B for BARK

PET HEALTH SYSTEM

FUNCTIONAL REQUIREMENTS:

1. USER module
   1. Disease Search:

INPUT: Symptoms (multiple inputs can be given)

OUTPUT: The most relevant disease name predicted. Its quick remedies (if any), all symptoms and available doctors. Search ID and Disease ID

* 1. Symptom Search:

INPUT: Disease name.

OUTPUT: List of the symptoms of the disease, quick remedies (if any) and available doctors for it. Disease ID, Search ID

2. REGISTRATION module

2.1 Pet Register:

INPUT: Pet name, Breed, Blood group, allergies, previously diagnosed diseases…

OUTPUT: The health card (which will contain all the details of the pet) along with the pet ID.

SUGGESTED DOCTOR module:

3.1 Contact:

INPUT: Health card, Disease name and symptoms

OUTPUT: Appointment details and location.

4. DOCTOR module:

4.1 View health card:

INPUT: Pet ID

OUTPUT: Health Card

4.2 Search analysis

INPUT: from and to dates.

OUTPUT: Most browsed diseases and symptoms.

* 1. **USER REQUIREMENTS**
     1. **USER MODULE**

**3.2.1.1 DISEASE SEARCH**

INPUT: Symptoms (multiple inputs can be given)

OUTPUT: The most relevant disease name predicted. Its quick remedies (if any), all symptoms and available doctors. Search ID and Disease ID.

User can Search for the Disease directly and view the symptoms for the same disease and can also view the natural remedies for the same disease. And the suggested Doctor for the same disease.

**3.2.1.2 SYMPTOM SEARCH:**

INPUT: Disease name.

OUTPUT: List of the symptoms of the disease, quick remedies (if any) and available doctors for it. Disease ID, Search ID

User can also Search for the Symptoms and view the multiple diseases expected. And appropriate disease description for the symptoms can also view the complete description of the disease through the website suggested.

**3.2.1.3 SEARCH ANALYSIS / TREND ANALYSIS**

INPUT: from and to dates.

OUTPUT: Most browsed diseases and symptoms.

By considering the previous to the current date, the most searched diseases are taken and the trend analysis page is constructed.

* + 1. **REGISTRATION MODULE**

**3.2.2.1 PET REGISTER**

INPUT: Pet name, Breed, Blood group, Age, Weight, allergies, previously diagnosed diseases…

OUTPUT: The health card (which will contain all the details of the pet) along with the pet ID.

By taking the following details the pet registration is done with all the required validation. After this the Health card will be generated for the pet which is being registered successfully.

**3.2.2.2 USER REGISTRATION**

**INPUT:** User id**,** Password, Name, E-mail, Phone Number, State, City, Street.

**OUTPUT**: User will be registered successfully.

By taking the above details the user registration is done with all the required validation. After the registration the user can access the system benefits.

* + 1. **SUGGESTED DOCTOR MODULE**

**3.2.3.1 CONTACT**

INPUT: Health card, Disease name and symptoms

OUTPUT: Appointment details and location.

The doctor is Suggested based on the category of the pet disease and the appointment can be taken with the Doctor and the user can view the location of the doctor. Through which the Doctor gets the Authority to view the Health card details of the pet.

* + 1. **DOCTOR MODULE**

**3.2.4.1 DOCTOR LOGIN**

INPUT: User id**,** Password,

OUTPUT: successfully Sign-in.

The certified doctor are Already added to the list in the database and they can directly login with the given username and password.

**3.2.4.2 VIEW HEALTH CARD**

INPUT: Pet ID

OUTPUT: Health Card

The certified doctor can view the Health card of the pet and even Allowed to modify the health card if necessary.