

ABSTRACT

The present application relates to a maintenance method for aircraft and a configuration system and a computing device thereof. The maintenance method comprises: accessing the maintenance task database to obtain the location and timing of the current aircraft maintenance task; accessing the maintenance person database to obtain a list of available maintenance person and classify the available maintenance person as the first collection of candidates; determining whether each candidate in the first collection of candidates meets the requirements for the location and timing of the current aircraft maintenance task, and then classifying the candidates meeting such requirements in the first collection of candidates as the second collection of candidates; selecting the first maintenance person from the second collection of candidates to perform the current aircraft maintenance task, and determining the estimated start time t_i and the estimated end time t_e of the current aircraft maintenance task based on the information of the first maintenance person. With the embodiments of the present application, it is proved that the maintenance person can be more accurately time-division multiplexed, thereby improving the resource utilization rate.

Figure 2