Cse311 Final Project

Faculty- KAMRUDDIN MD.NUR

Information System for Cricket Clubs of Bangladesh

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SECTION – 08

GROUP NO - 12

Cricket Players and Clubs Information System Description

Overview

This project aims to make data base of cricket clubs of Bangladesh

Aims and obejctives

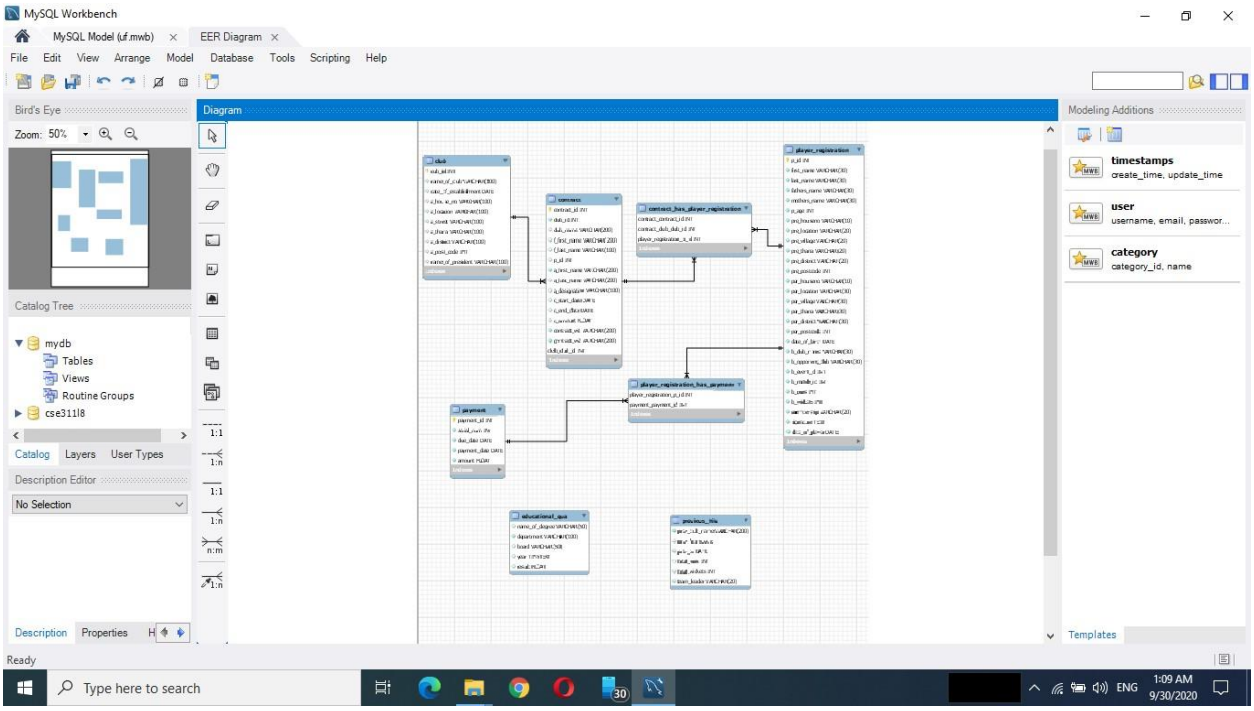
The aim of this system is to keep information of all the cricket players and clubs of Bangladesh. There are many cricket clubs in Bangladesh. A club has many players. A player registers to a club for a certain period of time with a start date and end date and signs a contract with the club. In the contract a total fee and a schedule of payment is mentioned. In the payment schedule, there is a payment id which is unique for a schedule of the player. Other information for the payment is schedule date, amount and actual payment date. The sum of the total payment of the schedule cannot be more or less than the fee mentioned in the contract. A player's profile must be stored in the database as follows

Name, father's name, mother's name, educational qualifications (degree name, department/ institute, Board/ University, Year), previous clubs where he played for (club id, start date, end date, total runs, total wickets), international events (event id, location, performance details etc. (Here student can add attributes of importance to describe the performance details of the player.) To enroll to any club, the player needs to fill up a registration for as per Attachment 1. After submission of the registration form, if the club decides to hire the player for the club, a contract is signed as per Attachment 2. A new club is registered after submission of information as per Attachment 3.

Bangladesh Cricket Control Board (BCCB) organizes different types of events. An event has an event id, location, start date, end date. In an event, there are many matches in different times in different venues. Many matches can be organized in a venue in different times but a match must be organized in a single venue. Every match has a match id, date, team-batting-first, team-bowling-first. You have to keep the performance of every player of every match according to the form as per Attachment 4-1 and the details information about the event as per Attachment 4-2.

