ELECTRONIC SYSTEM AND COMPUTERIZED METHOD FOR CONTROLLING OPERATION OF SERVICE DEVICES

Abstract

The present disclosure generally relates to controlling operation of service devices. A payment network server receives, from a merchant aggregator, an operation request from a user for operation of one or more service of the devices associated with the merchant aggregator, the operation request comprising identification data of each service device, an operation mode selected by the user for each service device, and a payment token of the user; identifies, based on the identification data of each service device, a device server communicatively connected with the service device; communicates, to the respective device servers, operation instructions for controlling access to the service devices, the instructions comprising activating the service devices, thereby permitting the user to access the service devices; determining a payment amount for operation of the service devices requested in the operation request based at least on the selected operation modes; and processing a payment transaction for paying the payment amount to the merchant aggregator using the payment token.

Figure 1