✅ Task Brief for Edusaint Web Development Internship

Objective:

Create a Flask web app that lets users **submit school reviews** and view all reviews. Data must be saved in a **MySQL database**.

Skills Tested:

- Flask routing and templating
- MySQL database integration
- HTML form handling
- Bootstrap layout
- Python code structure

🛠 Task Instructions:

📌 1. Create a MySQL Database

Database name: `school_reviews`
Table: `reviews`

```
CREATE TABLE reviews (
  id INT AUTO_INCREMENT PRIMARY KEY,
  school_name VARCHAR(100),
  reviewer_name VARCHAR(100),
  rating INT,
  comment TEXT
);
```

📌 2. Create a Flask App with These Routes:

Route	Description
`/add-review`	Display a form with fields – School Name, Reviewer Name, Rating (1–5), Comment
`/reviews`	Fetch and display all reviews from the MySQL DB in a table format

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📋 Tech Stack to Use:

- Flask
- MySQL
- Jinja2 Templates
- Bootstrap (for simple layout)
- SQLAlchemy (optional)

🗂️ Recommended Folder Structure:

```
school_review_app/
├── app.py
├── templates/
│   ├── add_review.html
│   └── reviews.html
├── static/
├── requirements.txt
└── README.md
```

✅ Requirements:

- Working Flask app
- Reviews stored and retrieved from MySQL DB
- Clean UI using Bootstrap
- Form validation (basic)
- Use environment variables or `config.py` for DB credentials

📤 What to Submit:

1. ✅ GitHub repo link or ZIP folder
2. ✅ SQL file (`reviews.sql`) for table schema
3. ✅ Screen recording (2–3 mins) showing:
    - Form submission
    - Data showing on reviews page
    - Quick code explanation

📌 Notes:

- You can use local MySQL or remote DB like `db4free.net`
- Please do **not** hardcode credentials — use `.env` or `config.py`
- You may use SQLAlchemy or raw connector (`mysql-connector-python`)
