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Midterm Project Challenges

This midterm project has been quite a challenge for me. While creating the data tables in XAMPP and designing the front end were manageable—having done similar tasks in the past—the backend development, especially implementing the MVC pattern, has proven to be much more difficult. At the start, I chose to focus on the admin part of the project. After multiple attempts and learning from my mistakes, I was able to complete it. However, the most challenging part for me has been filtering data in public settings. Managing and retrieving data efficiently has been a hassle, and I have encountered numerous errors and issues with the page not working properly.

One crucial lesson I have learned during this project is a neat PHP trick for debugging. By adding the following code at the top of the page, I was able to see exactly where the issue in my code was, rather than just seeing a vague error message or a blank page:

```
<?php  
error_reporting(E_ALL);  
ini_set('display_errors', 1);
```

This simple code helped me identify and fix errors quickly, which saved me a lot of time during the debugging process. Despite the challenges, I am finding the project to be really interesting, and I have learned a great deal along the way. It has been a valuable experience that has improved my understanding of both the front-end and back-end aspects of web development.