

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI



Department of Computer Applications

PROJECT WORK ON ONLINE STUDENT COURSE REGISTRATION MANAGEMENT SYSTEM

Submitted By

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Under the guidance of

Dr. U. Vignesh

Submitted in fulfillment of the project in DBMS

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI



CERTIFICATE

*This is to certify that **Mas Shivam Sonij**, student of 2nd semester MCA (batch 2019-2022) of National Institute of Technology, Tiruchirappalli has successfully completed the project ONLINE STUDENT COURSE REGISTRATION MANAGEMENT under the guidance of Dr U. Vignesh.*

PROBLEM DESCRIPTION AND ANALYSIS

The Online Student Registration System is a web based portal. It can be used by educational institutes or colleges to maintain the records of students easily. It also provides a less time consuming process for viewing, adding, editing and deleting the marks of the students. Online Registration system will allow online submission of student application, Student Registration, modify student profile. Achieving this objective is difficult using a manual system as the information is scattered, can be redundant and collecting relevant information may be very time consuming. Online Student Registration System Project consists of two functional elements: an enhanced Student module for Registration, Edit Profile, Change Password. The project provides facilities like online registration and profile creation of students thus reducing paperwork and automating the record generation process in an educational institution. Student Information system will store all the details of the students including their background information, educational qualifications, personal details and all the information related to their resume.

INFORMATION ABOUT TABLES

```
--  
-- Table structure for table `admin`  
--
```

```
CREATE TABLE `admin` (  
  `id` int(11) NOT NULL,  
  `username` varchar(255) NOT NULL,  
  `password` varchar(255) NOT NULL,  
  `creationDate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,  
  `updataDate` varchar(255) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--  
-- Table structure for table `course`  
--
```

```
CREATE TABLE `course` (  
  `id` int(11) NOT NULL,  
  `courseCode` varchar(255) DEFAULT NULL,  
  `courseName` varchar(255) DEFAULT NULL,  
  `courseUnit` varchar(255) DEFAULT NULL,  
  `noofSeats` int(11) DEFAULT NULL,  
  `creationDate` timestamp NULL DEFAULT CURRENT_TIMESTAMP,  
  `updataDate` varchar(255) DEFAULT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--  
-- Table structure for table `courseenrolls`  
--
```

```
CREATE TABLE `courseenrolls` (  
  `id` int(11) NOT NULL,  
  `studentRegno` varchar(255) DEFAULT NULL,  
  `pincode` varchar(255) DEFAULT NULL,
```

```
`session` int(11) DEFAULT NULL,  
`department` int(11) DEFAULT NULL,  
`level` int(11) DEFAULT NULL,  
`semester` int(11) DEFAULT NULL,  
`course` int(11) DEFAULT NULL,  
`enrollDate` timestamp NULL DEFAULT CURRENT_TIMESTAMP  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--  
-- Table structure for table `department`  
--
```

```
CREATE TABLE `department` (  
  `id` int(11) NOT NULL,  
  `department` varchar(255) DEFAULT NULL,  
  `creationDate` timestamp NULL DEFAULT CURRENT_TIMESTAMP  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--  
-- Table structure for table `level`  
--
```

```
CREATE TABLE `level` (  
  `id` int(11) NOT NULL,  
  `level` varchar(255) DEFAULT NULL,  
  `creationDate` timestamp NULL DEFAULT CURRENT_TIMESTAMP  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--  
-- Table structure for table `semester`  
--
```

```
CREATE TABLE `semester` (  
  `id` int(11) NOT NULL,  
  `semester` varchar(255) DEFAULT NULL,  
  `creationDate` timestamp NULL DEFAULT CURRENT_TIMESTAMP,  
  `updationDate` varchar(255) DEFAULT NULL
```

```
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--
```

```
-- Table structure for table `session`
```

```
--
```

```
CREATE TABLE `session` (  
  `id` int(11) NOT NULL,  
  `session` varchar(255) DEFAULT NULL,  
  `creationDate` timestamp NULL DEFAULT CURRENT_TIMESTAMP  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--
```

```
-- Table structure for table `students`
```

```
--
```

```
CREATE TABLE `students` (  
  `StudentRegno` varchar(255) NOT NULL,  
  `studentPhoto` varchar(255) DEFAULT NULL,  
  `password` varchar(255) DEFAULT NULL,  
  `studentName` varchar(255) DEFAULT NULL,  
  `pincode` varchar(255) DEFAULT NULL,  
  `session` varchar(255) DEFAULT NULL,  
  `department` varchar(255) DEFAULT NULL,  
  `semester` varchar(255) DEFAULT NULL,  
  `cgpa` decimal(10,2) DEFAULT NULL,  
  `creationdate` timestamp NULL DEFAULT CURRENT_TIMESTAMP,  
  `updatationDate` varchar(255) DEFAULT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--
```

```
-- Table structure for table `userlog`
```

```
--
```

```
CREATE TABLE `userlog` (  
  `id` int(11) NOT NULL,  
  `studentRegno` varchar(255) DEFAULT NULL,
```

```
`userip` binary(16) DEFAULT NULL,  
`loginTime` timestamp NULL DEFAULT CURRENT_TIMESTAMP,  
`logout` varchar(255) DEFAULT NULL,  
`status` int(11) DEFAULT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

FURTHER MODIFICATION DONE

