

What is claimed:

1. A computer-implemented system comprising:
 - a non-transitory computer readable storage medium containing executable program code;
 - a user information database;
 - a messaging and collaboration component operatively associated with the user information database;
 - at least one template configured to be populated by the messaging and collaboration component; and
 - at least one executable mother web script operatively associated with the messaging and collaboration component for dynamically generating one or more additional executable web scripts from access to the template and the user information database in response to a user request, wherein the template includes at least one data structure comprising executable code to generate the one or more additional executable web scripts based on the user request, and the one or more additional executable web scripts enable the generation of a dynamic user-interface.
2. The system of claim 1, further comprising
 - a programming module for executing the one or more additional web scripts, the module having subroutines for encrypting data entered by the user;
 - a communications module for communicating inputted data from the programming module to a client; and
 - suitable programming for processing the inputted data independently of the programming module, the suitable programming including a decryption routine.

3. The system of claim 2, further comprising a status module programmed to generate a message with status information and direct said message to one of the user and the messaging and collaboration component; and a payment module for generating invoices to the user in response user access to the messaging and collaboration component.
4. The system of claim 3, further comprising programming to update a client database with data inputted by the user.
5. The system of claim 1, wherein the one or more additional web scripts are executed in a virtual machine environment.
6. The system of claim 1, wherein the messaging and collaboration component is executed using a cloud-based computing platform.
7. The system of claim 1, wherein the one or more additional web scripts are virtual web scripts.
8. The system of claim 1, wherein the communications module further outputs data to one or more selected devices.
9. The system of claim 8, wherein the selected devices comprise one or more of a smart phone, a television, a tablet, an e-reader, a smart tag, a biometric tag, a RFID tag, a smart device with a chip, and a personal computer.

10. The system of claim 1, wherein the one or more additional web scripts enable the generation and presentation of a virtual desktop environment, voice recognition capabilities, and translation between one or more languages.

11. A computer-implemented method for processing information received from a user of an application, the method comprising the steps of:

providing a cloud-implemented system used in conjunction with an application service provider (ASP) and an existing client database, the system comprising a non-transitory computer readable storage medium containing executable program code, a user information database derived from the client database, a messaging and collaboration component operatively associated with the user information database, at least one template configured to be populated by the messaging and collaboration component, and at least one mother web script operatively associated with the messaging and collaboration component for dynamically generating additional executable web scripts independently of the existing client database and from access to the template and the user information database in response to a user request;

receiving a user-initiated request for information to be processed by the application;

executing one of the dynamically generated additional web scripts, wherein the one of the dynamically generated additional web scripts is further generated in response to the request based on executable code from at least one data structure included in the template;

providing a user-interface generated by the one of the dynamically generated additional web scripts in response to the user-initiated request; and

accessing the client information database either in response to the user-initiated request or in response to an input of data through the user-interface.

12. The method of claim 11, further comprising spawning an instance of a virtual machine by the at least one mother web script, and wherein executing one of the dynamically generated additional web scripts comprises executing one of the dynamically generated additional web scripts in the virtual machine.
13. The method of claim 11, wherein the user-initiated request is received via one or more of a telephone, a smart phone, cellular phone, a web browser, a tablet, an e-reader, a smart tag, a biometric tag, a RFID tag, a personal computer, and a television.
14. The method of claim 11, wherein the user-initiated request is one or more of an SMS message, a packet, an email, or a phone call.
15. The method of claim 11, wherein providing the user-interface comprises one or more of providing a dynamic web page, reading instructions to a user via a telephone, and providing a voice recognition program.
16. The method of claim 11, further comprising determining a type of device used to send the user-initiated request, and customizing the user-interface based on the determined type of device.
17. The method of claim 11, further comprising determining a device to receive the user-interface, and providing the user-interface to the determined device.

18. The method of claim 17, wherein the device is one or more of a television, a smart phone, a media player, a biometric device, a RFID device, a tablet, smart clothing, smart fabric, or a personal computer.

19. A non-transitory computer-readable medium containing program code embodying an application program for performing a method for processing information received from a user of an application, the method comprising:

providing a computer-implemented system used in conjunction with an application service provider (ASP) and an existing client database, the system comprising a user information database derived from the client database, a messaging and collaboration component operatively associated with the user information database, at least one template configured to be populated by the messaging and collaboration system, and at least one web script operatively associated with the messaging and collaboration component for dynamically generating additional executable web scripts independently of the existing client database and from access to the template and the user information database in response to a user request;

receiving a user-initiated request for information to be processed by the application;

displaying a user-interface generated by a web script in response to the user-initiated request, wherein the executable web script is further generated in response to the user request based on executable code from at least one data structure included in the template; and

accessing the client information database either in response to the user-initiated request or in response to an input of data through the user-interface.

20. The method of claim 19, wherein the computer-implemented system is a cloud computing system.

What is claimed:

1. A computer-implemented system comprising:

a non-transitory computer readable storage medium containing executable program code including a mother script having at least one adaptive instruction set that dynamically generates, spawns, or invokes, a daughter scripts based at least in part on data collected by the mother script, data stored in a system database, or data stored in a user's database to:

receive a request from an input device;

provide at least one template configured to be populated by a messaging and collaboration component and a database management component;

at least generate, spawn, or invoke at least one virtual computing environment on a physical server that includes the daughter script or a virtual script containing adaptive instruction sets in which different system-level requests arrange data and corresponding instructions differently,

wherein the daughter script or virtual script is generated from the mother script and the at least one template and specifies whether the at least one virtual computing environment is created to process the daughter script or virtual script in its own virtual machine separate and distinct from a main database and executed in an operating system environment that is completely separate from an environment used to execute any other scripts and

wherein the daughter script or virtual script is configured to generate additional scripts as the processing of the daughter script or virtual script continues based, on user actions and input associated with the daughter script or virtual script; and

wherein the daughter script or virtual script and the at least one virtual computing environment are destroyed by themselves.