The club forms teams to participate to different events organized by BCCB in different times. Among the players, a team leader is selected. Different teams of the club can have different team leader. A team has a team id, date of formation and team leader. A team must be form with a maximum of 15 players. A player can play many teams in different times. A team is formed for exactly one event. In the event, a team participates in many matches. The team information is kept as per the Attachment 5.

ER Diagram



Name of the tables

1.club
2.contract
3.educational_qua
4.payment
5.player_registration
6.previous_his

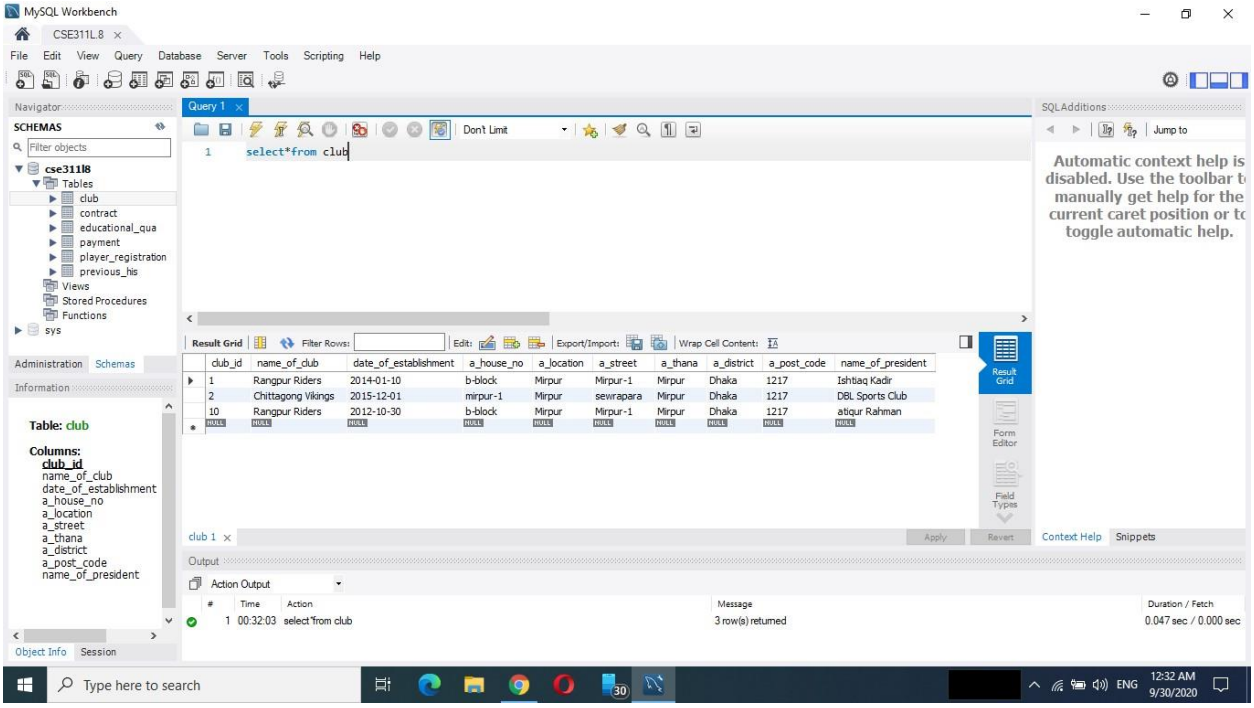

MySQL Workbench
CSE311L8
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
cse311l8
Tables
club
contract
educational_qua
payment
player_registration
previous_his
Views
Stored Procedures
Functions
sys
Administration Schemas
Information
Table: club
Columns:
club_id
name_of_club
date_of_establishment
a_house_no
a_location
a_street
a_thana
a_district
a_post_code
name_of_president
Object Info Session
Query 1
Don't Limit
1 select*from club
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or tc toggle automatic help.
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
club_id name_of_club date_of_establishment a_house_no a_location a_street a_thana a_district a_post_code name_of_president
1 Rangpur Riders 2014-01-10 b-block Mirpur Mirpur-1 Mirpur Dhaka 1217 Ishtiaq Kadir
2 Chittagong Vikings 2015-12-01 mirpur-1 Mirpur sewrapara Mirpur Dhaka 1217 DBL Sports Club
10 Rangpur Riders 2012-10-30 b-block Mirpur Mirpur-1 Mirpur Dhaka 1217 atiqur Rahman
Result Grid
Form Editor
Field Types
club 1
Apply Revert
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 00:32:03 select*from club 3 row(s) returned 0.047 sec / 0.000 sec
Type here to search
ENG
12:32 AM
9/30/2020

