

ABC Canine Shelter Reservation System Logical Design

The final logical design of the ABC Canine Shelter Reservation System shows the application with four tiers (authentication, interface, business rules, and data). Additional tiers could also be used to break a large application across multiple servers.

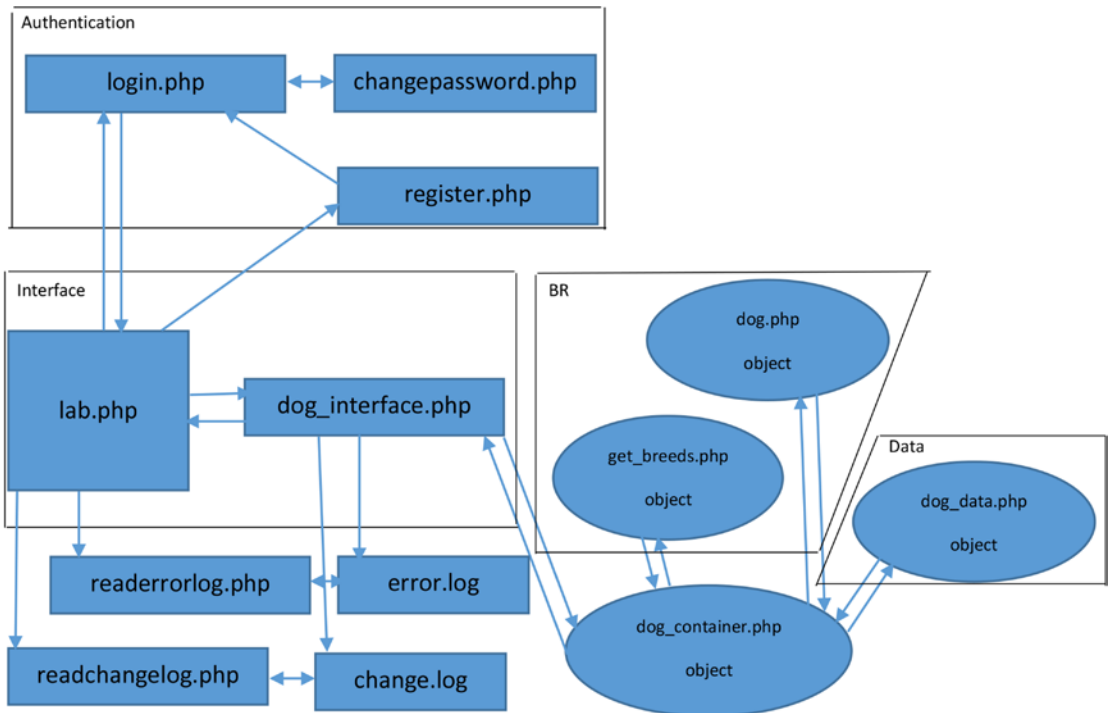


Figure 8-6. The complete ABC Canine Shelter Reservation System

In addition to the tiers, maintenance programs (readerrorlog and readchangelog) provide the ability to tighten security, fix errors, and provide backup and recovery.

Limitations

The ABC Canine Shelter Reservation System has been used as a teaching tool in this book. However, the system is not complete and ready for the real world. Many of the limitations of the system have been addressed in this book and used as exercises for you to gain further PHP programming skills. The changes shown next should be made to the system to improve the user experience, security, and performance. In addition, user testing is critical to ensure that the users of the system are satisfied. Users who are not happy with the design and performance of the system are not likely to use it.