ACTORS AND STAKEHOLDERS

ACTORS ON SCENE

Orphanage owner

Data entry staff

Visitors

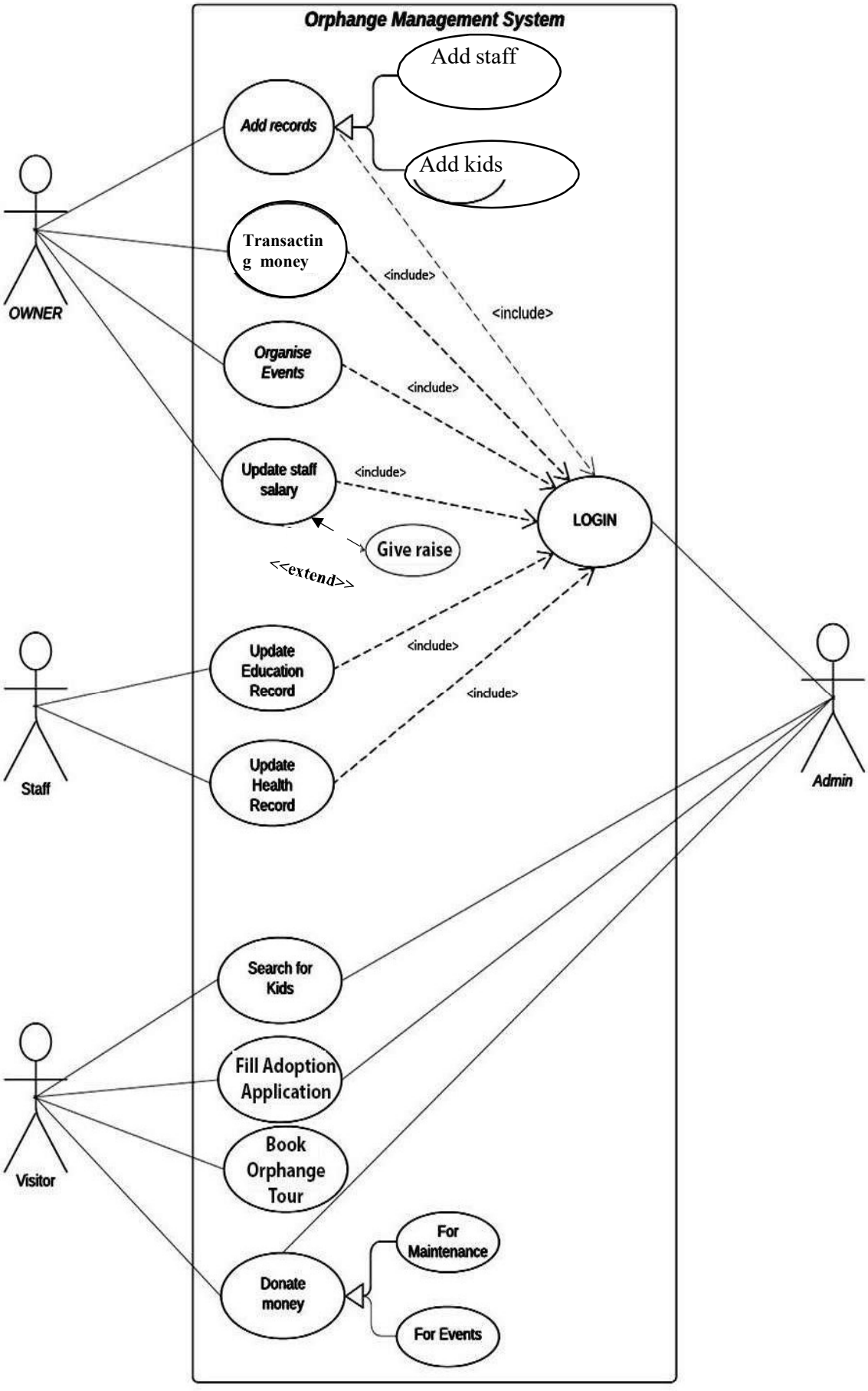
ACTORS OFF SCENE

Programmer- Designer, Software engineer etc.

