# Poker Buddy

Online Communal Data
Repository
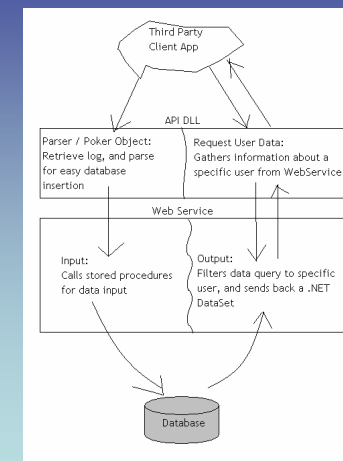
# Innovation Needed

- Poker has exploded on the internet and many tools exist to exploit gathered player statistics.
- Most data repositories are proprietary and limit innovation
- No easy access to statistics and current solution carries statistics on only a fraction of players out there.
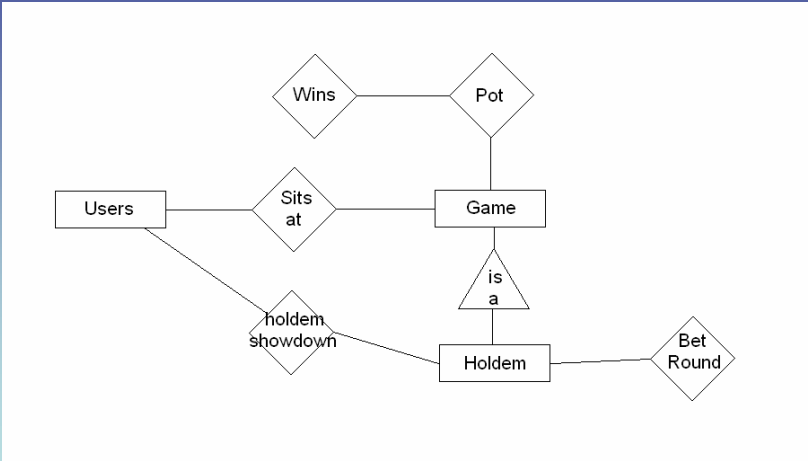
# USERS?

- Appeals to 2 core users
  - Developers looking for easy data framework to build applications.

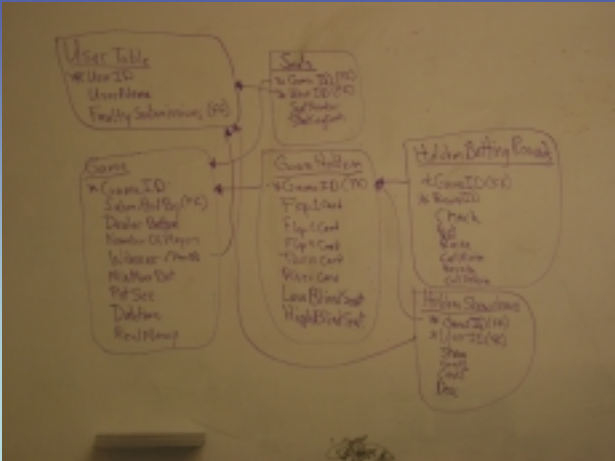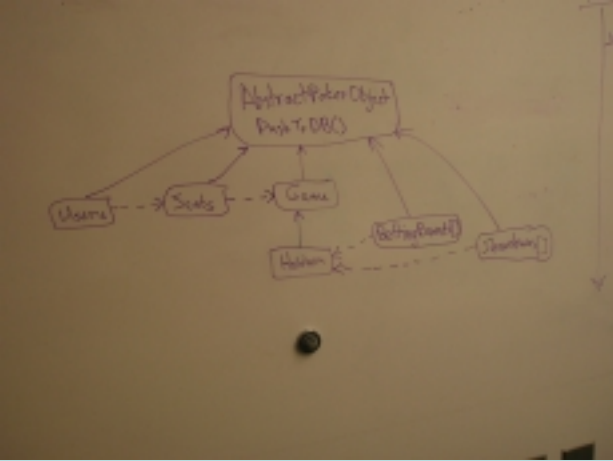  - End Users looking for more inexpensive access to data

# Top Level View Diagram

# Database E/R Diagram

Wins — Pot

Users — Sits at — Game

Game — is a — Holdem

holdem showdown

Holdem — Bet Round

# Database Schema

# Abstract Poker Object

# Parsing to PokerObjects

Tree of Parser Nodes

Tree of Parser Nodes | Tree of Parser Nodes

Tree of Parser Nodes | Tree of Parser Nodes . . .

Translate into more meaningful classes

Game Node

Users Node | Holdem Node

Seats Node | Betting Rounds Node . . .
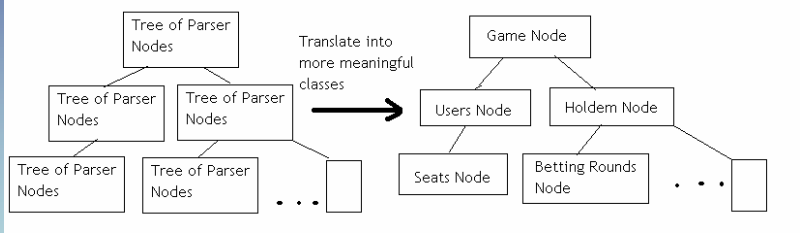
## Object Interactions
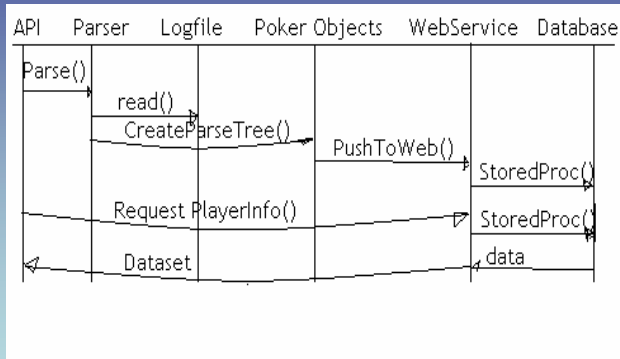


## Risks

- Parser tool not living up to expectations?
- Learning curve involved with implementation
- Table designs robust enough to attract varied users, but easy enough to use and understand

## Development Structure

- Division into 2 development teams
  - Beta Team 1
    - Phil
    - Jason
    - Brian
  - Beta Team 2
    - Jeremy
    - Erik
    - Geoff

## Development Schedule

| Piece | Team Assigned | Due Date |
|---|---|---|
| Database Design and Input Stored Procedures | Team 1 | Sat. 2/5 |
| Lexical Analysis Module | Team 2 | Wed 2/9 |
| Parser | Team 2 | Sat 2/12 |
| Web Service Input Functionality | Team 1 | Sat 2/12 |
| Poker Objects | Everyone | Tues. 2/15 |
| Testing | Everyone | 2/16-2/17 |
| Beta Release | Everyone | Fri. 2/18 |
| Design Review and Analysis | Everyone | Fri. 2/18 |
| Database Output Stored Procedures | Pending | Pending |
| Data Set Construction in Web Service | Pending | Pending |
| DLL Integration with Data Set | Pending | Pending |
| Testing | Everyone | 3/2-3/3 |
| Final Release | Everyone | Fri. 3/4 |