In this study fuzzy logic is used for helping diagnose the dermatological diseases, pemphigus vulgaris, Behcet’s disease, psoriasis vulgaris, acne vulgaris considering the attributes that are measured numerically at the request of the specialist. The model was setup according to real recorded data set. Attributes were assigned as inputs and diagnosis was designed as output. The results obtained with the use of the proposed system are very close to the real recorded results.