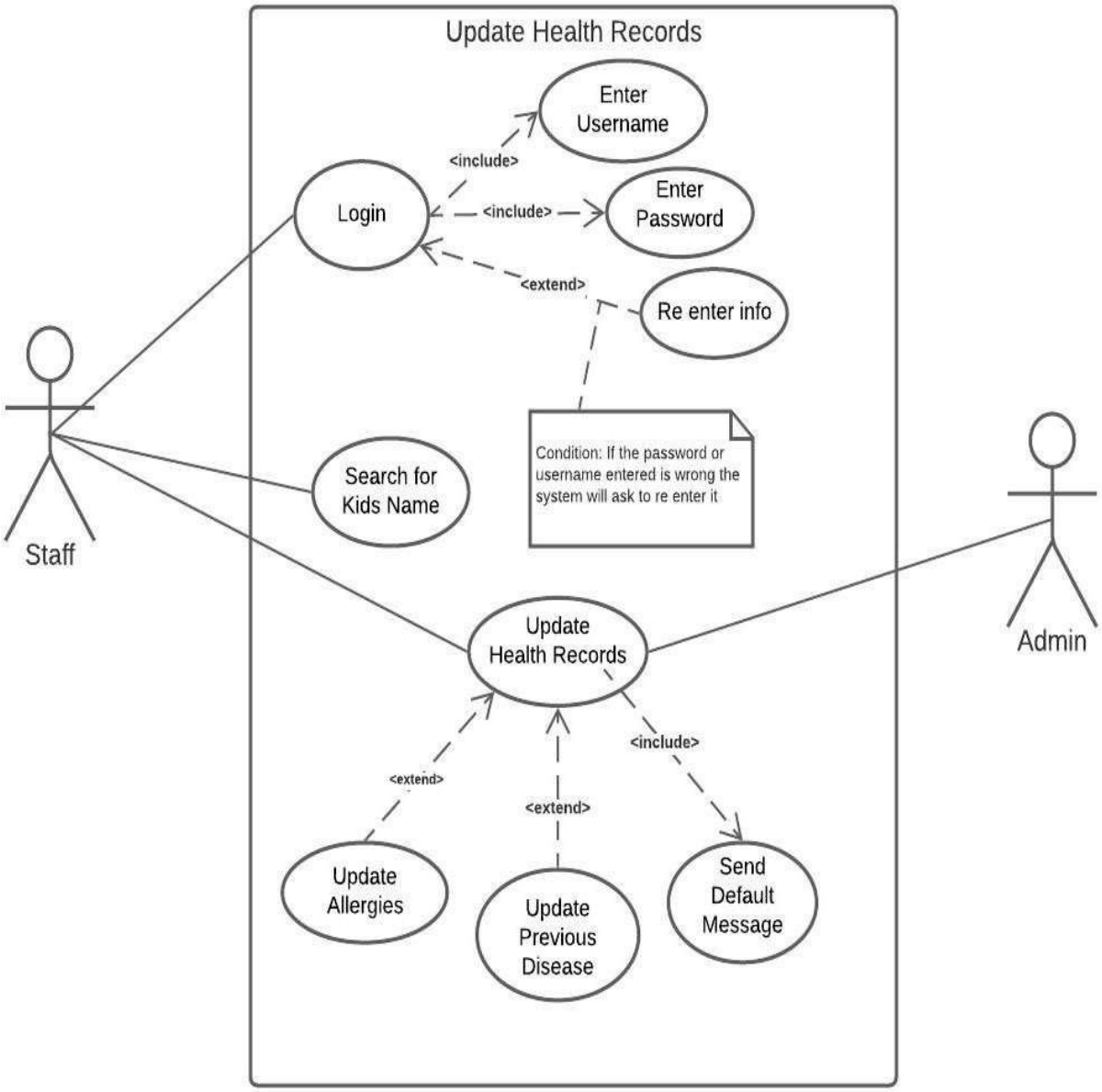
Administrator

Company shareholder of software

USE CASE DIAGRAM



USE CASE DIAGRAM
FUNCTIONALITY-1 UPDATE HEALTH RECORD



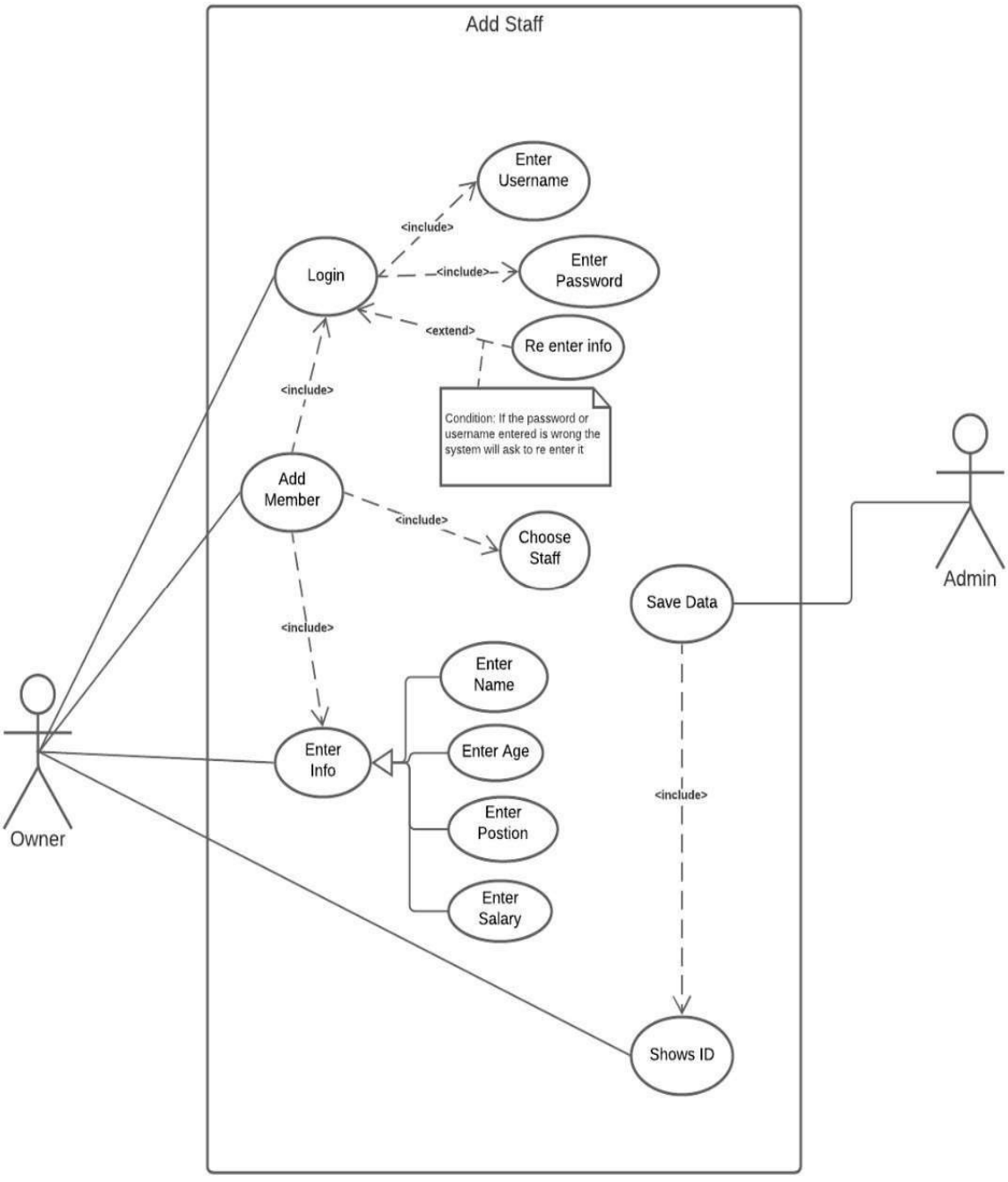
USE CASE DOCUMENTATION
FUNCTIONALITY 1- UPDATE HEALTH RECORD

Name	Update health records
Actors	Data Entry Staff Member
Description	It will update the health records of the kids in the database.
Flow of Events	1. The staff member logs into the system database and selects on 'update health record' button. 2. The system then shows the kids record page. 3. The staff searches for the kid' name in the search box whose records have to be updated. 4. The system searches for the result in the database and provides the user with the kid's name and photo and a '+' button which indicates more information of the child. 5. The staff member then clicks on the '+' button. 6. The system then directs the staff to the kid's personal details page where all his/her details (eg. Name, age, dob, Health records, education records etc.) are mentioned and an 'update'

	button beside every detail is present. 7. The staff then clicks on the 'update' button beside the health record. 8. The system then shows the popup box asking the staff member to enter the information which needs to be updated (Eg. Allergies, previous diseases). 9. The member then enters all the information and triggers the update button. 10. The system then updates the information in the health record and shows the default message- 'Health record has been updated.
Alternative Flow	**[the staff searches for a child whose name is not there in the database/ the owner misspells the name of the kid]** System displays an error message 'The name is not present in the database' asking for another name. < repeat step 3 again or abort the task > **[the information in the update health report column has**

	special characters] System displays an error message 'The information should not contain special characters' directing the staff member again to the kid's personal details page. < repeat steps 7-9 again or abort function > **[During network issues]** **(Before updating record):** < Staff member has to repeat steps 3-9 again> **(After updating record):** <Information automatically gets updated>
Special Requirement	Stable Internet Connection Correct Information to be updated.
Precondition	Staff Member must be present in the database and should be termed as 'Data Entry'
Postcondition	The system shows default message and health record of the kid has been updated in the system. Or due to abort mission the system records have not been updated.
Extension Point	**Handle invalid password and username of the staff member while login** **Update allergies/ Previous Diseases.**

USE CASE DIAGRAM
FUNCTIONALITY-2 ADD STAFF MEMBER RECORD



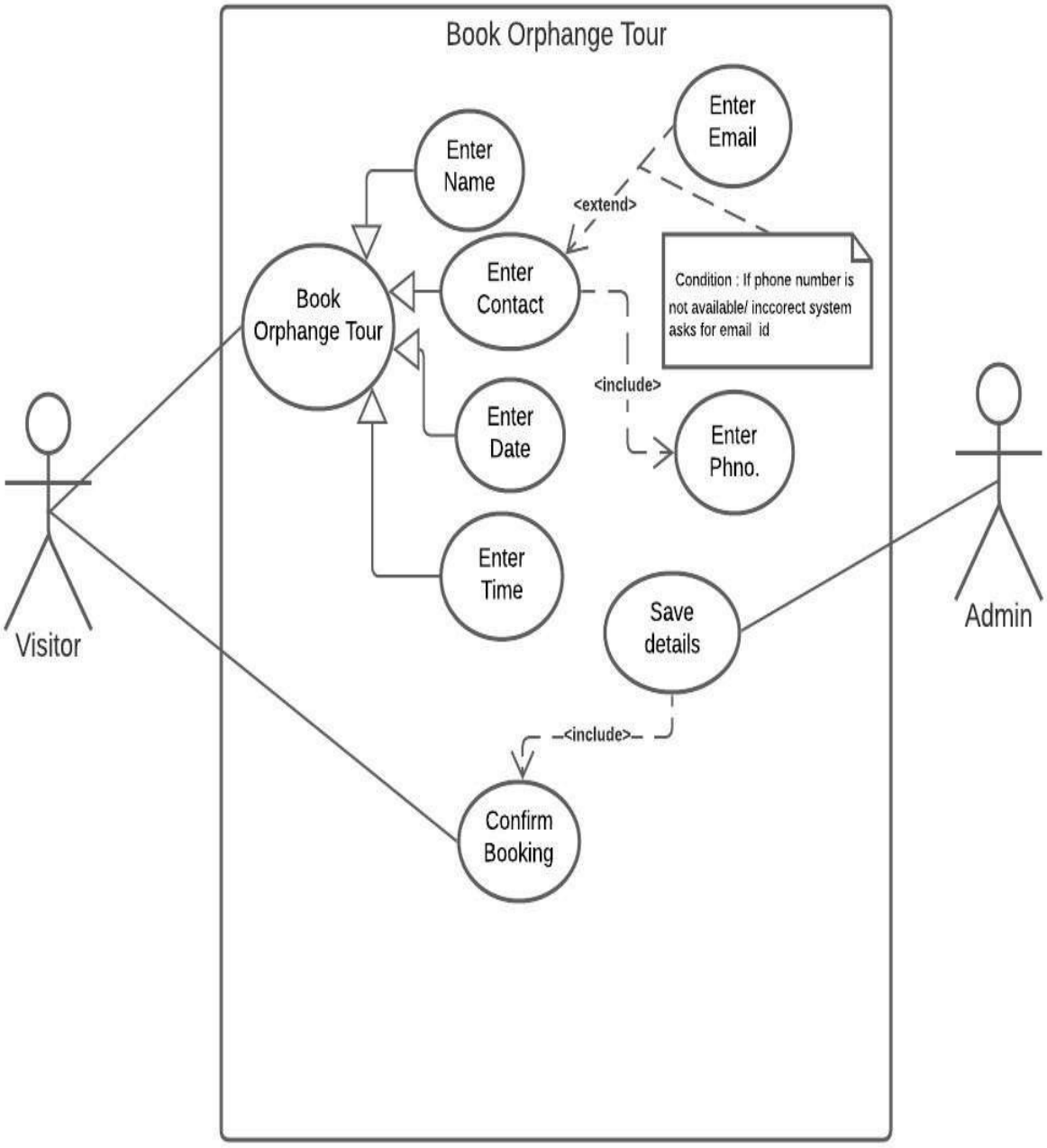
USE CASE DOCUMENTATION
FUNCTIONALITY 2- ADD STAFF RECORD

Name	Add Staff
Actors	Orphanage Owner
Description	It will add new staff member details in the database.
Flow of Events	1. The orphanage owner logs into the system database and selects on 'add' button. 2. The system then shows a popup box with the title 'categories:' in which there would be many options (Eg. Kids, staff, adoptionfamily etc.) 3. The owner choses the staff option. 4. The system then shows a page and asks the user to enter information about the staff – Eg. Name, age, position, salary, email etc.)

