Integrate and configure

A component that can be integrated and configured into the Leopard Web project is PostgreSQL which is similar to SQLite but has more functionality, designed for larger systems. PostgreSQL can be used for the scheduling system to store, retrieve and manipulate data. To integrate the PostgreSQL database, it can be directly written into the coding language that the project will be written in. Other than PostgreSQL, a user interface is the only other piece that may need to be implemented into the project. One source for a user interface is CollegeNet, which is a UI for university scheduling that is used by over 500 colleges. The PostgreSQL may need to be implemented early on, around the second or third iteration so that when users are created, their information can be stored easily. On the other hand, the UI is not as necessary to implement right away because coding must be done before that is possible.

Work Cited

Group, PostgreSQL Global Development. *PostgreSQL*, 19 May 2025, www.postgresql.org/.

CollegeNET. "Admissions, Scheduling & Virtual Classroom Software." *CollegeNET*, collegenet.com/. Accessed 19 May 2025.