**Data Flow Diagram for dynamicapp**

Level 0(Context Diagram):

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| External Entity: User |

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| User Actions (Navigation)

V

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| React Router App |

| (Process: 1.0) |

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| Route Information

V

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| Data Store: |

| - Route Data |

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Explanation:

* Shows the user interacting with the "React Router App" process.
* The app primarily manages "Route Data," which determines which component to display

Level 1(Decomposition of Process 1.0):

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| External Entity: User |

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| User Actions (Navigation)

V

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| Process: 1.1 - |

| Route Navigation |

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| Route Information

V

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| Data Store: |

| - Route Data |

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| Route Data

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| Process: 1.2 - |

| Component Rendering |

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| Displayed Content

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| External Entity: User |

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Explanation:

* Breaks down the app into two processes:
* "Route Navigation": Handles user navigation (clicking links) and updates the current route.
* "Component Rendering": Based on the active route, this process renders the appropriate component (Home, About, Contact, Post, or NotFound).

Key points:

* This DFD illustrates how user navigation actions drive the data flow.
* The main data being processed is "Route Data," which determines the content displayed.
* This is a simplified representation, and for a more complex app, you might have additional processes (e.g., data fetching, user authentication) and data stores.