	5. The owner enters all the information and triggers the 'add' button. 6. The system then adds the staff member details and shows a default text for the id of the staff member assigned by the software.
Exception	**[problem with staff email]** System displays an error message 'The address is unavailable' asking for another email address. < repeat step 5 again or abort the task > **[staff member with same name and email already present in system]** System displays a message 'XYZ is already a staff member' < owner can either continue step 5or abort function > **[During Network Issues]:** **(Before entering info)** <Owner has to repeat steps 3-6> **(After entering info)** Info will be auto saved.
Special Requirements	Stable internet connection, Correct

	information of the new staff member (No special characters in name/contact details),
Precondition	Stable internet connection Staff member with the same information should not be present in the database.
Postcondition	The system shows a default message and the staff member details is added in the system. Or due to abort mission the system records have not been updated.
Extension Point	**Handle invalid password and username while login of the orphanage owner.**

USE CASE DIAGRAM
FUNCTIONALITY-3
BOOK ORPHANAGE TOUR



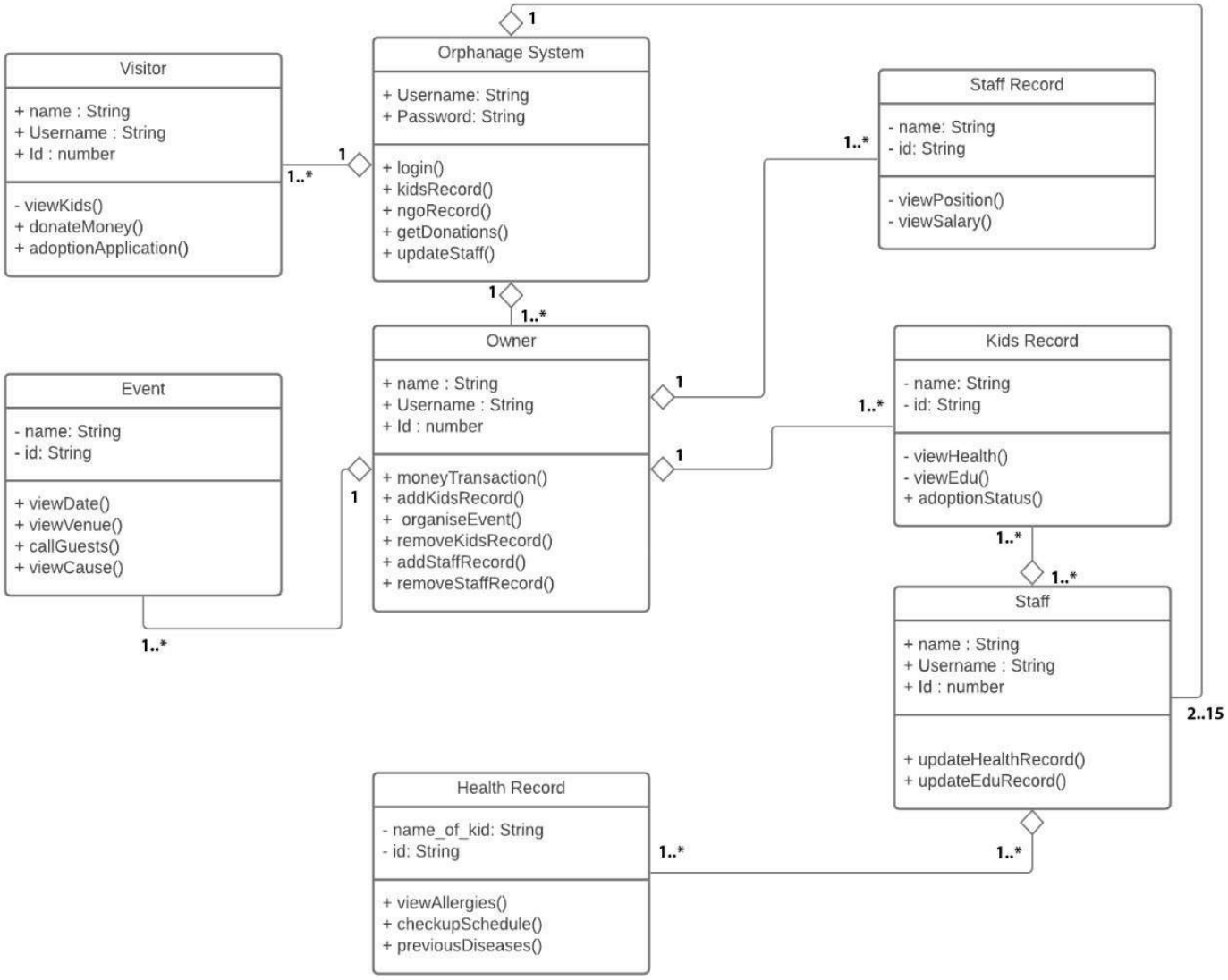
USE CASE DOCUMENTATION FUNCTIONALITY 3- ORPHANAGE TOUR

Name	Book Orphanage Tour
Actors	Visitors
Description	The process will help the visitor to pick a date of their preferencefor the orphanage tour.

Flow of Events	1. The visitor opens the system and clicks on 'orphanage tour' button. 2. The system then shows a page where the visitor can see various pictures of the orphanage. The page also consists of a button 'request orphanage tour'. 3. The owner clicks on the button. 4. The system then shows a popup box alert asking for the name,date,time the visitor wants to visit the orphanage and contact details(mobile phone and email address). 5. The owner enters all the information and triggers the 'submit' button. 6. The system then saves all the details and shows a default text- 'Thankyou, we wold get back to you via your contact information'.
Alternative Flow	**[problem with visitor email]** System displays an error message 'The address is unavailable' asking for another email address.

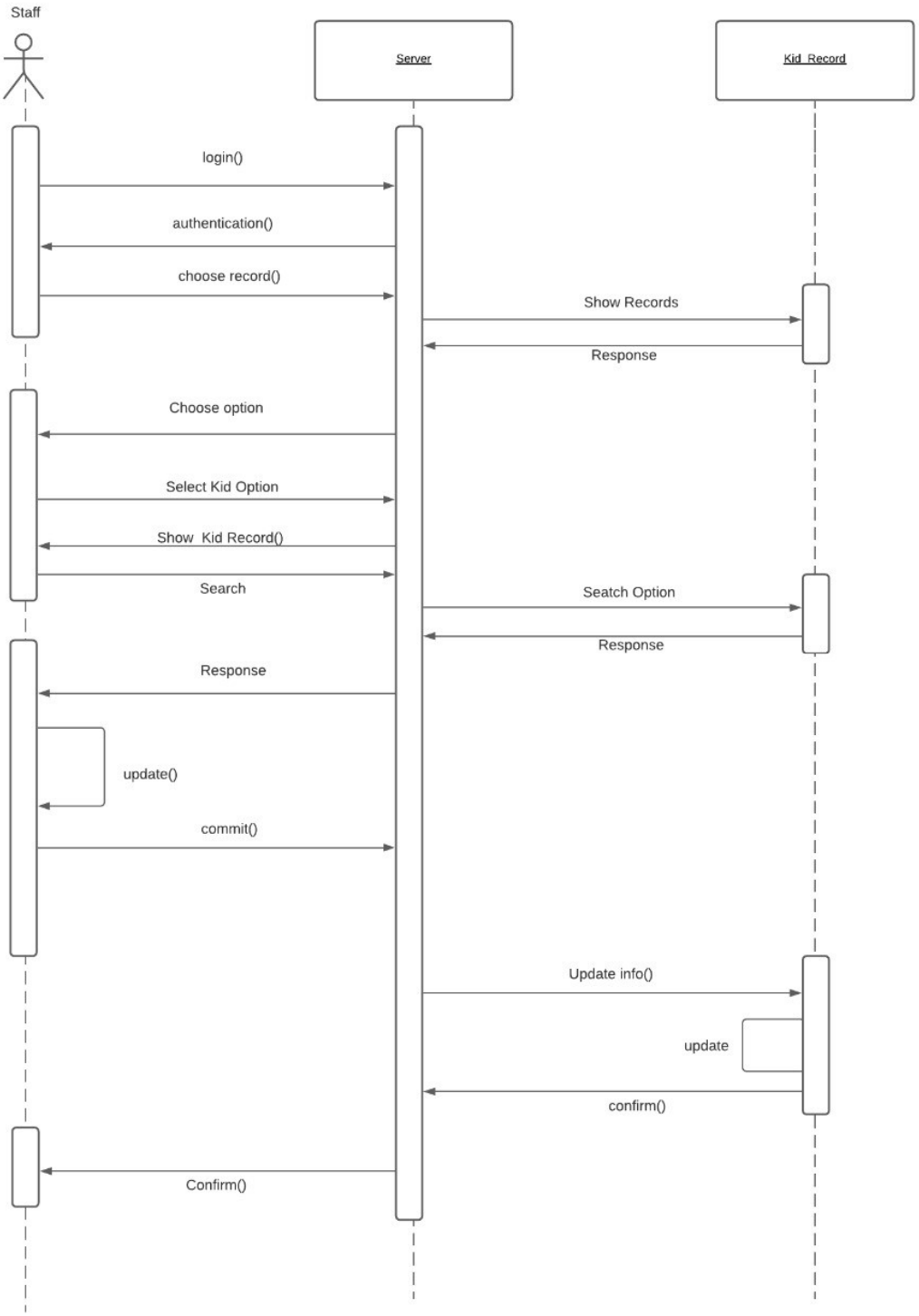
	< repeat step 4 again or abort the task > **[problem with visitor phone number]** System displays an error message 'The phone number is not correct' asking for another phone number. < repeat step 4 again or abort the task > **During Network Issues: (Before entering the date/time info for the tour)** <visitor has to repeat steps 4-6> **(after entering info)** info will be auto saved.
Special Requirements	Stable Internet connection
Precondition	Nil
Postcondition	Information that needs to be added for the tour booking. Or due to abort mission the information is not taken.
Extension Point	**Enter email id**

