Student

USN ∞ (Primary Key)	Name	Admission Number	Email	Password

NGO

Name (Primary Key)	Image URL	Description	Availability	Password

StudNGO

USN ∞	NGO	Hours

After tables and values have been inserted

1. Login

SELECT * FROM STUDENT WHERE USN=? AND PASSWORD = ?;
SELECT * FROM NGO WHERE NAME=? AND PASSWORD=?;
Example of execution but in PHP:
$sql = "SELECT * FROM LOGIN WHERE USERNAME=? AND PASSWORD=?";
$stmt = $conn->prepare($sql);
$stmt->bind_param("ss", $Name, $Password);
$stmt->execute();
$result = $stmt->get_result(); // get the mysqli result
if (mysqli_num_rows($result) > 0) {
  header("Location: http://localhost/patient.php");
  exit();
} else {
    // Display the alert box
    echo "<script>
    alert('You may have entered wrong values!');
    window.location.href='http://localhost/loginpage.html';
    </script>";
}

2. Sign Up

INSERT INTO STUDENT(USN, Name, Admission_Number, Email, Password)
VALUES (?,?,?,?,?);

3. All NGOs they are in contact with

SELECT * FROM STUDNGO
WHERE USN=?;

4. Change visibility status

UPDATE NGO

SET AVAILABILITY = NOT AVAILABILITY
WHERE NAME = ?;

5. Change Description
UPDATE NGO
SET DESCRIPTION=?
WHERE NAME=?;

6. View Student List
SELECT S.USN, S.NAME
FROM STUDENT S, STUDNGO N
WHERE N.NGO=? AND S.USN=N.USN;

7. Hours tally
SELECT NGO, HOURS
FROM STUDNGO
WHERE USN=?;

8. Pick NGO
INSERT INTO STUDNGO(USN, NGO, Hours) VALUES (?,?,0);