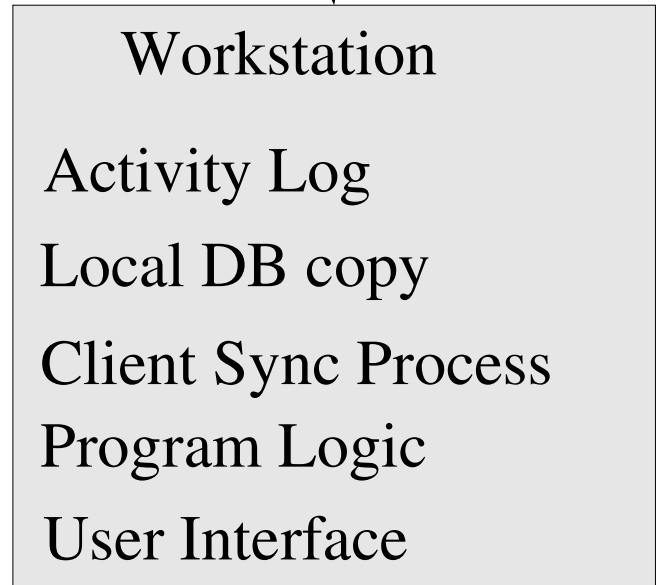
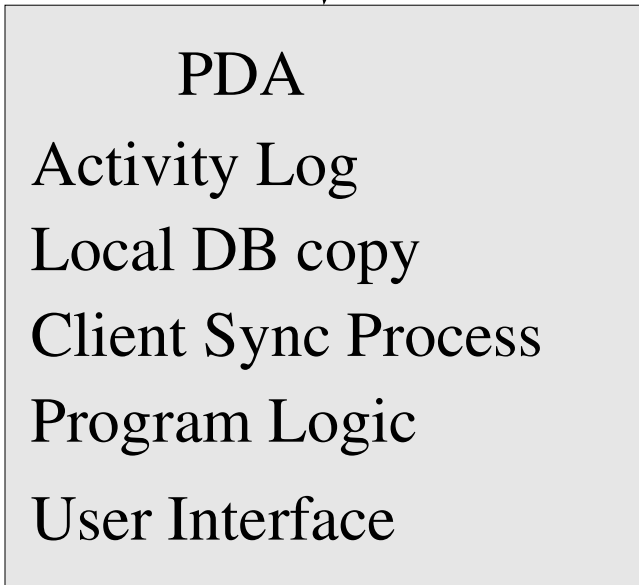
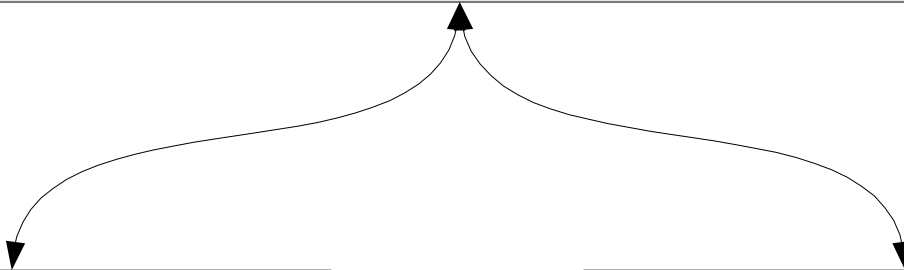