2. The system of claim 1, further comprising a communications module for communicating inputted data from the programming module to a client; and suitable programming for processing the inputted data independently of the programming module, the suitable programming including one of an encryption and decryption routine.

3. The system of claim 2, further comprising a status module programmed to generate a message with status information and direct said message to one of the user and the messaging and collaboration component; and a payment module for generating invoices to the user in response to user access to the messaging and collaboration component.

4. The system of claim 3, further comprising programming to update a client database with data inputted by the user.

5. The system of claim 1, further comprising programming to: at least one of 1) one of send and store the requested first data and 2) provide data to one or more destination devices with a dynamic user interface.

6. The system of claim 1, wherein the messaging and collaboration component is executed using a cloud-based computing platform.

7. The system of claim 1, further comprising programming to: at least one of 1) one of capture and encrypt first data from the request, 2) one of send and store the requested first data and 3) provide data to one or more destination devices with a dynamic user interface.

8. The system of claim 1, wherein a communications module further outputs data to one or more selected devices.

9. The system of claim 8, wherein the selected devices comprise one or more of a smart phone, a television, a tablet, an e-reader, a smart tag, a biometric tag, a RFID tag, a smart device with a chip, and a personal computer.

10. The system of claim 1, further comprising programming to: enable the generation and presentation of a virtual desktop environment, voice recognition capabilities, and translation between one or more languages.

11. A computer-implemented method for processing information received from a user of an application, the method comprising the steps of: providing a cloud-implemented system used in conjunction with an application service provider (ASP), including a mother script having at least one adaptive instruction set that dynamically generates, spawns, or invokes, a daughter script for: receiving a request from an input device; providing at least one template configured to be populated by a messaging and collaboration component or a database management component; at least one of 1) one of capturing and encrypting first data from the request, 2) one of sending and storing the requested first data and 3) providing data to one or more destination devices with a dynamic user interface; at least one of generating, spawning, or invoking at least one virtual computing environment on a physical server that includes the daughter script or a virtual script containing adaptive instruction sets in which different system-level requests arrange data and corresponding instructions differently, wherein the daughter script or virtual script is generated from the mother script and the at least one template and specifies whether the at least one computing environment is created to process the daughter or virtual script in one of its own virtual machine separate and distinct from a main database and executed in an operating system environment that is completely separate from an environment used to execute any other scripts and wherein the daughter script or virtual script is configured to generate additional scripts as the processing of the daughter script or virtual script continues based on user actions and input associated with one of the daughter script or virtual script; and wherein the daughter script or virtual script and the at least one virtual computing environment are destroyed by themselves.

12. The method of claim 11, further comprising programming to: one of send and store the requested first data; and provide data to one or more destination devices with a dynamic user

interface.

13. The method of claim 11, wherein the request from the input device is received via one or more of a telephone, a smart phone, cellular phone, a web browser, a tablet, an e-reader, a smart tag, a biometric tag, a RFID tag, a personal computer, and a television.

14. The method of claim 11, wherein the request from the input device is one or more of an SMS message, a packet, an email, or a phone call.

15. The method of claim 11, further comprising providing one or more of providing a dynamic web page, reading instructions to a user via a telephone, and providing a voice recognition program.

16. The method of claim 11, further comprising determining a type of device used to send initiated request from the input device, and customizing the interface based on the determined type of device.

17. The method of claim 11, further comprising determining a device to receive the interface, and providing the interface to the determined device.

18. The method of claim 17, wherein the device is one or more of a television, a smart phone, a media player, a biometric device, a RFID device, a tablet, smart clothing, smart fabric, or a personal computer.

19. A non-transitory computer-readable medium containing program code embodying an application program for performing a method for processing information received from a user of an application, the method comprising: providing a mother script having at least one adaptive instruction set that dynamically generates, spawns, or invokes, a daughter script based at least in part on one of data collected by the mother script, data stored in a system database, or data stored in a user's database; receiving a request from an input device; providing at least one template configured to be populated by a messaging and collaboration component or a database management component; at least one of generating, spawning, or invoking at least one virtual computing environment on a physical server that includes the daughter script or a virtual script containing adaptive instruction sets in which different system-level requests arrange data and corresponding instructions differently, wherein the daughter script or the virtual script is generated from the mother script and the at least one template and specifies whether the at least one computing environment is created to process the daughter script or virtual script in one its own virtual machine separate and distinct from a main database and executed in an operating system environment that is completely separate from an environment used to execute any other scripts and wherein the daughter script or virtual script is configured to generate additional scripts as the processing of the daughter script or virtual script continues based on user actions and input associated with the daughter script or virtual script; and wherein the daughter script or virtual script and the at least one virtual computing environment are destroyed by themselves.

20. The method of claim 19, wherein the computer-implemented system is a cloud computing system.