

# BDC - Billion Dollar Contractor Solar Dashboard

## Website Flow

flowchart TD A[Homepage] --> B[About Page] A --> C[Services Page] A --> D[Client Dashboard] A --> E[Case Studies] C --> F[Growth Accelerator] C --> G[ContractorScale AI] C --> H[Sales Dashboard] D --> I[Sales Metrics] D --> J[Team Performance] D --> K[Lead Analytics] E --> L[Semper Solaris Case] A --> M[Login Page] M --> D A --> N[30 Day Roof Challenge] classDef completed fill:#4CAF50,stroke:#388E3C,color:white; classDef active fill:#2196F3,stroke:#1976D2,color:white; classDef pending fill:#9E9E9E,stroke:#757575,color:white; class A,B,C,E,L completed; class D,F,G,H,N active; class I,J,K,M pending;

## AI Recommendations

- ☐ **A1:** Consider adding testimonial carousel to homepage
- ☐ **A2:** Review mobile navigation for usability improvements
- ☐ **A3:** Optimize images for better page loading performance
- ☐ **A4:** Implement progress tracking for 30 Day Roof Challenge
- ☐ **A5:** Add social sharing capabilities to case studies

## Active Tasks

- ☐ **19:** Create dashboard for Roof Challenge participants
- ☐ **20:** Design email templates for lead nurturing
- ☐ **21:** Implement A/B testing for landing pages

- ☐ **22:** Set up Google Analytics 4 tracking
- ☐ **23:** Create content calendar for blog posts

## Backlog

- ☐ **B1:** Implement blog infrastructure
- ☐ **B2:** Create content categorization system
- ☐ **B3:** Develop resource download capabilities
- ☐ **B4:** Set up newsletter signup integration
- ☐ **B5:** Implement case study template
- ☐ **B6:** Develop results visualization components
- ☐ **B7:** Add testimonials integration
- ☐ **B8:** Create video testimonial support
- ☐ **B9:** Implement multi-step interactive quiz
- ☐ **B10:** Develop PDF report generation for quiz
- ☐ **B11:** Set up analytics for 30 Day Roof Challenge
- ☐ **B12:** Create before/after gallery for Roof Challenge results

## Completed Tasks

- ☒ **1:** Create repository and set up initial project structure
- ☒ **2:** Set up CI/CD pipeline for automatic deployment
- ☒ **3:** Implement responsive design for all pages
- ☒ **4:** Configure Tailwind and shadcn/ui for styling

- ✓ **5:** Create navigation and layout components
- ✓ **6:** Implement basic routing with React Router
- ✓ **7:** Build homepage with key messaging
- ✓ **8:** Develop About page with team information
- ✓ **9:** Create initial services overview page
- ✓ **10:** Deploy website to production environment

## **Environment Setup**

- React: Frontend library for building user interfaces
- TypeScript: Typed JavaScript for improved developer experience
- Tailwind CSS: Utility-first CSS framework
- Shadcn/UI: Component library built on Radix UI
- Vite: Build tool and development server
- Node.js: JavaScript runtime for server-side code
- Git: Version control system
- GitHub: Source code hosting and CI/CD integration

## **Significant Changes Log**

**2023-04-01**

- Updated dashboard components with real data visualization
- Fixed responsive design issues on mobile devices
- Implemented AI recommendations system
- Initiated 30 Day Roof Challenge landing page project

**2023-03-31**

- Completed Services page with pricing tiers
- Fixed navigation links
- Rebuilt dist folder for deployment
- Updated Home page components

**2023-03-30**

- Implemented Blueprint dashboard component
- Created Sales dashboard visualization
- Added ContractorScale AI tiers description
- Deployed initial version to production



## Items Needed

- Professional headshots for team section
- Complete case study content for Semper Solaris
- Additional testimonials from clients
- SEO keywords and meta descriptions for all pages
- Logo variations for different backgrounds
- Roof transformation photos for 30 Day Challenge
- Testimonials from previous roof project clients



## Reminders

- Push changes to GitHub after major updates:

```
git add .  
git commit -m "Description of changes"
```

```
git push origin main
```

- Run builds and check for errors before deployment
- Test all links and forms before pushing to production
- Update the changelog with significant changes
- Review responsive design on mobile, tablet, and desktop