CLAIMS

1. An information processing apparatus characterized by comprising:

a processor configured to generate a command for instructing a display device that is movable and is configured to display information representing that a place where the display device exists is a bus stop to output, at a point determined as the bus stop, a notification indicating that a bus stops at the point a predetermined time before a time at which the bus stops at the point; wherein

the display device is the bus stop configured to autonomously travel.

2. The information processing apparatus according to claim 1, wherein the processor is configured to transmit, to the display device, a moving command for instructing the display device to move such that the display device arrives at the point determined as the bus stop by the predetermined time before the time at which the bus stops.

3. The information processing apparatus according to claim 1 or 2, wherein the processor is configured to determine the point as the bus stop based on information on a boarding point or an exiting point of the bus received from a user terminal.

4. The information processing apparatus according to any one of claims 1 to 3, wherein the processor is configured to include, in the command, an instruction to display an image regarding a stop of the bus at the point on a display included in the display device.

5. The information processing apparatus according to any one of claims 1 to 4, wherein the processor is configured to include, in the command, an instruction to play a sound regarding a stop of the bus at the point from a speaker included in the display device.

6. The information processing apparatus according to any one of claims 1 to 5, wherein the processor is configured to generate the command for instructing the display device to send a notification indicating that the bus stops at the point, to a surrounding vehicle via communication with the one or more vehicles.

7. The information processing apparatus according to claim 6, wherein the one or more vehicles include a vehicle traveling within a predetermined range including the display device and approaching the display device.

8. The information processing apparatus according to claim 6, wherein the one or more vehicles include a vehicle parked within a predetermined range including the display device.

9. The information processing apparatus according to any one of claims 6 to 8, wherein the processor is configured to include, in the command, an instruction to display the point determined as the bus stop on a map of a navigation system of the one or more vehicles.

10. The information processing apparatus according to any one of claims 6 to 9, further comprising a storage unit that stores information on a predetermined excluded vehicle to which the notification indicating that the bus stops at the point is not sent,

wherein the processor is configured to generate the command for instructing the display device not to send the notification indicating that the bus stops at the point to the predetermined excluded vehicle.

11. The information processing apparatus according to any one of claims 1 to 9, wherein the processor is configured to include, in the command, an instruction to output a notification indicating a time at which the bus arrives at the point determined as the bus stop or a time remaining until the bus arrives at the point determined as the bus stop.

12. The information processing apparatus according to any one of claims 1 to 11, wherein the bus stop includes an environment information sensor configured to capture an image regarding surroundings of the bus stop and determine whether there is a driver in a vehicle in the surroundings of the bus stop, turn down a volume of the notification when there is a driver in the vehicle, and turn up the volume when it is determined that there is no driver in the vehicle.

13. The information processing apparatus according to any one of claims 1 to 11, wherein the bus stop includes an environment information sensor configured to capture an image regarding surroundings of the bus stop or have a radar, and displays a bus stop name on the bus stop when approaching of a person is detected based on the captured image or a detection value of the radar.

14. An information processing method executed by a computer, the information processing method characterized by comprising:

generating a command for instructing a display device that is movable and is configured to display information representing that a place where the display device exists is a bus stop to output, at a point determined as the bus stop, a notification indicating that a bus stops at the point a predetermined time before a time at which the bus stops at the point, wherein

the display device is the bus stop configured to autonomously travel.

15. The information processing method according to claim 14, further comprising transmitting, to the display device, a moving command for instructing the display device to move such that the display device arrives at the point determined as the bus stop by the predetermined time before the time at which the bus stops.

16. The information processing method according to claim 14 or 15, further

comprising determining the point as the bus stop based on information on a boarding point or an exiting point of the bus received from a user terminal.

17. The information processing method according to any one of claims 14 to 16, further comprising including, in the command, an instruction to display an image regarding a stop of the bus at the point on a display included in the display device.

18. The information processing method according to any one of claims 14 to 17, further comprising including, in the command, an instruction to play a sound regarding a stop of the bus at the point from a speaker included in the display device.

19. The information processing method according to any one of claims 14 to 18, further comprising generating the command for instructing the display device to send a notification indicating that the bus stops at the point, to a surrounding vehicle via communication with the one or more vehicles.

20. The information processing method according to any one of claims 14 to 19, further comprising including, in the command, an instruction to output a notification indicating a time at which the bus arrives at the point determined as the bus stop or a time remaining until the bus arrives at the point determined as the bus stop.

21. The information processing method according to any one of claims 14 to 20, wherein the bus stop includes an environment information sensor configured to capture an image regarding surroundings of the bus stop and determine whether there is a driver in a vehicle in the surroundings of the bus stop, turn down a volume of the notification when there is a driver in the vehicle, and turn up the volume when it is determined that there is no driver in the vehicle.

22. The information processing method according to any one of claims 14 to 20,

wherein the bus stop includes an environment information sensor configured to capture an image regarding surroundings of the bus stop or have a radar, and displays a bus stop name on the bus stop when approaching of a person is detected based on the captured image or a detection value of the radar.

23. A mobile object characterized by comprising a processor configured to:

autonomously move a mobile object to a point determined as a bus stop;

cause a display to display information representing that a place where the mobile object is present is the bus stop at the point determined as the bus stop; and

output, at the point determined as the bus stop, a notification indicating that a bus stops at the point from a predetermined time before a time at which the bus stops at the point, wherein

the mobile object is the bus stop configured to autonomously travel.

24. The mobile object according to claim 23, wherein the processor is configured to move the mobile object such that the mobile object arrives at the point determined as the bus stop by the predetermined time before the time at which the bus stops.

25. The mobile object according to any one of claims 23 to 24, wherein the bus stop includes an environment information sensor configured to capture an image regarding surroundings of the bus stop and determine whether there is a driver in a vehicle in the surroundings of the bus stop, turn down a volume of the notification when there is a driver in the vehicle, and turn up the volume when it is determined that there is no driver in the vehicle.

26. The mobile object according to any one of claims 23 to 24, wherein the bus stop includes an environment information sensor configured to capture an image regarding surroundings of the bus stop or have a radar, and displays a bus stop name on the bus stop when approaching of a person is detected based on the captured image or a detection value

of the radar.