

ABSTRACT

A product-processing planning device, a product processing system, and a product-processing planning program which enable processing of products without lowering execution capacity as a whole are provided. A product-processing planning device according to an embodiment has a first interface, a processor, and a second interface. The first interface acquires past processed data including the number of products of each batch processed in the past by a product processing apparatus, which processes the products categorized into a plurality of batches. The processor estimates the number of products of each batch to be processed by the product processing apparatus based on the past processed data acquired by the first interface and creates a product processing plan in which processing periods obtained by dividing a period of processing the products of each batch into a plurality of periods are allocated depending on the estimated number of the products of each batch. The second interface outputs the product processing plan generated by the processor to a control device of the product processing apparatus.