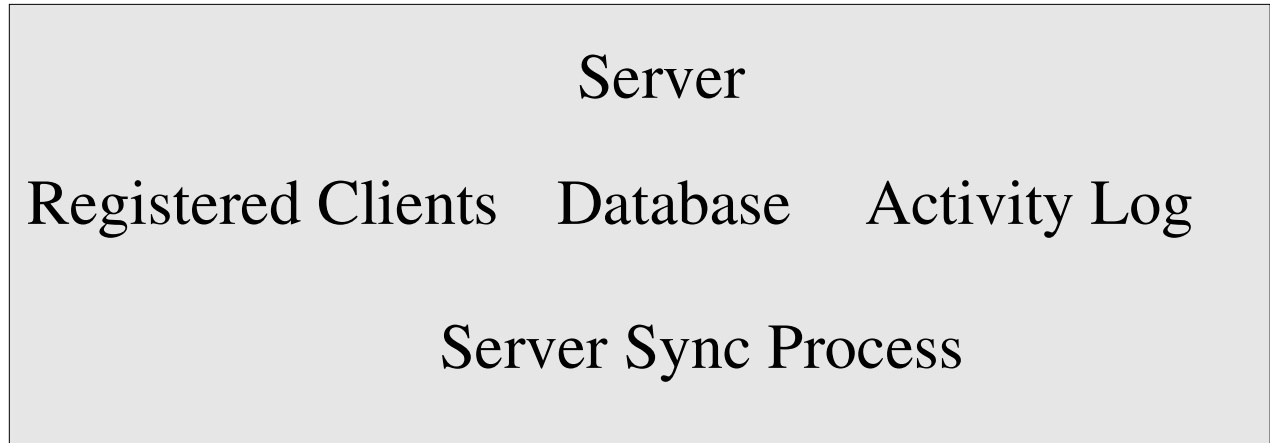
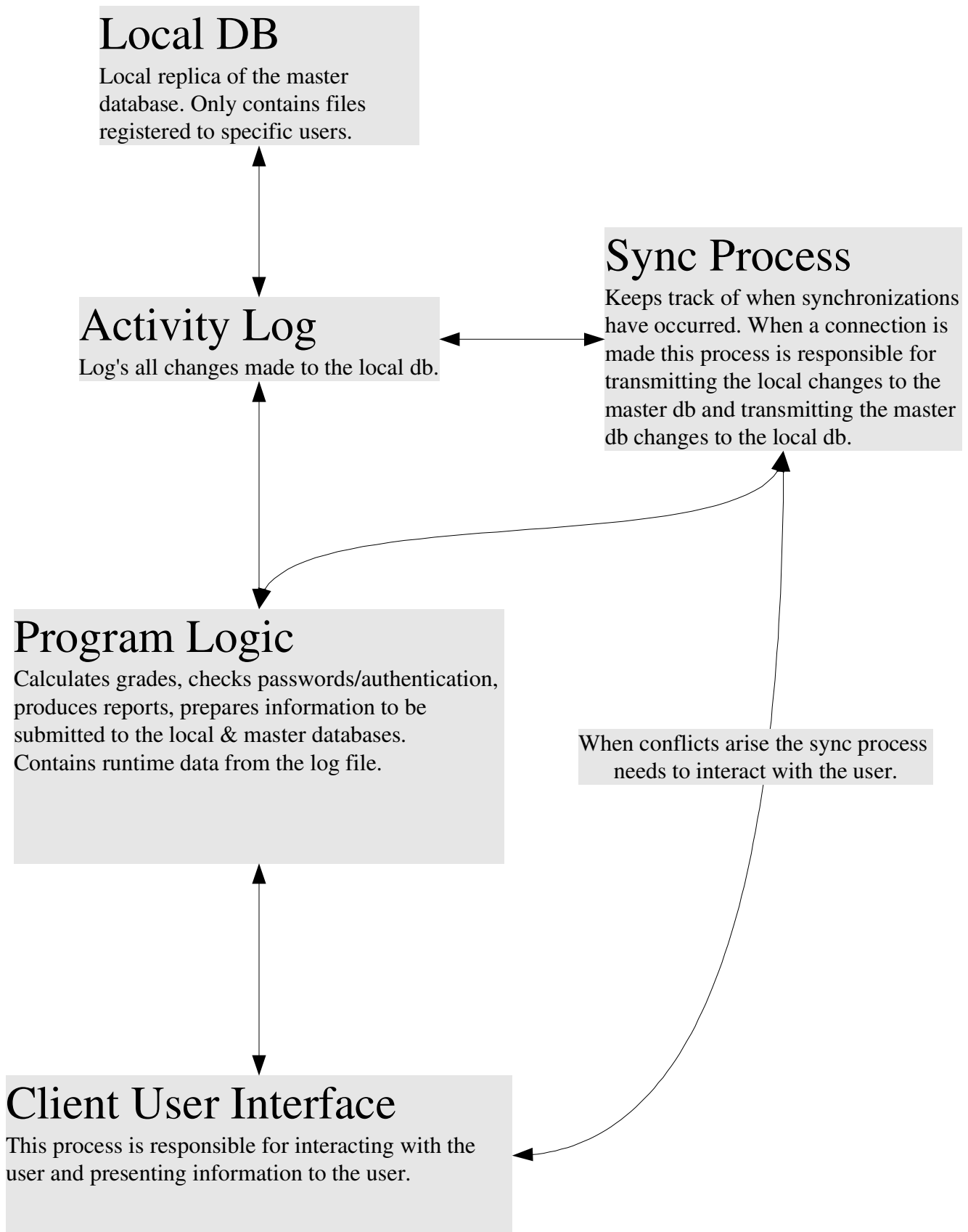