Table 1: club

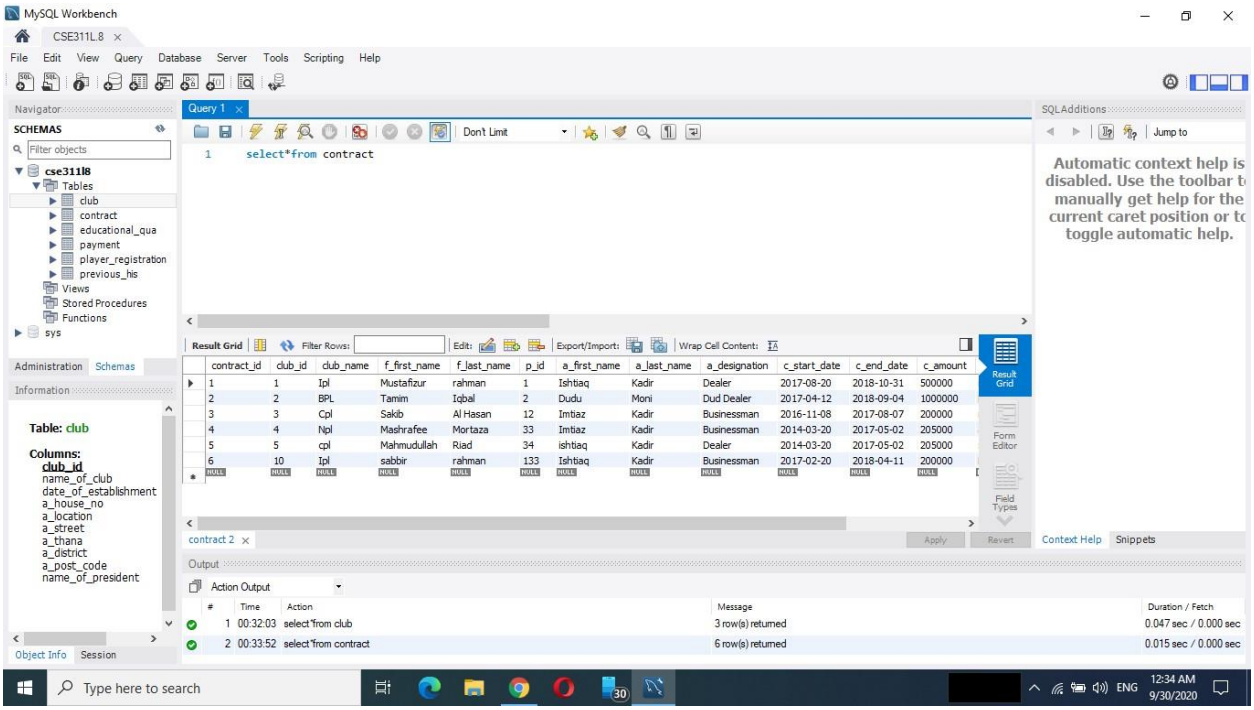


Table 2: contract

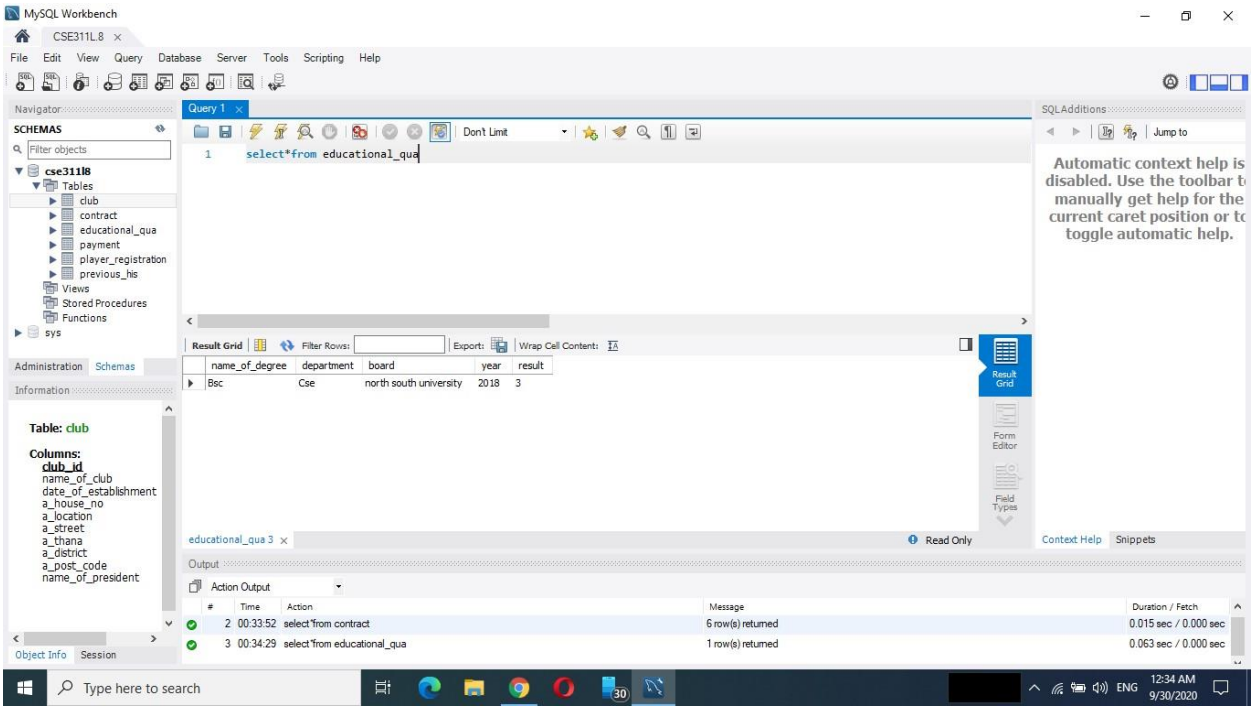


Table 3: educational_qua

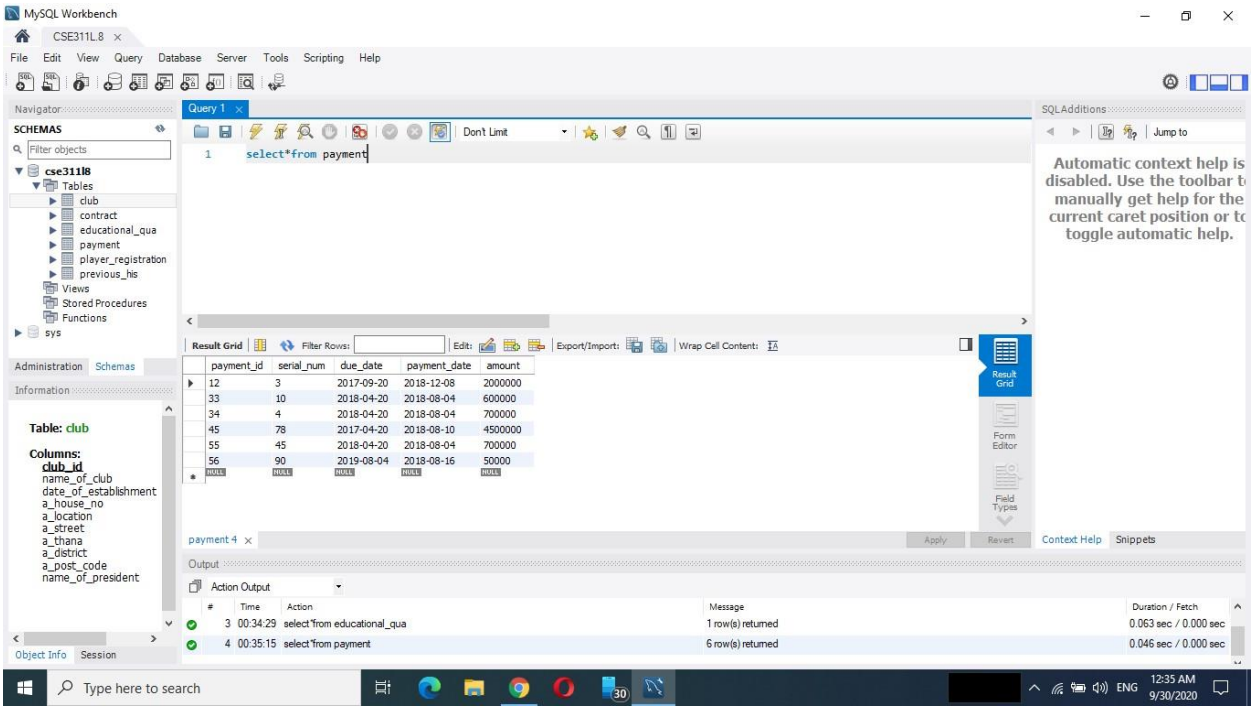


Table 4: payment

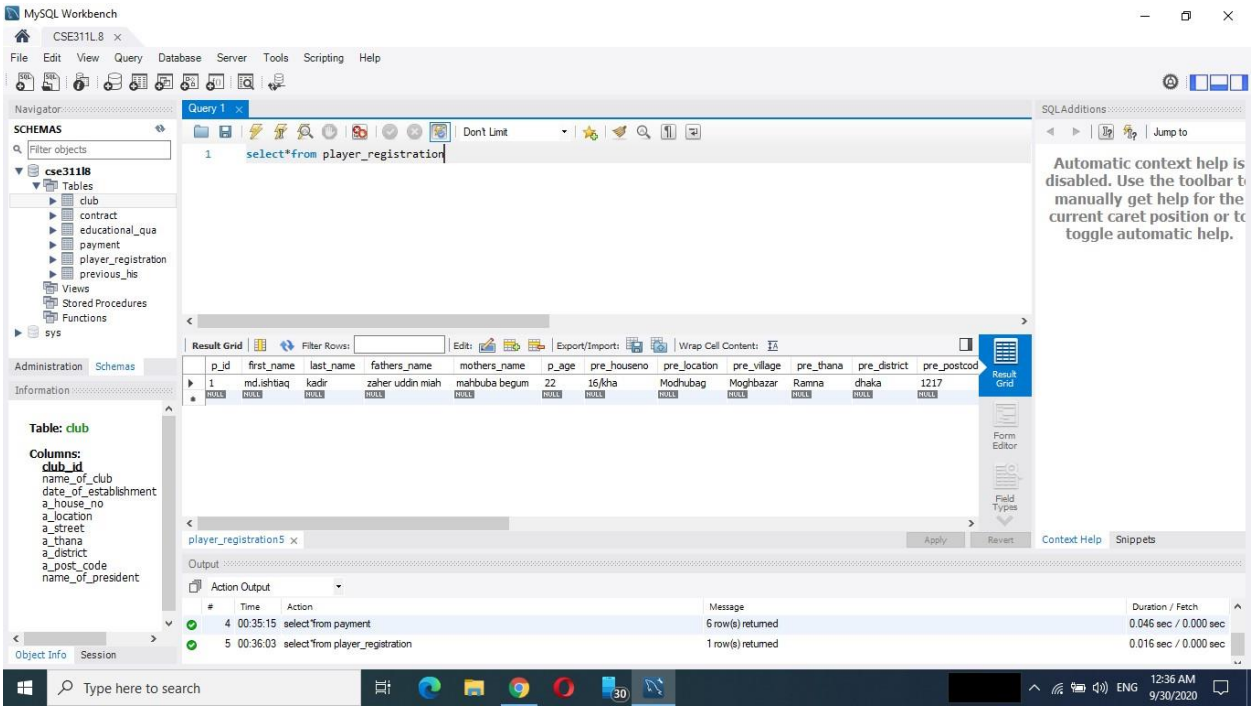


Table 5: player_registration

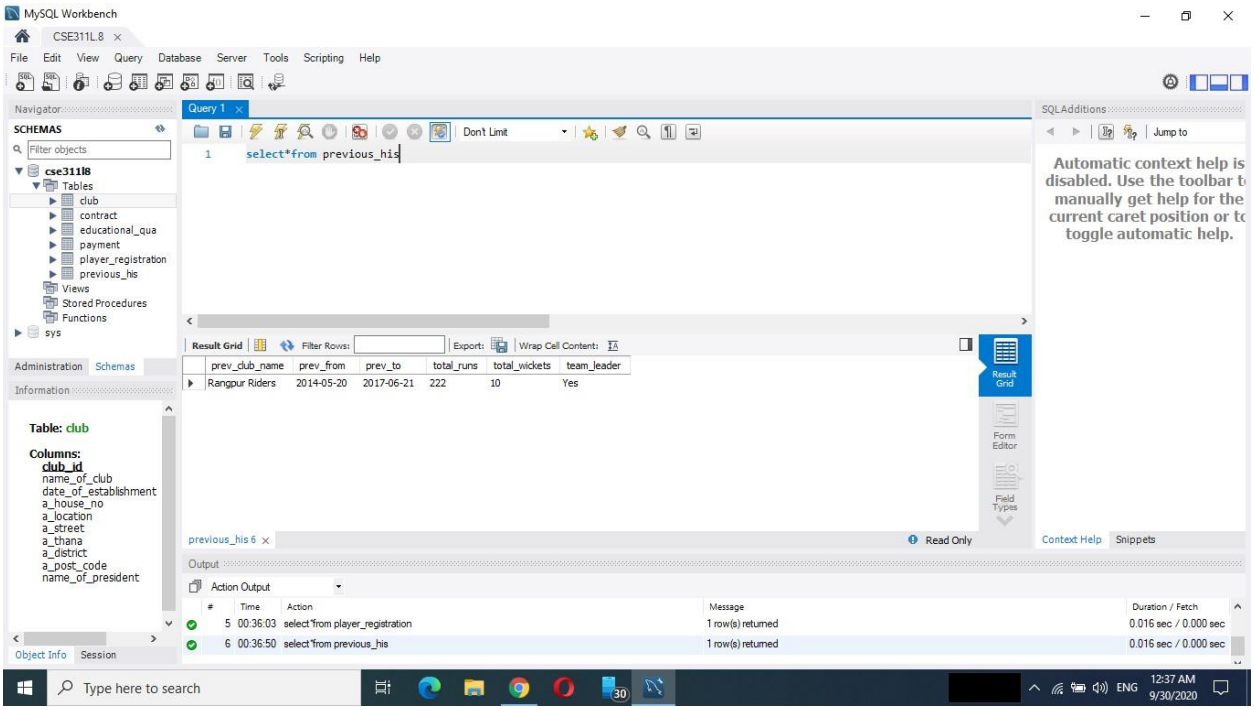


Table 6: previous_his

QUERY FOR ALL TABLES

```
-- Database: `project`
--

-- --------------------------------------------------------

--
-- Table structure for table `club`
--

CREATE TABLE `club` (
  `club_id` int(20) NOT NULL,
  `name_of_club` varchar(100) DEFAULT NULL,
```

```
  `date_of_establishment` date DEFAULT NULL,
  `a_house_no` varchar(100) DEFAULT NULL,
  `a_location` varchar(100) DEFAULT NULL,
  `a_street` varchar(100) DEFAULT NULL,
  `a_thana` varchar(100) DEFAULT NULL,
  `a_district` varchar(100) DEFAULT NULL,
  `a_post_code` int(20) DEFAULT NULL,
  `name_of_president` varchar(100) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `club`
--

INSERT INTO `club` (`club_id`, `name_of_club`, `date_of_establishment`, `a_house_no`, `a_location`, `a_street`, `a_thana`,
`a_district`, `a_post_code`, `name_of_president`) VALUES
(1, 'Rangpur Riders', '2014-01-10', 'b-block', 'Mirpur', 'Mirpur-1', 'Mirpur', 'Dhaka', 1217, 'Ishtiaq Kadir'),
(2, 'Chittagong Vikings', '2015-12-01', 'mirpur-1', 'Mirpur', 'sewrapara', 'Mirpur', 'Dhaka', 1217, 'DBL Sports Club'),
(10, 'Rangpur Riders', '2012-10-30', 'b-block', 'Mirpur', 'Mirpur-1', 'Mirpur', 'Dhaka', 1217, 'atiqur Rahman');

-- --------------------------------------------------------

--
