WHAT IS CLAIMED IS:

1. A method for object based data management comprising:
providing a chart showing a plurality of objects;
retrieving object based data relating to each object;
determining comparable data for the plurality of objects; and
selectively graphically overlaying the comparable data on the chart.

2. A method according to claim 1 further comprising:
allowing a user to select a specific object of interest; and
displaying object based data for the specific object of interest.

3. A method according to claim 2 further comprising:
allowing a user to edit the object based data for the specific object of interest.

4. A method according to claim 1 wherein the chart is a location based chart.

5. A method according to claim 4 wherein the location based chart is a seating chart.

6. A method according to claim 1 further comprising:
analyzing the comparable data after the data is retrieved.

7. A method according to claim 1 wherein the chart is displayed on a network enabled device.

8. A method according to claim 1 wherein the overlaying the comparable data comprises a visualization of the comparable data with respect to each physical object.

9. A system for physical object based data management comprising:
a data collection module adapted to retrieve object based data relating to each object;
a data analysis module adapted to determine comparable data for the plurality of objects; and

a display module adapted to selectively display the comparable data as a chart.

10. A system according to claim 9 wherein the data analysis module is adapted to analyze the comparable data.

11. A system according to claim 9 wherein the data collection module further comprises an input component adapted to collect data relating to the plurality of objects and store the data in a database.

12. A system according to claim 9 wherein the display module is adapted to display the chart on a network enabled device.

13. A system according to claim 9 wherein the display module is adapted to receive input from a user accessing the system through a network enabled device.

14. A system for automatic processing of attendance comprising:

an input component adapted to capture data relating to students in a classroom;

a data collection module adapted to retrieve and store data from the input component; and

a data analysis module adapted to determine attendance data based on the captured data and pre-existing data relating to the students.

15. A system according to claim 14 wherein the input component is a camera.

16. A system according to claim 14 further comprising a display module adapted to display the attendance data in relation to a seating chart of the classroom.

17. A system according to claim 14 wherein the data analysis module is adapted to aggregate the attendance data for each student over a plurality of class sessions.

Claims

1. A computer-implemented method for object based data management using a processor, the method comprising:

providing, on a display, a location-based seating chart showing a plurality of representations of persons, wherein the position of each representation of a person in the chart spatially correlates to a physical seating location of that person;

retrieving data relating to a plurality of persons from a database;

determining, via the processor, comparable data among the data relating to the plurality of persons; and

selectively graphically overlaying the comparable data on the location-based seating chart.

2. A method according to claim 1 further comprising:

allowing a user to select a representation of a person of interest; and

displaying data relating to the person of interest.

3. A method according to claim 2 further comprising:

allowing a user to edit the data relating to the person of interest.

4. A method according to claim 1 further comprising:

analyzing the comparable data after the data is retrieved.

5. A method according to claim 1 wherein the chart is displayed on the display of a network enabled device.

6. A method according to claim 1 wherein the overlaying the comparable data comprises a visualization of the comparable data with respect to each person.

7. A computer-implemented system for physical object based data management comprising:

a processor;

a data collection module adapted to retrieve data relating to a plurality of persons;

a data analysis module adapted to determine comparable data among the data relating to the plurality of persons; and

a display module adapted to selectively display the comparable data as a location-based seating chart showing a plurality of representations of persons, wherein the position of each representation of a person in the chart spatially correlates to a physical seating location of that person.

8. A system according to claim 7 wherein the data analysis module is adapted to analyze the comparable data.

9. A system according to claim 7 wherein the data collection module further comprises an input component adapted to collect data relating to the plurality of persons and store the data in a database.

10. A system according to claim 7 wherein the display module is adapted to display the chart on a network enabled device.

11. A system according to claim 7 wherein the display module is adapted to receive input from a user accessing the system through a network enabled device.

12. A computer-implemented system for automatic processing of attendance comprising:

a processor;

a camera adapted to capture data relating to students in a classroom;

a data collection module adapted to retrieve and store data from the input component; and

a data analysis module adapted to determine attendance data based on the captured data and pre-existing data relating to the students.

13. A system according to claim 12 further comprising a display module adapted to display the attendance data in relation to a seating chart of the classroom.

14. A system according to claim 12 wherein the data analysis module is adapted to aggregate the attendance data for each student over a plurality of class sessions.