# System Interconnection



# Workstation/PDA Client Information Flow



# Workstation/PDA Program Logic Data

## Student

int StudentID  
int MasterID  
int OtherID  
cName FullName  
int Grade  
cPhone Phone  
cEmail Email  
cAddress Address

## ID

Used to make sure ID numbers are unique.  
Keeps a list of all numbers used.  
3 Instances: users (teacher/student),  
Class, Assignment

## Teacher

int Teacher ID  
int Master ID  
int Other ID  
cName FullName  
cPhone Phone  
cEmail Email  
cAddress Address

## Class

Class ID/Master ID/Other ID  
Teacher (class)  
Description (class)  
Students (array of classes)  
Assignments (array of classes)  
Attendance (array of classes)  
Lesson Plans (array of classes)

## Journal

int Journal ID  
char \* Note

## Preferences

Zero's as exempt  
Drop lowest scores

## Attendance

int StudentID  
time\_t Date  
eAttendCode Code  
char \* Comment

## Lesson Plan

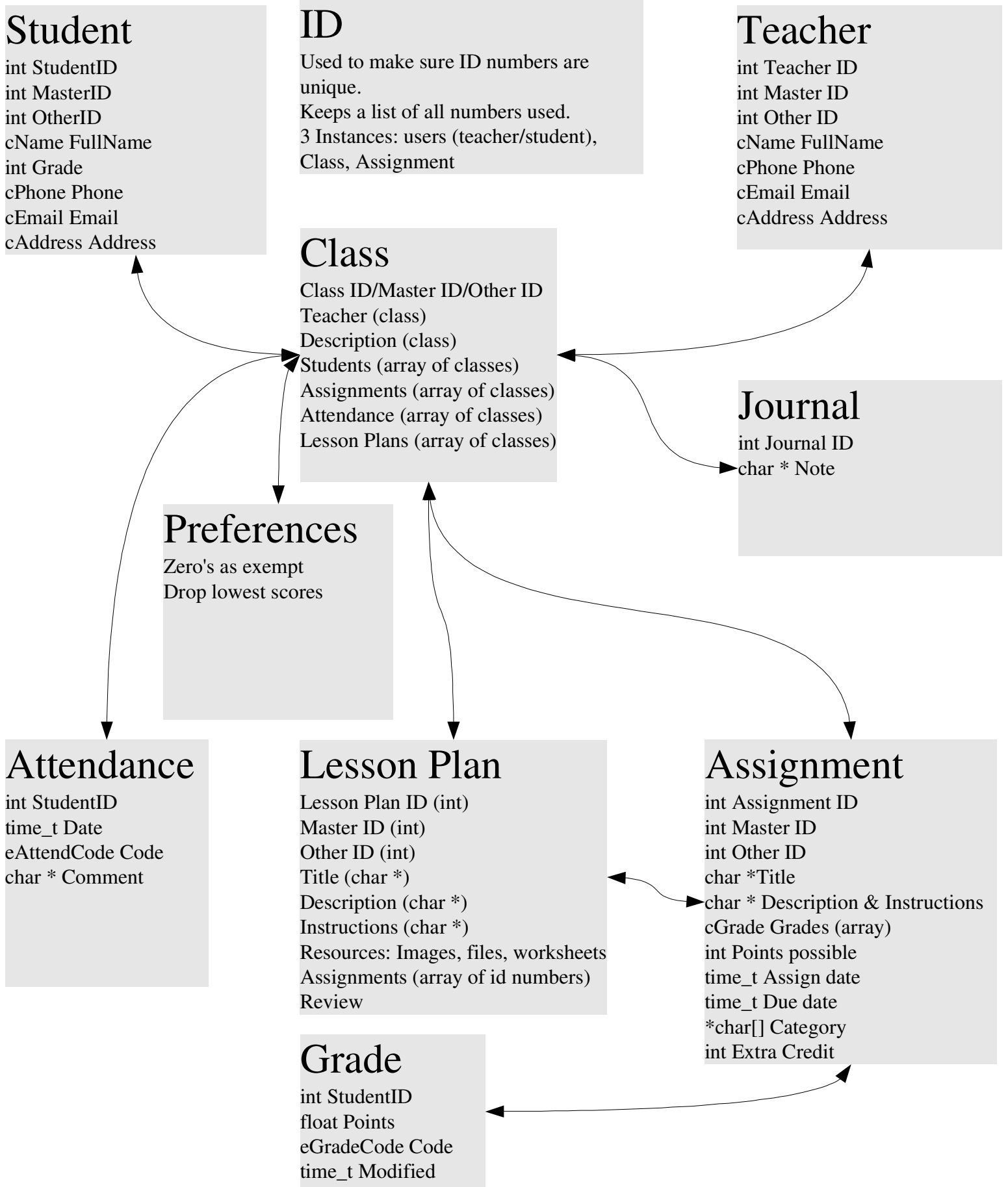
Lesson Plan ID (int)  
Master ID (int)  
Other ID (int)  
Title (char \*)  
Description (char \*)  
Instructions (char \*)  
Resources: Images, files, worksheets  
Assignments (array of id numbers)  
Review

## Assignment

int Assignment ID  
int Master ID  
int Other ID  
char \*Title  
