CLAIMS

1. A device for creating a track use plan comprising:

a selector configured to select a schedule line of a target train to which a track of a station is to be allocated out of a plurality of the schedule lines included in a schedule of the station; and

an allocator configured to

allocate, to the schedule line of the target train, the track according to a track condition indicating an attribute of a train allocatable to the track, and

allocate, to the schedule line of the target train, the track having a shortest operation headway out of a plurality of the tracks on the basis of an operation headway on each track between the target train and a preceding train preceding the target train when the track is not able to be allocated to the schedule line of the target train according to the track condition.

2. The device for creating a track use plan according to claim 1, wherein the allocator further allocates, to the schedule line of the target train, the track such that the track that the target train enters after finishing an operation and the track from which the target train departs in starting the operation correspond to each other when the target train is parked at the station after finishing the operation.

3. The device for creating a track use plan according to claim 1 or 2, further comprising a display controller configured to display, in a case where the track is not able to be allocated to the schedule line of the target train on the basis of the operation headway, an occasion of

the case on a display.

4. The device for creating a track use plan according to claim 3, wherein the display controller displays, on the display, the schedule including the schedule line of the target train and track information that enables identification of the track allocated to the schedule line of the target train.

5. The device for creating a track use plan according to claim 3 or 4, wherein

the display controller displays, on the display, an operation headway setting screen that enables setting of the operation headway, and

the allocator allocates, to the schedule line of the target train, the track on the basis of an operation headway set by using the operation headway setting screen.

6. The device for creating a track use plan according to any one of claims 3 to 5, wherein

the display controller displays, on the display, a track condition setting screen that enables setting of the track condition, and

the allocator allocates, to the schedule line of the target train, the track according to the track condition set by using the track condition setting screen.

7. The device for creating a track use plan according to claim 4, wherein the display controller displays, on the display, the schedule including a hide button configured to give an instruction to hide the track information, and hides the track information when the hide button is pushed.