-- Table structure for table `contract`
--

CREATE TABLE `contract` (
  `contract_id` int(20) NOT NULL,
  `club_id` int(20) NOT NULL,
  `club_name` varchar(200) DEFAULT NULL,
  `f_first_name` varchar(200) DEFAULT NULL,
  `f_last_name` varchar(100) DEFAULT NULL,
  `p_id` int(20) DEFAULT NULL,
  `a_first_name` varchar(200) NOT NULL,
  `a_last_name` varchar(200) DEFAULT NULL,
  `a_designation` varchar(100) DEFAULT NULL,
  `c_start_date` date DEFAULT NULL,
  `c_end_date` date DEFAULT NULL,
  `c_amount` float DEFAULT NULL,
  `contract_w1` varchar(200) NOT NULL,
  `contract_w2` varchar(200) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `contract`
--

INSERT INTO `contract` (`contract_id`, `club_id`, `club_name`, `f_first_name`, `f_last_name`, `p_id`, `a_first_name`,
`a_last_name`, `a_designation`, `c_start_date`, `c_end_date`, `c_amount`, `contract_w1`, `contract_w2`) VALUES
(1, 1, 'Ipl', 'Mustafizur ', 'rahman', 1, 'Ishtiaq', 'Kadir', 'Dealer', '2017-08-20', '2018-10-31', 500000, 'ishtiaq', 'kabir'),
(2, 2, 'BPL', 'Tamim', 'Iqbal', 2, 'Dudu', 'Moni', 'Dud Dealer', '2017-04-12', '2018-09-04', 1000000, 'ishtiaq', 'kabir'),
```

```
(3, 3, 'Cpl', 'Sakib ', 'Al Hasan', 12, 'Imtiaz', 'Kadir', 'Businessman', '2016-11-08', '2017-08-07', 200000, 'mahfil', 'Sakib'),
(4, 4, 'Npl', 'Mashrafee', 'Mortaza', 33, 'Imtiaz', 'Kadir', 'Businessman', '2014-03-20', '2017-05-02', 205000, 'abir', 'mahmud'),
(5, 5, 'cpl', 'Mahmudullah', 'Riad', 34, 'ishtiaq', 'Kadir', 'Dealer', '2014-03-20', '2017-05-02', 205000, 'sakib', 'ali'),
(6, 10, 'Ipl', 'sabbir', 'rahman', 133, 'Ishtiaq', 'Kadir', 'Businessman', '2017-02-20', '2018-04-11', 200000, 'ishtiaq', 'kabir');