CLASS DIAGRAM

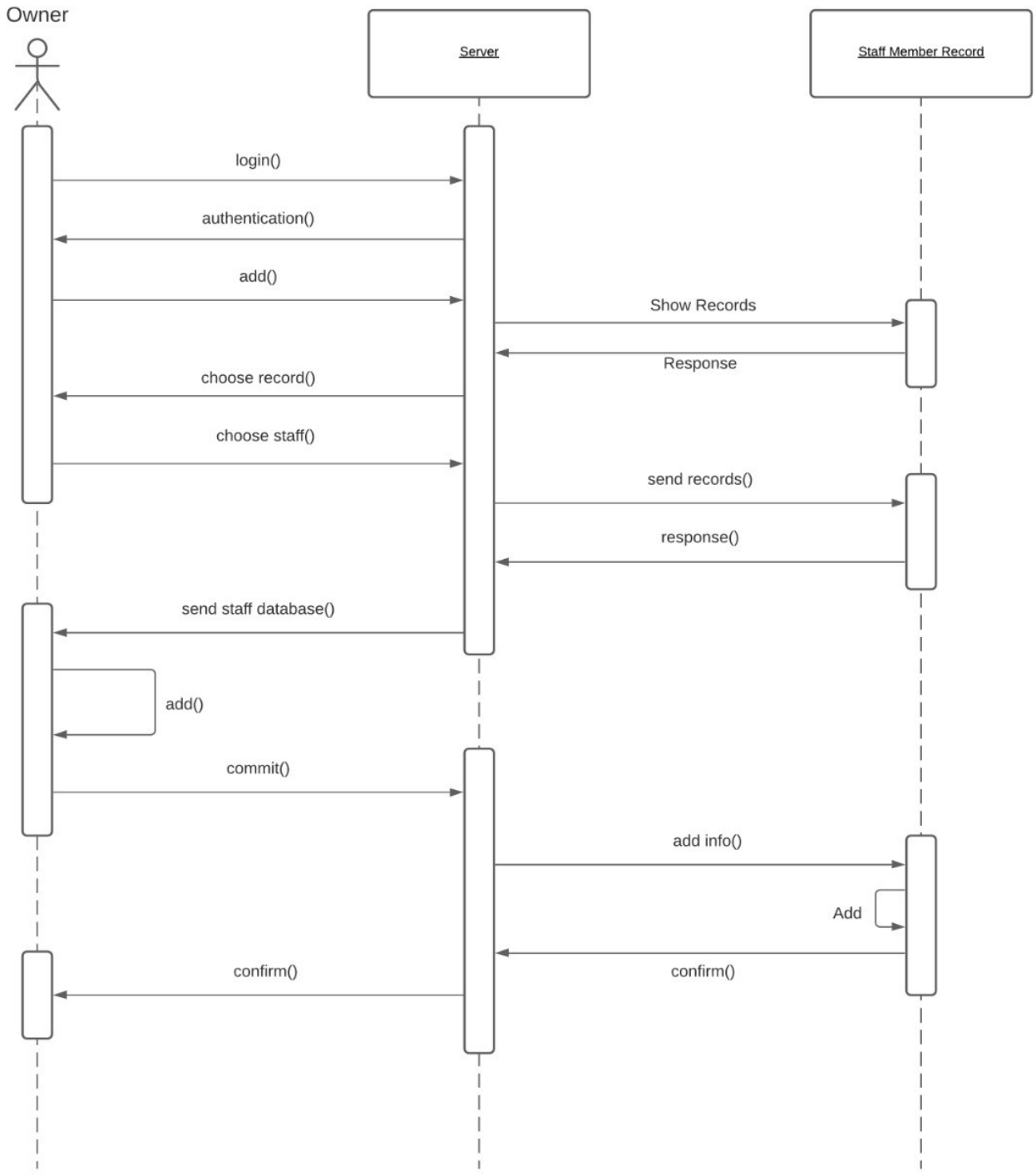


SEQUENCE DIAGRAM

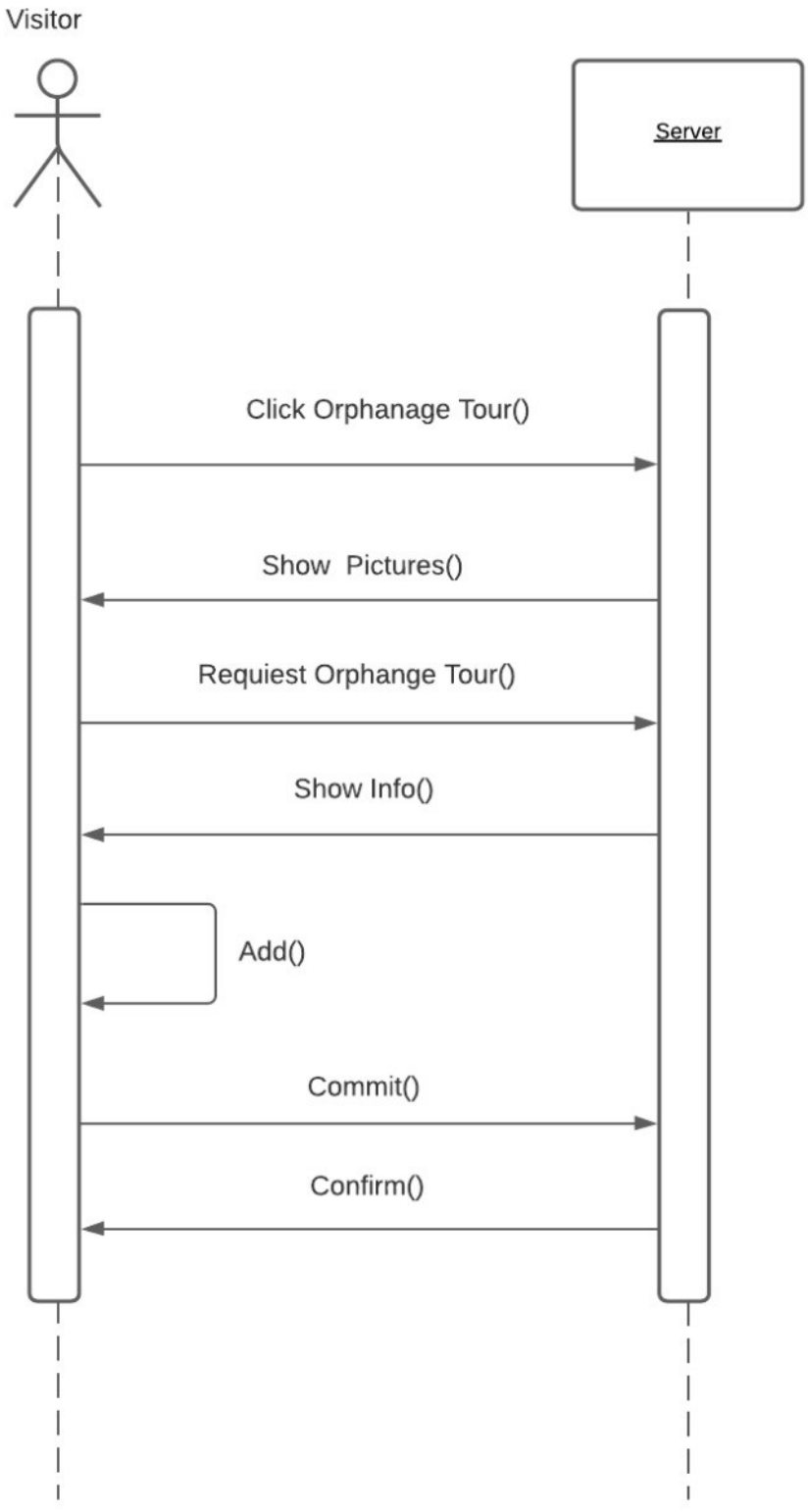
USE CASE
1- UPDATE HEALTH RECORD



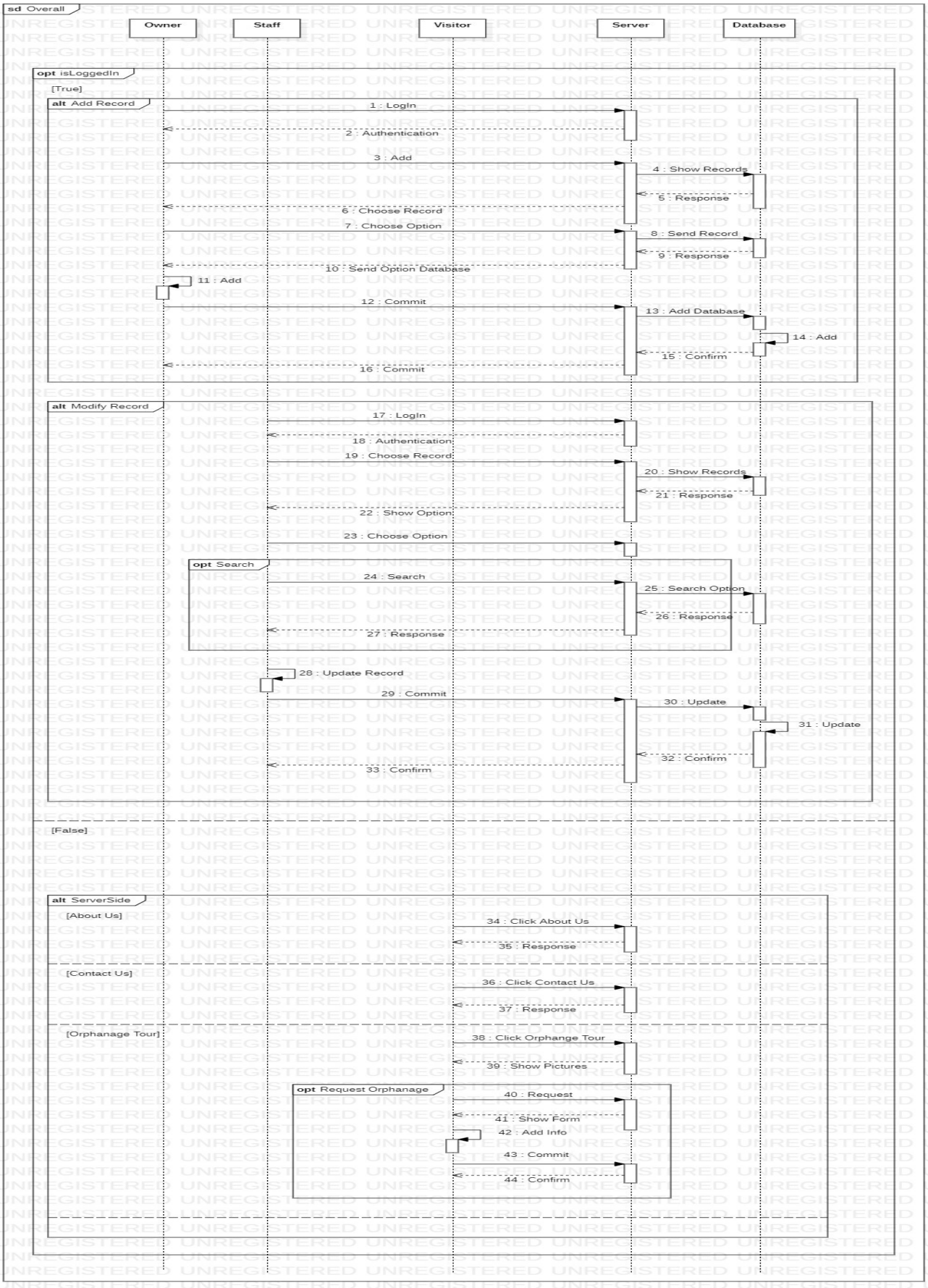
