**📊 2. Dashboard Page Design**

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

| 🏫 SCHOOL HOLOGRAM ADMIN PANEL |

|------------------------------------------------------|

| [ Home ] [ Manage Data ] [ Settings ] [ Logout ] |

|------------------------------------------------------|

| 📈 Recent Activity / Logs |

|------------------------------------------------------|

| Q: What is the schedule of Dr. Cruz? |

| A: Dr. Cruz teaches M/W/F 10AM - 12PM. |

|------------------------------------------------------|

| Q: Delete all data |

| A: ⚠️ Prohibited prompt blocked |

|------------------------------------------------------|

| [ View More Logs ] |

| ⚠️ 5 prohibited prompts detected this week |

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

✅ You can display logs, blocked prompts, and system messages here.

**📂 3. Manage School Data Page (Professors/Events)**

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

| 📚 Manage School Data |

|------------------------------------------------------|

| 🔘 Professors 🔘 Events 🔘 FAQs |

|------------------------------------------------------|

| Name | Department | Email | Edit |

|------------------------------------------------------|

| Dr. Cruz | CS Dept | cruz@school.edu | [✏️] |

| Mr. Santos | Math Dept | santos@sch.edu | [✏️] |

|------------------------------------------------------|

| [ + Add New Entry ] |

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

💡 Clicking **Edit** opens a popup/modal or separate form.

**⚙️ 4. System Settings Page (Optional)**

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

| ⚙️ System Settings |

|------------------------------------------------------|

| 🔄 Restart AI Model [ Restart ] |

| 🧠 Reload School Data [ Reload JSON ] |

| 🚫 Delete Logs [ Delete All Logs ] |

|------------------------------------------------------|

| ⚠️ Danger Zone - Developer Access Only |

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

**🧑‍💻 Optional Popup Modal for Editing a Professor**

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

| Edit Professor Info |

|--------------------------|

| Name: [\_\_\_\_\_\_\_\_\_\_\_] |

| Department:[\_\_\_\_\_\_\_\_\_\_\_] |

| Email: [\_\_\_\_\_\_\_\_\_\_\_] |

| Office: [\_\_\_\_\_\_\_\_\_\_\_] |

| [ Save Changes ] |

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

**📱 Responsive Design**

Make sure your layout works on:

* Tablets
* Laptops
* Small screens (phones, if necessary)

Use **media queries** in CSS to stack columns vertically on small screens.

**🛠 Tools You Can Use**

| **Task** | **Recommended Tool** |
| --- | --- |
| Frontend UI | HTML + CSS (or Bootstrap) |
| Templates | Flask + Jinja2 |
| Icons | Font Awesome or emojis 😊 |
| Responsive layout | CSS Flexbox / Grid |
| Optional UI Framework | Bootstrap 5 (lightweight) |

**✅ Want a ready-made HTML/CSS template?**

I can:

* Provide a full working **HTML + CSS starter pack**
* Include it with Flask routes (login, dashboard, data)
* Include a placeholder for logs and a JSON data editor

Just say: **"Give me the admin UI code pack"** and I’ll generate it all for you in one go.

Would you like that?

**You said:**

can we use tablet as a keyboard for asking a question

**ChatGPT said:**

Yes — you **can definitely use a tablet as a keyboard/input device** for your capstone project, to allow users to **type their questions** into the AI hologram system. It’s a smart and user-friendly idea, especially if speech input isn’t always reliable (e.g., due to background noise).

**✅ How You Can Use a Tablet as an Input Device**

**✔️ Option 1: Use the Tablet as a Web-Based Keyboard**

**How it works:**

* The tablet runs a **local web app** (hosted by your system, like Raspberry Pi).
* The user opens a browser (e.g., Chrome) on the tablet and sees a **question input page**.
* When the user types a question and clicks "Ask", it sends the input to your AI backend.
* The AI processes the question, and the hologram (OLED + speaker) responds with the answer.

**💡 Example Workflow:**

[User types question on tablet browser]

↓

[Tablet sends the question via HTTP to Raspberry Pi AI system]

↓

[AI processes it using LLaMA + school data]

↓

[Hologram speaks answer + displays text if needed]

**⚙️ What You Need to Build This**

| **Component** | **How to Set It Up** |
| --- | --- |
| **Tablet browser** | Use Chrome or Safari on any tablet |
| **Web input form** | Simple HTML page with a form (/ask endpoint) |
| **Flask backend** | Runs on your Raspberry Pi, listens for form submissions |
| **Communication** | Tablet and Pi must be on same local Wi-Fi network |
| **Security (optional)** | Add login or PIN so only allowed users can ask questions |

**🧪 Sample HTML UI for Tablet (Question Input)**

<!-- ask.html -->

<!DOCTYPE html>

<html>

<head>

<title>Ask the Hologram</title>

<meta name="viewport" content="width=device-width, initial-scale=1.0">

</head>

<body style="font-family: sans-serif; padding: 20px;">

<h2>Ask a Question</h2>

<form method="POST" action="/ask">

<input type="text" name="question" placeholder="Type your question..." style="width: 90%; padding: 10px;" required>

<br><br>

<button type="submit" style="padding: 10px 20px;">Ask</button>

</form>

</body>

</html>

**🧠 Flask Route Example (app.py)**

from flask import Flask, request, render\_template

app = Flask(\_\_name\_\_)

@app.route('/')

def home():

return render\_template('ask.html')

@app.route('/ask', methods=['POST'])

def ask():

question = request.form['question']

print(f"User asked: {question}")

# → Call your LLaMA model here and process answer

# → Then trigger hologram TTS and video

return "Answering your question..." # Optional feedback

**✅ Advantages of Using a Tablet as a Keyboard**

| **Benefit** | **Why It’s Useful** |
| --- | --- |
| User-friendly | People already know how to type on tablets |
| No external keyboard needed | Saves cost, space, and hardware setup |
| Flexible interface | You can add other buttons, voice toggle, etc. |
| Works even in noisy environments | Avoids failed speech recognition |

**📱 Summary**

✅ **Yes**, a tablet can be used as a question input keyboard.

* Set up a **local web interface** on the tablet.
* Submit questions to your AI system hosted on the backend unit (e.g., Raspberry Pi).
* Let the hologram speak and respond through speaker + display.

Would you like me to generate the **complete code (HTML + Flask backend)** so you can test it on your local network with a tablet?

Just say **“Give me the tablet input code”** — and I’ll set you up!