-- --------------------------------------------------------

--
-- Table structure for table `educational_qua`
--

CREATE TABLE `educational_qua` (
  `name_of_degree` varchar(50) DEFAULT NULL,
  `department` varchar(100) NOT NULL,
  `board` varchar(50) DEFAULT NULL,
  `year` tinytext,
  `result` float DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `educational_qua`
--

INSERT INTO `educational_qua` (`name_of_degree`, `department`, `board`, `year`, `result`) VALUES
('Bsc', 'Cse', 'north south university', '2018', 3);

-- --------------------------------------------------------

--
-- Table structure for table `payment`
--

CREATE TABLE `payment` (
  `payment_id` int(20) NOT NULL,
  `serial_num` int(25) NOT NULL,
  `due_date` date NOT NULL,
  `payment_date` date NOT NULL,
  `amount` float NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `payment`
--

INSERT INTO `payment` (`payment_id`, `serial_num`, `due_date`, `payment_date`, `amount`) VALUES
(12, 3, '2017-09-20', '2018-12-08', 2000000),
(33, 10, '2018-04-20', '2018-08-04', 600000),
(34, 4, '2018-04-20', '2018-08-04', 700000),
(45, 78, '2017-04-20', '2018-08-10', 4500000),
(55, 45, '2018-04-20', '2018-08-04', 700000),
(56, 90, '2019-08-04', '2018-08-16', 50000);
```

```
-- --------------------------------------------------------

--
-- Table structure for table `player_registration`
--

CREATE TABLE `player_registration` (
  `p_id` int(200) NOT NULL,
  `first_name` varchar(30) NOT NULL,
  `last_name` varchar(30) NOT NULL,
  `fathers_name` varchar(30) NOT NULL,
