



Topic : Online Voting System

Group no : PRO_8

Campus : Malabe

Submission Date : 2022/05/20

We declare that this is our own work and this Assignment does not incorporate without acknowledgment any material previously submitted by anyone else in SLIIT or any other university/Institute. And we declare that each one of us equally contributed to the completion of this Assignment.

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❖ *System Requirements for Online Voting System Judger registration and feedback.*

- Judger can sign up to the web site by providing First name, Last name, Employee ID, National ID, email, contact no, Password and Confirm password for register to the system.
 - Any visitor can view the homepage.
 - All the Judger can login to the web site by providing email and password.
 - Admin can update all details in judgers
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- User can login to the system after them click to the feedback button
 - Then user enter the user name and email after type a feedback message.
 - Then click to send button .

❖ *Identified Classes using Noun Verb Analysis.*

➤ Identified Classes:

- User
- Admin
- Judger

➤ Nouns:

- User (Classes)
- Admin (Classes)
- Judger (Classes)
- First name
- Last name
- Email
- Judger ID
- NIC
- Address
- Password
- Job Type
- Contact No

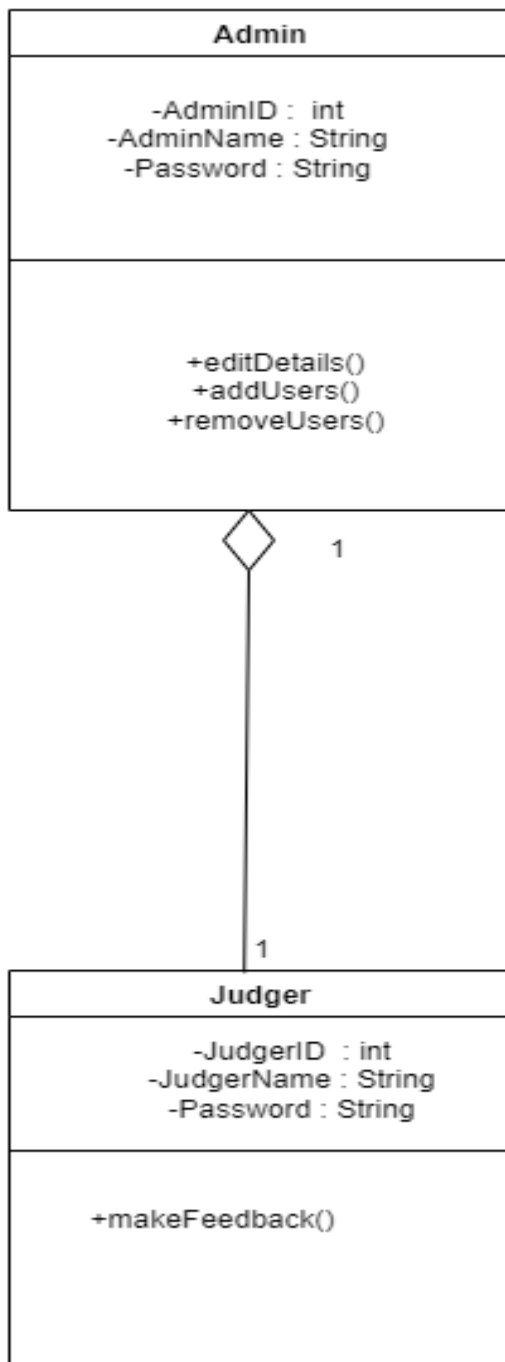
❖ CRC Cards for Online Voting System.

Admin:

Responsibilities: - Add, View and delete, update Judger details .

Collaborations: - Judger.

❖ Class Diagram



❖ **Judger Class**

```
#include <iostream>
#include <cstring>
#define SIZE 5
using namespace std;
class Admin;
class User;
class Judger;

class Judger{
private:
    int JudgerID;
    string Name;
    string password;

public:
    Judger();
    Judger(int p_JudgerID, string p_Name, string p_password );
    void makeFeedback();
};

Judger::Judger(){
    JudgerID = 0;
    strcpy(Name, "");
    strcpy(password, "");
}

Judger::Judger(p_JudgerID, string p_Name, string p_password){
    JudgerID = p_JudgerID;
    strcpy(Name, p_Name);
    strcpy(password, p_password);
}

void Employee::makeFeedback(){
}

Judger::~Judger(){
```

```
}
```

❖ ***Admin Class***

```
class Admin{
private:
    int adminID;
    string adminName;
    string password;

public:
    Admin();
    Admin(int p_adminID, string p_adminName, string p_password);
    void editDetails();
    void addUsers();
    void removeUsers();
    ~Admin();
};

Admin::Admin(){
    adminID = 0;
    strcpy(adminName, "");
    strcpy(password, "");
}

Admin::Admin(int p_adminID, string p_adminName, string p_password){
    adminID = p_adminID;
    strcpy(adminName, p_adminName);
    strcpy(password, p_password);
}

void Admin::editDetails(){
}

void Admin::addUsers(){
}

void Admin::removeUsers(){
}

Admin::~~Admin(){
}
```