

server (MMS) and multimedia client (MMC), all constructed in accordance with the present invention;

[0022] FIG. 2 is a block diagram illustrating an example computer processing system architecture suitable for use with the present invention.

[0023] FIG. 3 is a block diagram illustrating an example mobile device or PDA system architecture suitable for use with the present invention.

[0024] FIG. 4 is a block diagram illustrating the authentication server of the present invention in more detail;

[0025] FIG. 5 is a block diagram illustrating the multimedia client (MMC) of the present invention in more detail;

[0026] FIG. 6 is a block diagram illustrating the multimedia server (MMS) of the present invention in more detail;

[0027] FIG. 7 is a block diagram illustrating the processing sequence of the RSS based PC content delivery system of the present invention;

[0028] FIG. 8 is a flow diagram illustrating the method of representing application data in RSS format;

[0029] FIG. 9 is a flow diagram illustrating the request/response method of the multimedia client;

[0030] FIG. 10 is a diagram illustrating the logical architecture of the MMS application of an example application of the invention to a music retrieval system;

[0031] FIG. 11 is a diagram illustrating the logical architecture of the MMS server portion of the example music retrieval system;

[0032] FIG. 12 is a diagram illustrating the logical architecture of the IP authentication server of the example music retrieval system;

[0033] FIG. 13 is a diagram illustrating the logical architecture of the MMC of the example music retrieval system;

[0034] FIG. 14 is a diagram illustrating the sequencing for the Start Server task;

[0035] FIG. 15 is a diagram illustrating the sequencing for the Stop Server task;

[0036] FIG. 16 is a diagram illustrating the sequencing for Auto Start Server task;

[0037] FIG. 17 is a diagram illustrating the sequencing for the Search Files task;

[0038] FIG. 18 is a diagram illustrating the sequencing for the Share Music File task;

[0039] FIG. 19 is a diagram illustrating the sequencing for the Manage Files task;

[0040] FIG. 20 is a diagram illustrating the sequencing for the Manage Play List task;

[0041] FIG. 21 is a diagram illustrating the sequencing for the Create User task;

[0042] FIG. 22 is a diagram illustrating the sequencing for the Import Play List task;

[0043] FIG. 23 is a diagram illustrating the sequencing for the MMS Preferences task;

[0044] FIG. 24 is a diagram illustrating the sequencing for the Help task;

[0045] FIG. 25 is a diagram illustrating the sequencing for the About MMS task;

[0046] FIG. 26 is a diagram illustrating the sequencing for the Login task;

[0047] FIG. 27 is a diagram illustrating the sequencing for the Logout task;

[0048] FIG. 28 is a diagram illustrating the sequencing for the Search task;

[0049] FIG. 29 is a diagram illustrating the sequencing for the Preferences task;

[0050] FIG. 30 is a diagram illustrating the sequencing for the Play task;

[0051] FIG. 31 is a diagram illustrating the sequencing for the Change Password task;

[0052] FIG. 32 is a diagram illustrating the sequencing for the MMS Server task;

[0053] FIG. 33 is a diagram illustrating the sequencing for the IP Authentication Service task;

[0054] FIG. 34 is a diagram illustrating the overall sequencing for the MMC;

[0055] FIG. 35 is a screen shot of the Music Application main dialog box;

[0056] FIG. 36 is a screen shot of an example Show Music Files dialog box of the example music retrieval system;

[0057] FIG. 37 is a screen shot of an example Create User dialog box of the example music retrieval system;

[0058] FIG. 38 is a screen shot of an example Preferences dialog box of the example music retrieval system;

[0059] FIG. 39 is a screen shot of an example MMC Login dialog box of the example music retrieval system;

[0060] FIG. 40 is a screen shot of an example MMC Search dialog box of the example music retrieval system; and

[0061] FIG. 41 is a screen shot of an example MMC Preferences dialog box of the example music retrieval system.

## DETAILED DESCRIPTION OF THE INVENTION

### Notation Used Throughout

[0062] The following notation is used throughout this document.

#### Term Definition

API Application Programming Interface

ASIC Application Specific Integrated Circuit

AVI Audio Video Interleave

BMP Windows Bitmap

CD-ROM Compact Disc-Read Only Memory

CPU Central Processing Unit