USE CASE
2- ADD STAFF RECORD



USE CASE
3- ORPHANAGE TOUR

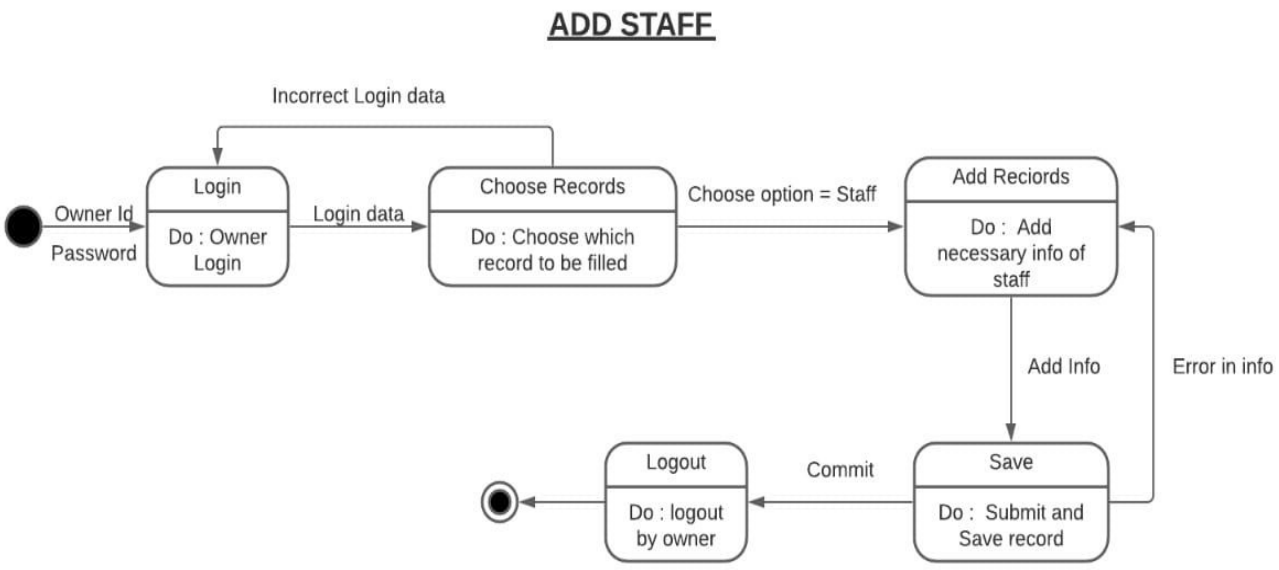


SEQUENCE DIAGRAM OVERALL

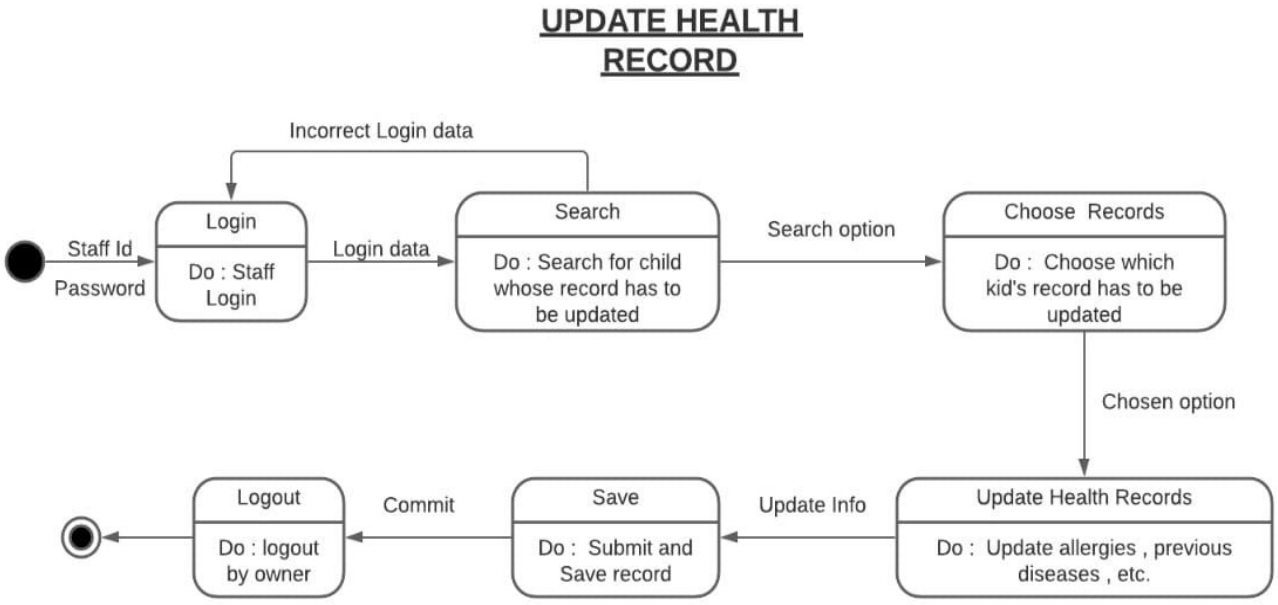


STATE CHART DIAGRAM

