



**Spring 2024**

**CSE471: System Analysis and Design**

**Section: 05**

**Group: 03**

**Name**

**ID**

Ashiqur Rahman Fahim	20101496
Mehnaj Missal	20101069
Istiak Ahmed Alin	19201087
Shahed Amin	20301015

## **Functional Requirements:**

### *#General Users/Potential adopters:*

1. Browse adoptable pets.
2. View detailed profiles of each pet with photos, descriptions, and temperament information.
3. Apply to adopt a specific pet.
4. Providing information about pets lifestyle and experience.
5. Receive updates on their application status.
6. Schedule meetings with shelters or rescues to meet potential pets.
7. Access educational resources about pet care and responsible ownership.

### *#Shelters/Rescues/Foster:*

8. Create and manage profiles of their adoptable pets with detailed information.
9. Upload photos of the pets.
10. Review and approve adoption applications.
11. Communicate with potential adopters through the platform.
12. Manage their account information and settings.

### *#Administrators:*

13. Manage user accounts and access levels.
14. Review and approve listings (optional).
15. Monitor website activity and usage statistics.
16. Manage content and website functionalities.

### #Others

17. Pet care reminder system (Notification)
18. Develop a matching algorithm that pairs potential adopters with suitable pets.
19. Blog for new pet owners.
20. Integration with external services.