Project Suggestions:

1. Tracking student progress through a program of study.
2. Inventory Systems (must include inventory submissions, sales, loss goods, etc.)
3. Blood Bank (must include users, types, diseases, tests performed, etc.)
4. Time clock with schedule accountability
5. Electronic Market Place (think bazar with multiple vendors, products, customers, etc.)
6. Money Manager (think quicken, quickbooks, mint, etc.)
7. Change Management (users, projects, milestones, things to track, etc.)
8. Event (Fraud) Detection[1] (this can take many forms.. one might be detecting credit card fraud by examining geo-location of purchases and one might be web site attack correlation.)
9. Firewall / Connection Metrics[1] (show me charts of top ports used, top IP used, top drops, etc.) I can probably provide an example report if you it would help.
10. Web site usage reports[1] (This requires that you have a real web site; you would need to show how many hits you received over time, times of day that were busiest, and at least 2-3 other relevant charts / data points.)
11. SSH / AUTH LOG Analysis[1] (You would need to show the top users by logins, top failures by user, top failures by IP address, etc.)
12. Dating / Friendship pairing site (Think: match.com)
13. Shared calendar for team activities.

[1] *You will likely need to write a shell script to load data into the database for analysis.*

Data Requirements:

I require every database to have data! The key tables should have 50-100 records. Supporting tables should have at least 5 records.

Helpful Insight:

Because this is a database class, the project goals, deliverables, etc. should be data and database centered. The final project should look nice but, understand, the evaluation is heavily weighted to the quality of the data and database.