Project: Dog Adoption System

Functional

- Dog profile management
  - The organization staff can register the dog on the system
  - The system asks for input such as breed, health, color, medical profile
  - The dog must prepare before users can adopt so they need to have treatment record first.
  - The organization staff can add the dog's treatment record to the dog profile
  - The organization staff approve the profile and then appear on the website
  - At the front-end the user can search for the particular type of dog or general dog
- Adoption process
  - User must pass the registration process which verifies by the organization to be able to adopt the dog.
  - Users need to provide their citizen id, address, and essay of how ready they are then organization staff will validate the user profile
  - Users can mark the favorite dog.
  - Users can send the request of dog that they want to the system then it sends to the organization staff will see.
  - If one dog has many adopters that would like to adopt the organization staff will select the most suitable adopter.
  - The system must be ensured that there is no more adoption request after adopter was approve.
  - The system must have the function that provide the delivery schedule for the user
- Verification process
  - Organization staff have to check user citizen profile from user along with the external system
  - Require external system
    - Criminal record from the police
    - Check blacklist on pet adoption backlist on NGO database
- The organization staff can see the user's profile when they sent the request
- The admin staff can look for report form the system
- Sponsors can register and login to the system, but the organization staff must approve those sponsors.
- Sponsor can upload the banner that they want to the system
- The system must show the banner or logo of the sponsors on the website
- After adopter got the dog in the first year every month the organization staff have to check the dog condition so the user should do like post the picture
- The dog profile on the website must show the picture, name, some special characteristics

Non-functional

- This service run only on website base
- The website must be easy to use for all age groups
- The report that admin can see show the general information of the website such as the number of dog available, list of users, etc.
- The organization provide only one size for the sponsor banner or logo
- During the day the system should be able to handle transaction around 1000 across the day include viewing the dog as well.
- The system must be prepared for the security aspect
- Color theme of the organization is blue and white
- The website can show the high resolution of the dog picture