**Dynamic Blog App**

**Level 0: Context Diagram**

**Overview:**

The Dynamic Blog App allows users to navigate through different pages, read blog posts, and view dynamic content like flower images with quotes. It uses React Router for navigation and Styled Components for UI design.

**Entities & Processes:**

User → Navigates between pages and reads blog posts.  
 Dynamic Blog App (Process 1.0) → Manages navigation, post rendering, and UI styling.  
 Database (Data Store) → Stores blog posts, images, and quotes.

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| User |

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| Dynamic Blog App |

| (Process 1.0) |

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| Database |

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**Level 1: Detailed Breakdown**

Process 1.1 - Navigation (React Router): Handles page routing for Home, About, Contact, and Posts.  
Process 1.2 - Home Page (Home.js): Displays featured blog posts.  
Process 1.3 - About Page (About.js): Shows blog-related information.  
Process 1.4 - Contact Page (Contact.js): Allows user inquiries.  
Process 1.5 - Dynamic Posts (Posts.js): Fetches and displays posts, images, and quotes.  
Process 1.6 - Styled Components (StyledComponents.js): Enhances UI.

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| Process 1.1 - Navigation |

| (React Router) |

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| Process 1.2 - Home Page |

| (Home.js) |

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| Process 1.3 - About Page |

| (About.js) |

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| Process 1.4 - Contact Page |

| (Contact.js) |

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| Process 1.5 - Dynamic Posts |

| (Posts.js) |

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| Process 1.6 - Styled Components |

| (StyledComponents.js) |

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**Data Flow:**

Step 1: The User navigates using React Router.  
 Step 2: The Home Page loads featured blog posts.  
 Step 3: The About Page displays blog information.  
 Step 4: The Contact Page allows user inquiries.  
 Step 5: The Posts Page fetches and renders blog posts, flower images, and quotes dynamically.  
 Step 6: The UI is styled using Styled Components.