  `mothers_name` varchar(30) NOT NULL,
  `p_age` int(10) NOT NULL,
  `pre_houseno` varchar(10) NOT NULL,
  `pre_location` varchar(20) NOT NULL,
  `pre_village` varchar(20) NOT NULL,
  `pre_thana` varchar(20) NOT NULL,
  `pre_district` varchar(20) NOT NULL,
  `pre_postcode` int(20) NOT NULL,
  `per_houseno` varchar(10) NOT NULL,
  `per_location` varchar(30) NOT NULL,
  `per_village` varchar(30) NOT NULL,
  `per_thana` varchar(30) NOT NULL,
  `per_district` varchar(30) NOT NULL,
  `per_postcode` int(20) NOT NULL,
  `date_of_birth` date NOT NULL,
  `b_club_name` varchar(30) NOT NULL,
  `b_opponent_club` varchar(30) NOT NULL,
  `b_event_id` int(20) NOT NULL,
  `b_match_id` int(20) NOT NULL,
  `b_runs` int(20) NOT NULL,
  `b_wickets` int(20) NOT NULL,
  `membership` varchar(20) NOT NULL,
  `signature` text NOT NULL,
  `date_of_player` date NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `player_registration`
--

INSERT INTO `player_registration` (`p_id`, `first_name`, `last_name`, `fathers_name`, `mothers_name`, `p_age`, `pre_houseno`,
`pre_location`, `pre_village`, `pre_thana`, `pre_district`, `pre_postcode`, `per_houseno`, `per_location`, `per_village`,
`per_thana`, `per_district`, `per_postcode`, `date_of_birth`, `b_club_name`, `b_opponent_club`, `b_event_id`, `b_match_id`,
`b_runs`, `b_wickets`, `membership`, `signature`, `date_of_player`) VALUES
(1, 'md.ishtiaq', 'kadir', 'zaher uddin miah', 'mahbuba begum', 22, '16/kha', 'Modhubag', 'Moghbazar', 'Ramna', 'dhaka', 1217,
'16/kha', 'modhubag', 'mogbazar', 'ramna', 'Dhaka', 1217, '1995-11-03', 'Duronto Rajshahi', 'Comilla riders', 1, 1, 100, 2, 'Ipl',
