**Level 0 (Context Diagram)**

At the highest level, the **Navigation System** consists of a single process that allows the user to switch between pages.

+----------------------+

| External Entity |

| (User) |

+----------------------+

|

v

+----------------------+

| Navigation System |

| (Process: 1.0) |

+----------------------+

|

v

+----------------------+

| Data Store: Pages |

+----------------------+

**Explanation:**

* **External Entity (User):** The user interacts with the navigation system.
* **Process (Navigation System):** The app processes user input and navigates between pages.
* **Data Store (Pages):** The system retrieves and displays content from **Home** and **About** pages.

**Level 1 DFD (Decomposition of Navigation System - Process 1.0)**

+----------------------+

| External Entity |

| (User) |

+----------------------+

|

v

+----------------------+

| Process: 1.1 - Click Link |

+----------------------+

|

+--------------------------+ +--------------------------+

| Process: 1.2 - Show Home |-->| Process: 1.3 - Show About |

+--------------------------+ +--------------------------+

|

v

+----------------------+

| Data Store: Pages |

+----------------------+

**Explanation:**

1. **Process 1.1 (Click Link):**
   * The user clicks either **Home** or **About**.
2. **Process 1.2 (Show Home Page):**
   * If the user selects **Home**, the system loads the **Home Page**.
3. **Process 1.3 (Show About Page):**
   * If the user selects **About**, the system loads the **About Page**.
4. **Data Store (Pages):**
   * The system retrieves and displays the correct page content.

**Data Flow**

* The **User** interacts with the **navigation menu**.
* **React Router** processes the **route selection**.
* The system retrieves content from the **Pages Data Store**.
* The correct **page (Home or About)** is displayed.

**Additional Notes:**

* **React Router** is used to switch between pages dynamically.
* **Navigation Links** (<Link to="/"> and <Link to="/about">) allow users to navigate.
* Future enhancements could include:
  + More pages (e.g., Contact, Services)
  + Adding a **404 Not Found** page
  + Styling for better UI/UX