ShifterMan - Block Diagram

Team members

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GUI Layer (HTML)

* Login Form
* Separated Worker/Manager GUI
* Convenient Representation of Data



Connection Layer

* Open Connection with the SQL Server
* Generate Queries for the SQL Server
* Propagate Information between Logic and Data Base Layer

Data Base (Manager)

* All workers information
* Weekly shift options of every worker

Data Base (Worker)

* His own weekly shift options
* His own information

Data Base Layer (SQL)

* Workers/Managers Information
* Organizational Information
* Weekly shift schedules and history of the shift schedules

Query/Management | Result

Request/Edit Information | Output

Logic Layer(C#)

* Manage User Requests
* Data Analysis (AI)
* Propagate Information between Connection and GUI Layer

User Commands | On-Screen Presentation Update

Manager

* Manage shift schedules
* See weekly shift schedule
* See shifts history

Worker

* Fill in your shift requests
* See the weekly shift schedule
* See shifts history

Login Form