'ishtiaq', '2018-08-19');

-- --------------------------------------------------------
```

```
--
-- Table structure for table `previous_his`
--

CREATE TABLE `previous_his` (
  `prev_club_name` varchar(200) NOT NULL,
  `prev_from` date DEFAULT NULL,
  `prev_to` date DEFAULT NULL,
  `total_runs` int(20) DEFAULT NULL,
  `total_wickets` int(20) DEFAULT NULL,
  `team_leader` varchar(20) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `previous_his`
--

INSERT INTO `previous_his` (`prev_club_name`, `prev_from`, `prev_to`, `total_runs`, `total_wickets`, `team_leader`) VALUES
('Rangpur Riders', '2014-05-20', '2017-06-21', 222, 10, 'Yes');

--
-- Indexes for dumped tables
--

--
-- Indexes for table `club`
--
ALTER TABLE `club`
  ADD PRIMARY KEY (`club_id`);

--
-- Indexes for table `contract`
--
ALTER TABLE `contract`
  ADD PRIMARY KEY (`contract_id`),
  ADD UNIQUE KEY `p_id` (`p_id`);

--
-- Indexes for table `payment`
--
ALTER TABLE `payment`
  ADD PRIMARY KEY (`payment_id`);

--
-- Indexes for table `player_registration`
--
ALTER TABLE `player_registration`
  ADD PRIMARY KEY (`p_id`),
  ADD UNIQUE KEY `b_event_id` (`b_event_id`),
  ADD UNIQUE KEY `p_id` (`p_id`);
```

```
--
-- AUTO_INCREMENT for dumped tables
--

--
-- AUTO_INCREMENT for table `payment`
--
ALTER TABLE `payment`
  MODIFY `payment_id` int(20) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=60;

--
-- AUTO_INCREMENT for table `player_registration`
--
ALTER TABLE `player_registration`
  MODIFY `p_id` int(200) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=2;
COMMIT;
```

