

## Install Pencil:

### 1. Download Pencil:

- Open your web browser and go to the Pencil Project website.
- Download the Linux version suitable for your Parrot OS architecture. Choose either the Debian package or the generic Linux version based on your system (32-bit or 64-bit).

### 2. Install Dependencies:

- Open a terminal on your Parrot OS.
- Update the package list:

```
bash
```

- `sudo apt-get update`

- Install the default Java Runtime Environment (JRE) if it's not already installed:

```
bash
```

- `sudo apt-get install default-jre`

- **Navigate to the Downloaded Package:**

- Open a terminal and go to the directory where you downloaded the Pencil installer. You can use the `cd` command to navigate to the directory.

- **Install Pencil:**

- Install the Pencil .deb package using the following command (replace `pencil-installer.deb` with the actual file name you downloaded):

```
bash
```

- `sudo dpkg -i pencil-installer.deb`

- **Resolve Dependencies (if needed):**

- If there are dependency issues, run the following command to fix them:

```
bash
```

- `sudo apt-get -f install`

- **Launch Pencil:**

- You can now launch Pencil by typing the following command in the terminal:

```
bash
```

- `pencil`

- Alternatively, you can find Pencil in your application menu.

## **Create a Simple Prototype:**

### **1. Open Pencil:**

- When Pencil opens, click on "Create a New Project."

### **2. Create Pages:**

- In the "Pages" pane on the left, add pages for each section of your project (Main Dashboard, Subjects, Students, Transcripts, Form 3 & Form 4, Technologies, Professionalism).

### **3. Design Components:**

- Use the drawing tools in Pencil to create UI components. For example, you can draw rectangles for buttons, text boxes for text, and tables for data representation.

### **4. Link Pages:**

- Use the "Link" tool to connect pages and simulate the navigation flow. Right-click on an element (e.g., a button), select "Add Link," and choose the target page.

### **5. Add Text and Annotations:**

- Include relevant text and annotations using the text tool to explain each section or component.

### **6. Preview:**

- Click on the "Preview" button to see how your prototype looks and interacts.

### **7. Export:**

- If you're satisfied with your prototype, you can export it. Pencil allows you to export your project as a standalone HTML file. Click on "File" -> "Export" -> "HTML" to create an HTML file that you can share.

Remember, Pencil is a basic prototyping tool, and for more sophisticated designs, you might want to explore other tools with advanced features. Additionally, for actual development, you would need to use HTML, CSS, and JavaScript along with backend technologies based on the project requirements.