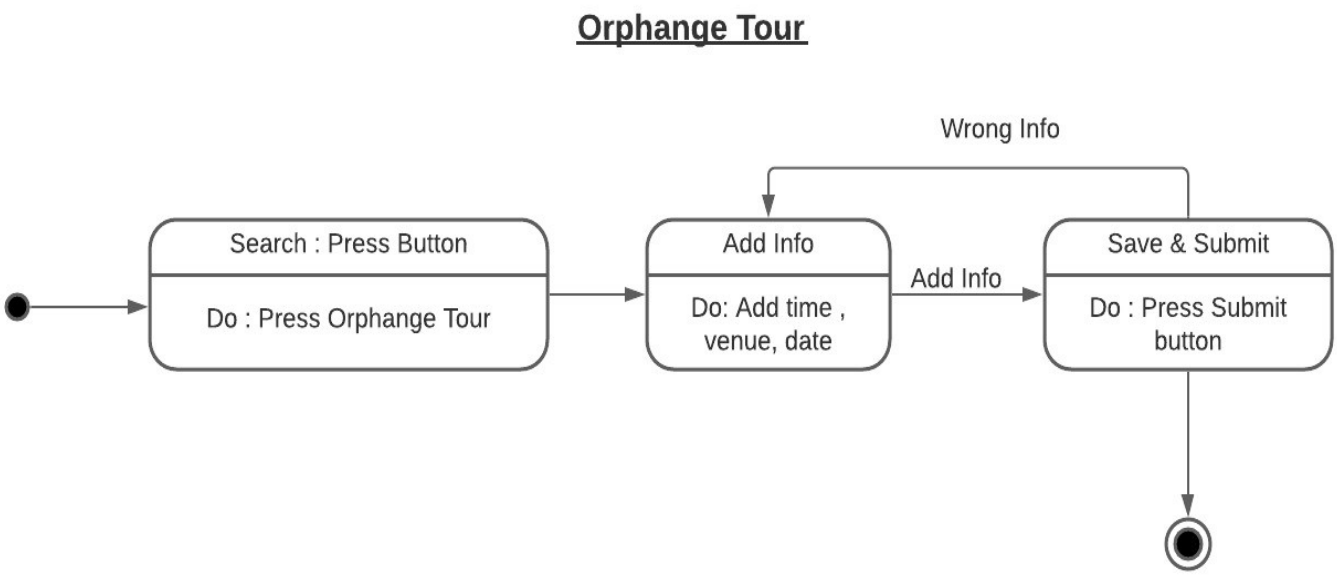
USE CASE
1- ADD STAFF



USE CASE
2- UPDATE HEALTH RECORD

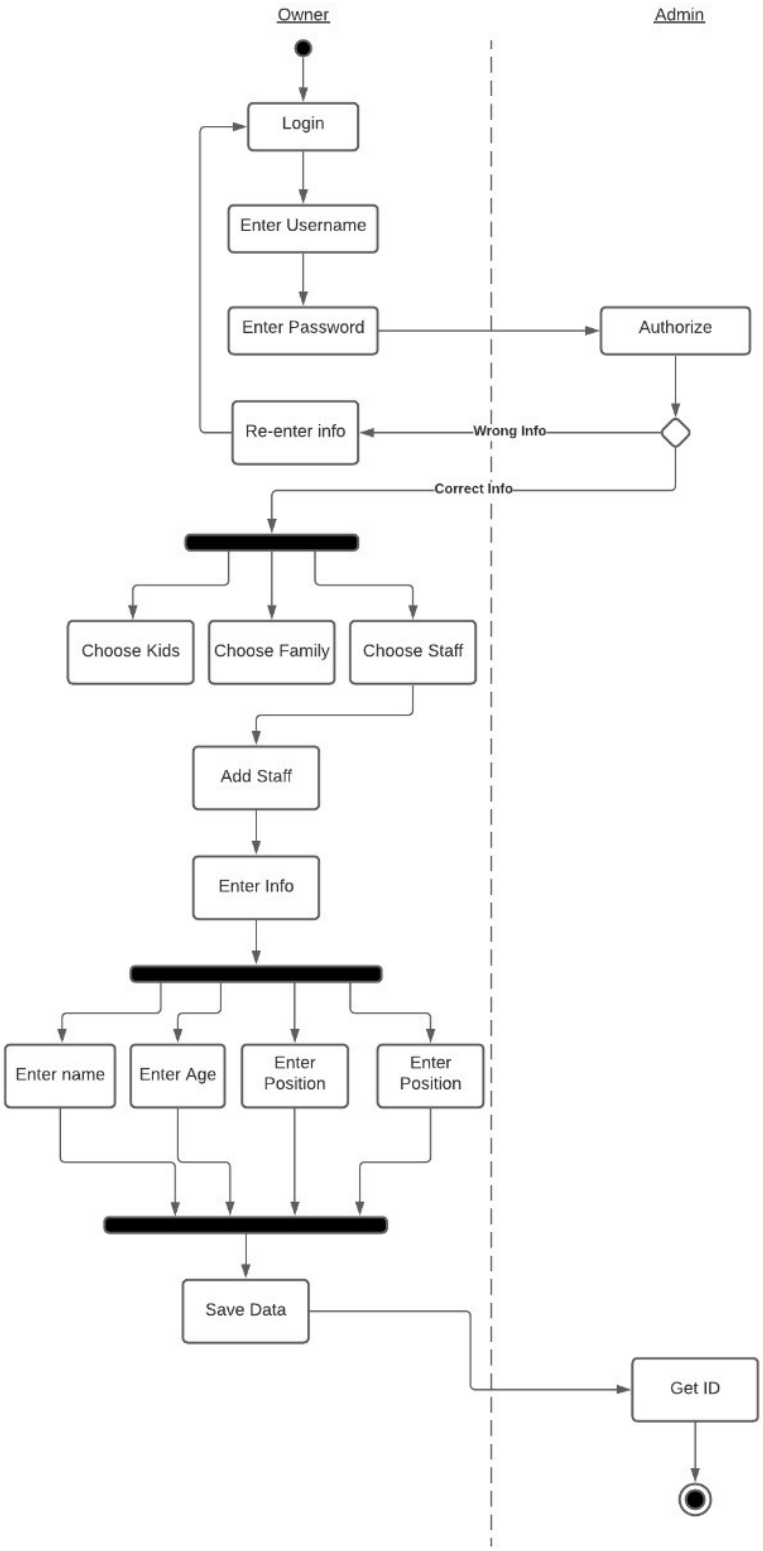


USE CASE
3- ORPHANAGE TOUR

