key Functionalities

Excavation depth measurements

Soil type classification

Compaction test results

Photo documentation upload

Real-time validation

Quality checkpoints

User Interactions

- Enter measurement data
- Select soil classifications
- Upload supporting photos
- Complete quality checkpoints
- Save and validate entries

Usability Tips

- Take clear, well-lit photos
- Double-check measurements before saving

- Complete all required checkpoints

Basics Screen

Description: Fundamental project setup screen for basic configuration and initial parameters.



Basics Screen Screenshot

Navigation

Early step in project creation. Leads to specialized screens.

Key Functionalities

Basic project configuration

Initial parameter setup

Foundation settings

Standard compliance checks

Setup validation

User Interactions

- Configure basic project settings
- Set initial parameters
- Validate setup requirements
- Proceed to detailed configurations

Usability Tips

- Review all settings carefully
- Ensure compliance with standards
- Save progress before leaving

White Concrete Screen

Description: Specialized quality control screen for white concrete mixing and curing processes.



White Concrete Screen Screenshot

Navigation

Accessed from basics screen. Specialized concrete quality control.

Key Functionalities

Concrete mix specifications

Strength testing results

Temperature monitoring

Curing conditions tracking

Quality checkpoints

Documentation requirements

User Interactions

- Enter mix specifications
- Record test results
- Monitor temperature readings
- Document curing conditions
- Complete quality assessments

Usability Tips

- Monitor temperature continuously
- Record all test results accurately

- Follow curing protocols strictly

Home Screen

Description: Project home screen showing summary information and recent activities.



Home Screen Screenshot

Navigation

Project-specific home page. Provides overview and quick actions.

Key Functionalities

Project summary display

Recent activity feed

Quick access links

Status overview

Navigation shortcuts

User Interactions

- Review project summary
- Access recent activities
- Use quick navigation links
- Monitor project status

Usability Tips

- Check activity feed regularly
- Use shortcuts for frequent tasks
- Monitor status indicators

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For technical support, contact: support@civilqc.com