

Claims

1. A computer-implemented device for tracking a user's time, the device comprising:
 - a memory storing instructions;
 - a network device;
 - a display device; and
 - at least one processor configured to execute the instructions to:
 - determine a location of the device based on one or more network signals from the network device;
 - receive a number of hours worked from a remote server;
 - determine that the number of hours worked is below a threshold number;
 - in response to the determined location being within a predetermined area and the number of hours worked being below the threshold number, display, on the display device, a first user interface element that, when selected, records a start time associated with a user identifier;
 - in response to the determined location being outside the predetermined area or the number of hours worked being above the threshold number, not displaying, on the display device, the first user interface element;
 - receive, from the display device, a selection of the first user interface element;
 - after receiving a selection of the first user interface element on the display device, display, on the display device, a second user interface element that, when selected, records an end time associated with the user identifier;

receive, from the display device, a selection of the second user interface element; and

send at least one of the start time or the end time to a remote server via the network device.

2. The device of claim 1, wherein displaying the first user interface element is based on determining that a current time is within an accepted time.
3. The device of claim 2, wherein the accepted time is based on at least one of a vacation schedule, a shift schedule, or a needed capacity.
4. The device of claim 1, wherein the instructions further cause the at least one processor to display a warning when the number of hours worked within the first time frame exceeds a second threshold amount of time that is smaller than a maximum amount of time.
5. The device of claim 1 wherein the instructions further cause the at least one processor to display a warning when the number of hours worked within the first time frame exceeds a maximum amount of time within the first time frame.
6. The device of claim 1, wherein the instructions further cause the at least one processor to record the end time associated with the user identifier based on determining that the number of hours worked within the time frame exceeds a maximum amount of time within the time frame.
7. The device of claim 1, wherein an activity level of the user is determined by the remote server based on the event data, and wherein the instructions further cause the at least one processor to:

send, via the network device, a query to the remote server to determine activity associated with the user identifier;
receive, via the network device, activity information from the remote server; and
based on the activity information, record the end time associated with the user identifier.

8. The device of claim 5, wherein the instructions further cause the at least one processor to
responsive to the selection of the first user interface element, send a token to the remote server;
send, via the network device, a query to the remote server to determine whether the token has been used within a second time frame;
receive, via the network device, activity information from the remote server indicating whether the token has been used within the second time frame;
and
based on the activity information, record the end time associated with the user identifier.
9. The device of claim 7, wherein the instructions further cause the at least one processor to send, via the network device, a query to the remote server when the number of hours worked within a time frame exceeds a threshold number of hours that is smaller than the maximum number of hours.
10. The device of claim 1, wherein the instructions further cause the at least one processor to record the end time associated with the user identifier based on a determination that the device is outside of an accepted location.

11. The device of claim 1, wherein the location is determined based on a proximity of a wireless network.
12. The device of claim 1, wherein the at least one of the start time or the end time is sent to the remote server based on scheduled updates or in real time.
13. The device of claim 1, wherein the first user interface element includes an input field for information regarding the user's job during a logged in time.
14. The device of claim 1, wherein the instructions further cause the at least one processor to:
- display, on the display device, at least one category of job role;
 - receive, on the display device, an input selecting at least one of the categories of job roles;
 - display, on the display device, at least one question based on the category of job role selected; and
 - receive, on the display device, at least one answer to the at least one question.
15. A method for tracking a user's time, comprising the steps of:
- determining a location of a computer-implemented device based on one or more network signals from a network device;
 - receiving a number of hours worked from a remote server;
 - determining that the number of hours worked is below a threshold number;
 - in response to the determined location being within a predetermined area and the number of hours worked being below the threshold number, display, on a display device, a first user interface element that, when selected, records a start time associated with a user identifier;

in response to the determined location being outside the predetermined area or the number of hours worked being above the threshold number, not displaying, on the display device, the first user interface element; receiving, from the display device, a selection of the first user interface element; displaying, after receiving a selection of the first user interface element on the display device, a second user interface element that, when selected, records an end time associated with a user identifier in the memory device of the computer implemented device; receiving, from the display device, a selection of the second user interface element; and sending at least one of the start time or the end time to a remote server via the network device.

16. The method of claim 15, wherein displaying the first user interface element is based on determining that a current time is within an accepted time.

17. The method of claim 15 further comprising the step of displaying a warning when the number of hours worked within the first time frame exceeds a maximum amount of time within the first time frame.

18. A system for tracking a user's time comprising a mobile device and a central server, the mobile device comprising:

a network device;

a display device;

at least one processor and at least one memory storing instructions, the at least one processor configured to execute instructions to:

determine a location of the mobile device based on one or more network signals from the network device;

receiving a number of hours worked from a remote server;

determining that the number of hours worked is below a threshold number;

in response to the determined location being within a predetermined area and the number of hours worked being below the threshold number, display, on the display device, a first user interface element that, when selected on the display device, records a time associated with a start time for a user;

in response to the determined location being outside the predetermined area or the number of hours worked being above the threshold number, not displaying, on the display device, the first user interface element;

receive, from the display device, a selection of the first user interface element;

send data contained within the start input to the central server after receiving the input selecting the first user interface element;

receive analytical data from the central server about the user;

after receiving a selection of the first user interface element, display on the display device, a second user interface element that, when selected on the display device, records a time associated with an end time for the user;

receive, from the display device, a selection of the second user interface element;

send data contained within the end input to the central server after receiving the input selecting the second user interface element; and

the central server comprising:

a network device;

a database; and

at least one processor and at least one memory storing instructions, the at least one processor configured to execute instructions to:

receive, via the network device, time data including at least one of a start time or an end time;

store the received time data in the database in association with a user identifier;

receive a request from the mobile device for at least one of past start time or past end time information; and

send at least one of the past start time or end time information to the mobile device.

19. The method of claim 15, further comprising recording the end time associated with the user identifier based on a determination that the device is outside of an accepted location.