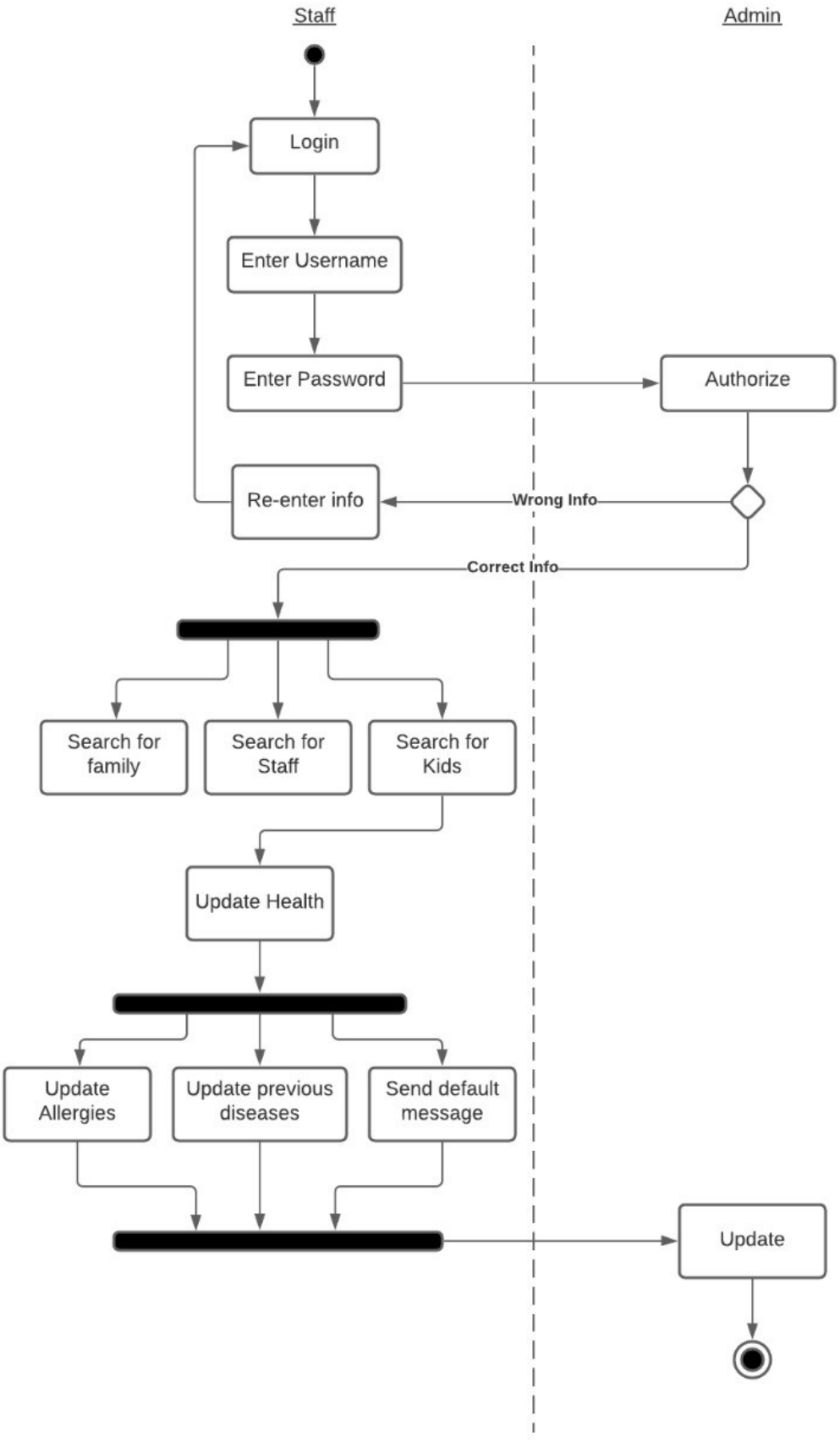


ACTIVITY DIAGRAM

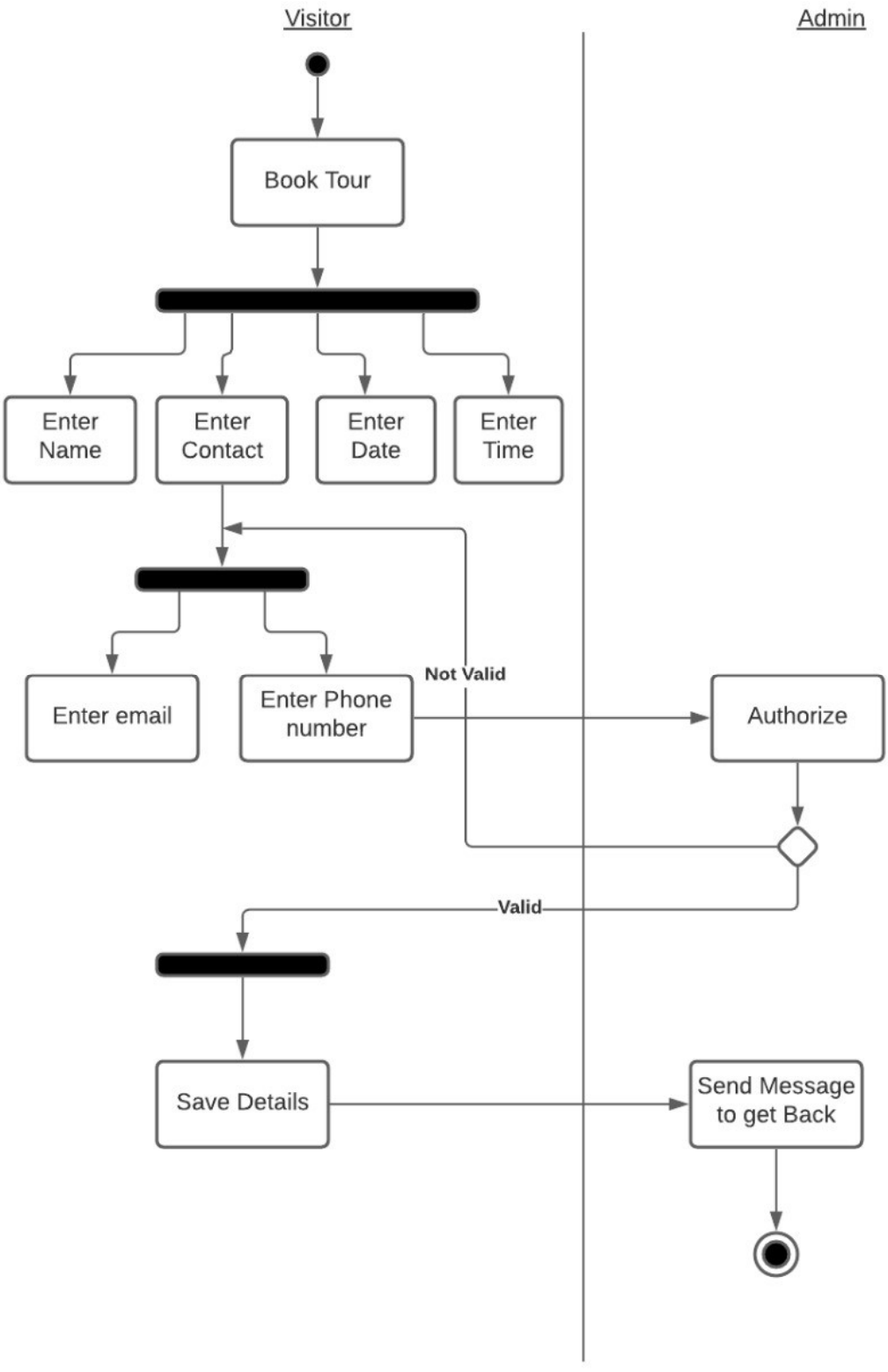
USE CASE
1- ADD STAFF RECORD



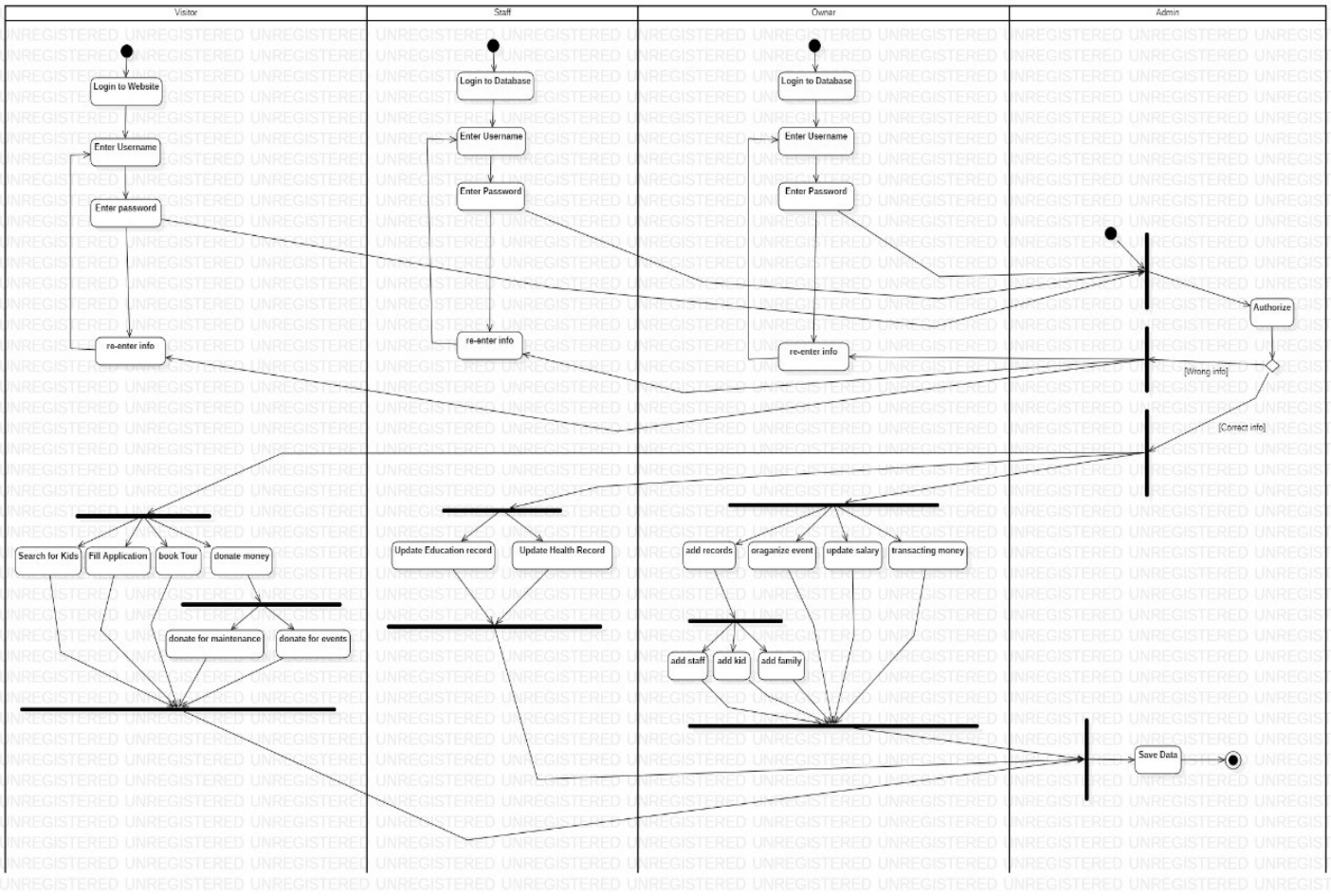
USE CASE
2- UPDATE HEALTH RECORD