char \* Description & Instructions  
cGrade Grades (array)  
int Points possible  
time\_t Assign date  
time\_t Due date  
\*char[] Category  
int Extra Credit

## Grade

int StudentID  
float Points  
eGradeCode Code  
time\_t Modified



# File Formats

cClass cAssignment cGrade cAttendance

## Class

Class ID:Master ID:Other ID

Class Name

Teacher ID

Class Description

*.(newline period delimited)*

Student Id:Student Id

# of assignments

Assignment ID

Description

*.(new line period delimited)*

Due Date

Points possible

Student ID:Points Earned:Submit code

Student ID:Points Earned:Submit code

Student ID:Points Earned:Submit code

*.(period delimits end of assignment)*

Assignment ID

Description

*.(new line period delimited)*

Due Date

Points possible

Student ID:Points Earned:Submit code

Student ID:Points Earned:Submit code

Student ID:Points Earned:Submit code

*.(period delimits end of assignment)*

*Attendance*

+Date

P:Student ID:comment;Student ID:comment

T:Student ID:comment;

TE:Student ID:comment;

A:Student ID:comment;

AE:Student ID:comment;

## Teacher

Teacher ID:Master ID:Other ID

First Name:Middle Name>Last Name

Address

Email

Phone

## Student

Teacher ID:Master ID:Other ID

First Name:Middle Name>Last Name

Address

Email

Phone