**Level 0 (Context Diagram)**

At the highest level, the system consists of a single process representing the **Navigation System**.

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| External Entity |

| (User) |

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| Simple Navigation |

| (Process: 1.0) |

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| Data Store: Pages |

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**Explanation:**

* **External Entity (User):** The user interacts with the **Navigation App** by clicking on links.
* **Process (Simple Navigation System):** The app allows users to navigate between pages.
* **Data Store (Pages):** The system retrieves and displays content from **HomePage** and **AboutPage**.

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

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| External Entity |

| (User) |

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| Process: 1.1 - Navigate |

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

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| Data Store: Pages |

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**Explanation:**

1. **Process 1.1 (Navigate):**
   * The user clicks on a link in the **navigation menu**.
2. **Process 1.2 (Display Home Page):**
   * If the user selects **Home**, the system loads **HomePage** content.
3. **Process 1.3 (Display About Page):**
   * If the user selects **About**, the system loads **AboutPage** content.
4. **Data Store (Pages):**
   * The system retrieves and displays the appropriate page content.

**Data Flow**

* The **User** interacts with the **Navigation Menu**.
* The system **routes** to the corresponding page using **React Router**.
* The system retrieves content from the **Pages Data Store**.
* The **selected page** (Home or About) is displayed.

**Additional Notes:**

* **React Router** manages page transitions without reloading.
* **CSS (studies.css)** ensures styling is consistent across pages.
* Future enhancements could include:
  + More pages (e.g., Contact, Services, Blog)
  + Dynamic content loading
  + API integration for fetching data