Attachment 1

Player Registration Form

First Name: _____ Middle Name _____ Last Name _____

Father's Name _____ Mother,s Name _____

Present Address

House No. _____ Location _____ Village/Street _____

Thana _____ District _____ Post code _____

Permanent Address

House No. _____ Location _____ Village/Street _____

Thana _____ District _____ Post code _____

Date of Birth _____ (DD-MM-YYYY)

Previous History

Club Name	From	To	Total Runs	Total Wickets	Team leader (Y/N)

Best Performance

Club Name	Opponent club name	Event Id	Match Id	Runs	Wickets

Educational Qualifications

Name of degree	Institute/Department	Board/University	Year	Result

Membership

- ICCB
- BCCB
- ACCB
- Others

If others, Name of the organization _____

Signature of the Player: _____

Date: _____

Attachment 2

Contract Form

Club Id _____ Club Name _____

First Party

Name of the Player

First Name: _____ Middle Name _____ Last Name _____

Player Id _____

Second Party

Authorized Person

First Name: _____ Middle Name _____ Last Name _____

Designation _____

Contract Period

Start Date _____ (DD-MM-YYYY) End Date _____(DD-MM-YYYY)

Contract Amount _____

Payment Schedule

Serial Number	Due date	Payment date	Amount

Contract witness 1: _____

Contract witness 2: _____

Club Registration Form

Name of the club _____

Date of Establishment _____ (DD/MM/YYYY)

Address

House No. _____ Location _____ Village/Street _____

Thana _____ District _____ Post code _____

Name of the President _____

Attachment 4-1

Players Performance in Match Form

Match id _____ Venue Id _____ Date of the Match _____ (DDMMYYYY)