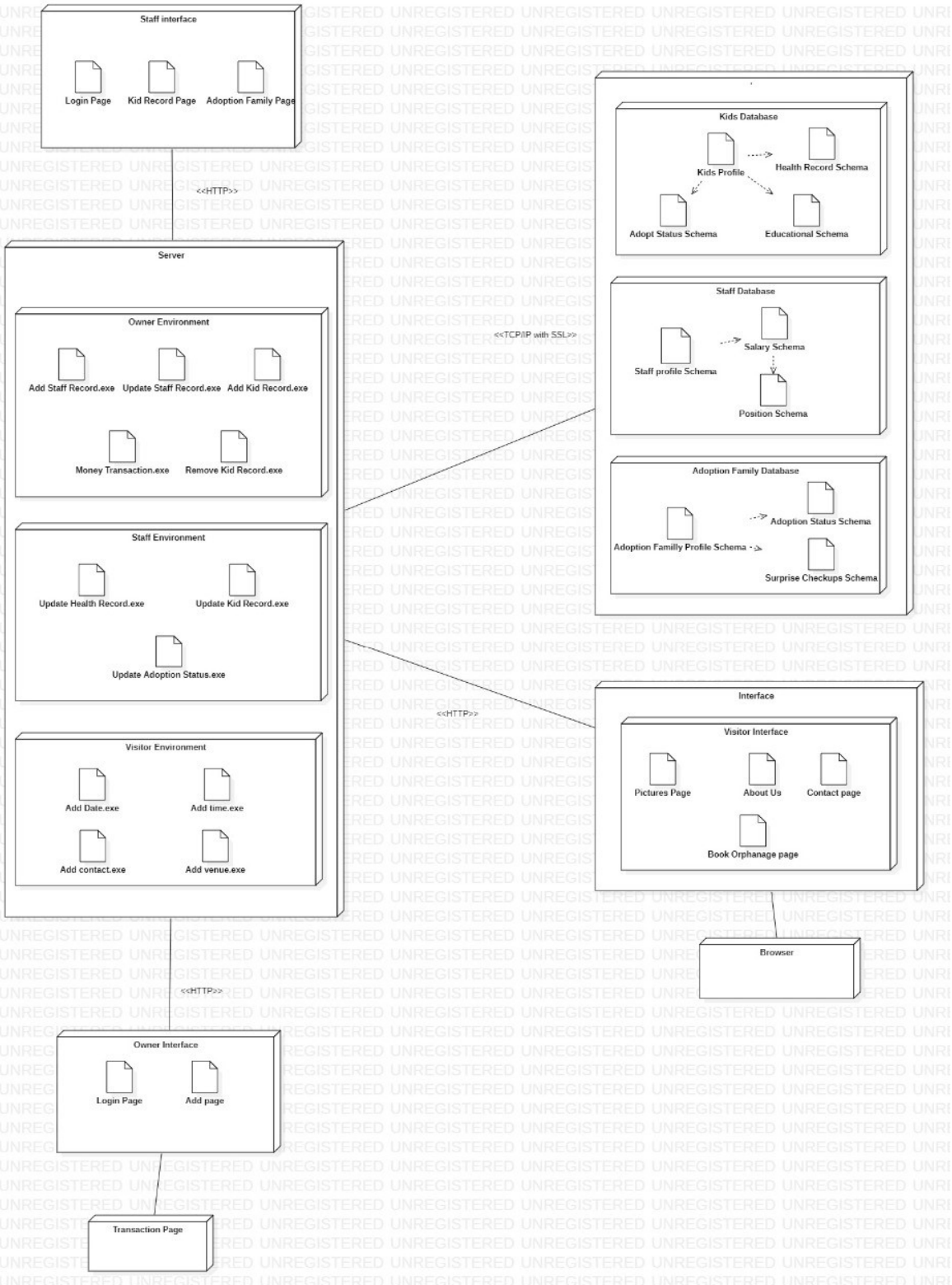
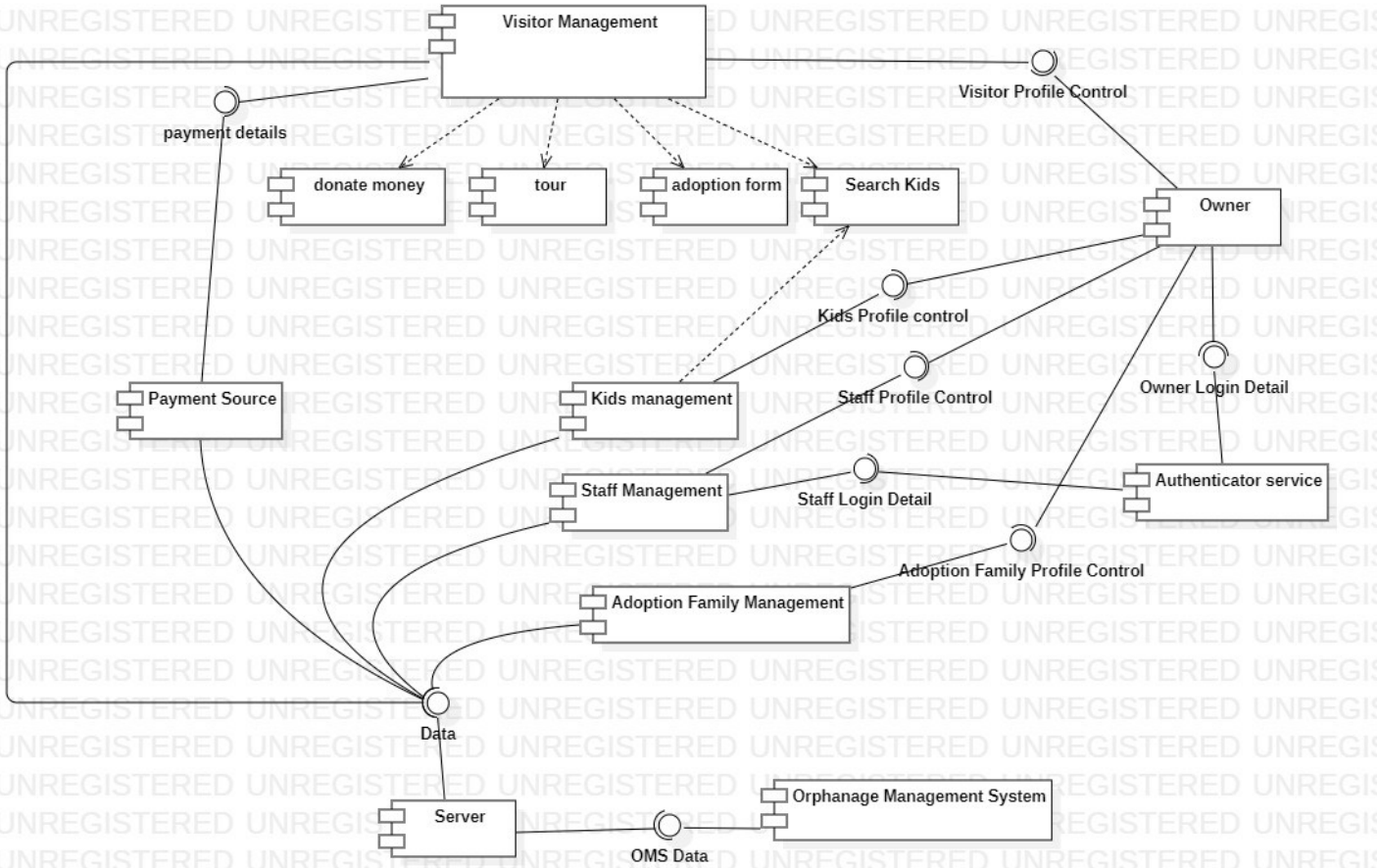
USE CASE
3- BOOK ORPHANAGE TOUR



ACTIVITY DIAGRAM OVERALL



DEPLOYMENT DIAGRAM



COMPONENT DIAGRAM