**Dynamic\_page**

**Level 0 (Context Diagram):**

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| External Entity: User |

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| Process: React App |

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| Data Store: Component |

| State |

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**Explanation:**

* **External Entity (User):** The individual interacting with the application through a web browser.
* **Process (React App):** The React application managing user interactions, routing, and state.
* **Data Store (Component State):** The internal state within React components that holds data such as form inputs and navigation status.

**Level 1 DFD (Decomposition of React App Process):**

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| External Entity: User |

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| Process: 1.1 - User |

| Interaction |

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| Process: 1.2 - React |

| Router |

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| Process: 1.3 - Component |

| Rendering |

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| Data Store: Component |

| State |

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**Explanation:**

* **Process 1.1 (User Interaction):** Captures user actions, such as clicking on navigation links or submitting forms.
* **Process 1.2 (React Router):** Manages routing based on user interactions, determining which component to render.
* **Process 1.3 (Component Rendering):** Renders the appropriate component based on the current route and updates the UI accordingly.
* **Data Store (Component State):** Maintains the state specific to each component, such as form data or fetched information.