increase.

Furthermore, according to one example of the present description, the server may acquire a plurality of varicose veins-related images, and a plurality of the varicose veins-related images may be images for the same lower body part of the user, and the capillary exposure may be digitized and compared from each of a plurality of the varicose veins-related images, and the risk of varicose veins may be evaluated by weighting the information of the comparison results.

In addition, according to one example of the present description, a first image of a plurality of the varicose veins-related images may be an image acquired in a first time point, and a second image may be an image acquired in a second time point, and the information of the comparison results may be acquired by comparing the capillary exposure of the first image and the capillary exposure of the second image, and the greater the difference between the capillary exposure of the first image and the capillary exposure of the second image based on the information of the comparison results, the risk of varicose veins may increase.

Moreover, according to one example of the present description, the server may collect user information of user activities between the first time point and the second time point through at least any one of the user device and a wearable device, and the collected user information may be reflected to evaluation of the risk of varicose veins.

In addition, according to one example of the present description, the varicose veins-related video may be a video of a lower body part of a user taken vertically, and the server may derive a plurality of varicose veins-related images from the varicose veins-related video.

Furthermore, according to one example of the present description, the server may provide guide information for photographing the varicose veins-related video to the user device, and when the varicose veins-related video photographed by the user device based on the guide information is transmitted to the server, the varicose veins-related video may be encrypted and transmitted.

In addition, according to one example of the present description, the server may acquire user questionnaire information from the user device, and the risk of varicose veins may be evaluated by reflecting the user questionnaire information.

veins, leg edema may be most evident in the evening after a user performs daily activities. Considering the afore-mentioned points, the server (400) may analyze the risk of varicose veins by acquiring a plurality of varicose veins-related images (311).

Herein, as one specific example, the server (400) may acquire the varicose veins-related images (311) based on different time points. As one example, since the exposed areas of capillaries in the morning and evening time points are different, the server (400) may acquire the varicose veins-related images (311) in each time point. The server (400) may acquire information on the capillary exposure compared to a plurality of varicose veins-related images (311) and reflect them to the risk. As one example, the degree of capillary exposure may increase by the user's activities or other actions in relation to symptoms of varicose veins. In other words, the higher the degree of progression of varicose veins, the more remarkable the symptoms may be due to the user's activities or actions. Considering the above, the greater the changes in the image in the morning time point and the image in the evening time point in the varicose veins-related images (311) for the same area, the higher the risk of varicose veins may be. The server (400) may weight to the difference by analyzing a plurality of the images of varicose veins (311) acquired in the different time points, and set the risk to be higher as the difference is greater. Herein, as one example, referring to FIG. 8b, user information may be collected between the time of acquiring the varicose veins-related images (311), and the corresponding information may be reflected to evaluate the risk. As one example, the service platform (310) may be driven in the user device (300) and the user's wearable device (800). Herein, the service platform (310) may collect user information between the time sections in which the images of varicose veins (311) are acquired, and acquire information related to the user' activities and actions. As one example, when the user's activity amount is low between the time of acquiring the images of varicose veins (311), the difference in the changes in the capillary exposure may be small. On the other hand, the difference in the changes in the capillary exposure may be large, when the user's activity amount is large, such as mountain climbing or other activities between the acquisition of the images of varicose veins (311). In other words, the user's activity amount needs to be considered when determining the risk of varicose veins, and for this, the server (400) may acquire user collection information and reflect the weight. The server (400) may determine the risk of varicose veins based on the user numerical information weight, and acquire user information through the user device (300)

user's lower body part. When the capillary exposure is digitized based on analysis of varicose veins-related information, the server may identify capillaries by deriving parameters by pixel unit for the user's lower body part, and deriving a standard deviation based on a plurality of parameters by pixel unit, from the varicose veins-related images, and digitize the capillary exposure through capillaries with a value higher than the preset value among the identified capillaries, and this is same as described above.

As other one example, when the risk of varicose veins is evaluated based on the digitized capillary exposure, the risk of varicose veins may be evaluated by identifying a plurality of capillary lines, and weighting the degree of distribution of capillaries with a value higher than the preset value in a plurality of the capillary lines. Herein, when many capillaries with a value higher than the preset value are distributed in any one capillary line of a plurality of the capillary lines, the risk of varicose veins may increase.

In addition, the server (400) may acquire a plurality of varicose veins-related images. Herein, a plurality of the varicose veins-related images may be images for the same lower body part of the user, and the capillary exposures may be digitized and compared in each of a plurality of the varicose veins-related images, and information of the comparison results may be weighted to evaluate the risk of varicose veins. As one specific examples, among a plurality of the varicose veins-related images, the first image may be an image acquired in the first time point, and the second image may be an image acquired in the second time point. The server (400) may acquire information of the comparison results by comparing the capillary exposure of the first image and the capillary exposure of the second image. Herein, based on the information of the comparison results, as the difference between the capillary exposure of the first image and the capillary exposure of the second image is greater, the risk of varicose veins may increase.

In addition, the server (400) may collect user information on the user activities between the first time point and the second time point through at least any one of the user device (300) and wearable device (800), and reflect the collected user information to evaluation of the risk of varicose veins.

As other one example, the varicose veins-related video may be a video of a lower body part of a user taken vertically. The server (400) may derive a plurality of varicose veins-related images from the varicose veins-related video. In addition, the server (400) may