```
--  
-- Indexes for table `admin`  
--  
ALTER TABLE `admin`  
  ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `course`  
--  
ALTER TABLE `course`  
  ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `courseenrolls`  
--  
ALTER TABLE `courseenrolls`  
  ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `department`  
--  
ALTER TABLE `department`  
  ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `level`  
--  
ALTER TABLE `level`  
  ADD PRIMARY KEY (`id`);
```



```
--  
-- Indexes for table `semester`  
--  
ALTER TABLE `semester`  
  ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `session`  
--  
ALTER TABLE `session`  
  ADD PRIMARY KEY (`id`);  
  
--  
-- Indexes for table `students`  
--  
ALTER TABLE `students`  
  ADD PRIMARY KEY (`StudentRegno`);  
  
--  
-- Indexes for table `userlog`  
--  
ALTER TABLE `userlog`  
  ADD PRIMARY KEY (`id`);  
  
--  
-- AUTO_INCREMENT for dumped tables  
--  
  
--  
-- AUTO_INCREMENT for table `admin`  
--  
ALTER TABLE `admin`  
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,
```

```
AUTO_INCREMENT=2;
```

```
--
```

```
-- AUTO_INCREMENT for table `course`
```

```
--
```

```
ALTER TABLE `course`
```

```
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,  
  AUTO_INCREMENT=5;
```

```
--
```

```
-- AUTO_INCREMENT for table `courseenrolls`
```

```
--
```

```
ALTER TABLE `courseenrolls`
```

```
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,  
  AUTO_INCREMENT=6;
```

```
--
```

```
-- AUTO_INCREMENT for table `department`
```

```
--
```

```
ALTER TABLE `department`
```

```
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,  
  AUTO_INCREMENT=8;
```

```
--
```

```
-- AUTO_INCREMENT for table `level`
```

```
--
```

```
ALTER TABLE `level`
```

```
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,  
  AUTO_INCREMENT=8;
```

```
--
```

```
-- AUTO_INCREMENT for table `semester`
```

```
--
```

```
ALTER TABLE `semester`  
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,  
  AUTO_INCREMENT=7;
```

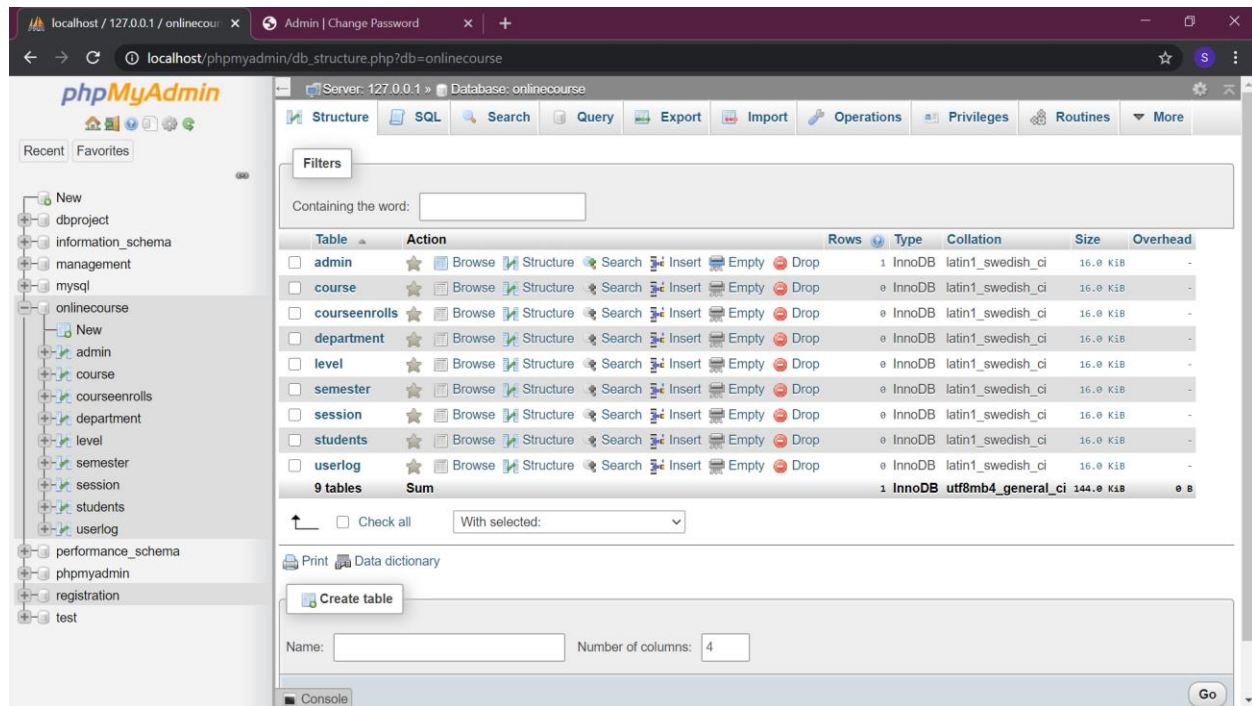
```
--  
-- AUTO_INCREMENT for table `session`  
--
```

```
ALTER TABLE `session`  
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,  
  AUTO_INCREMENT=5;
```

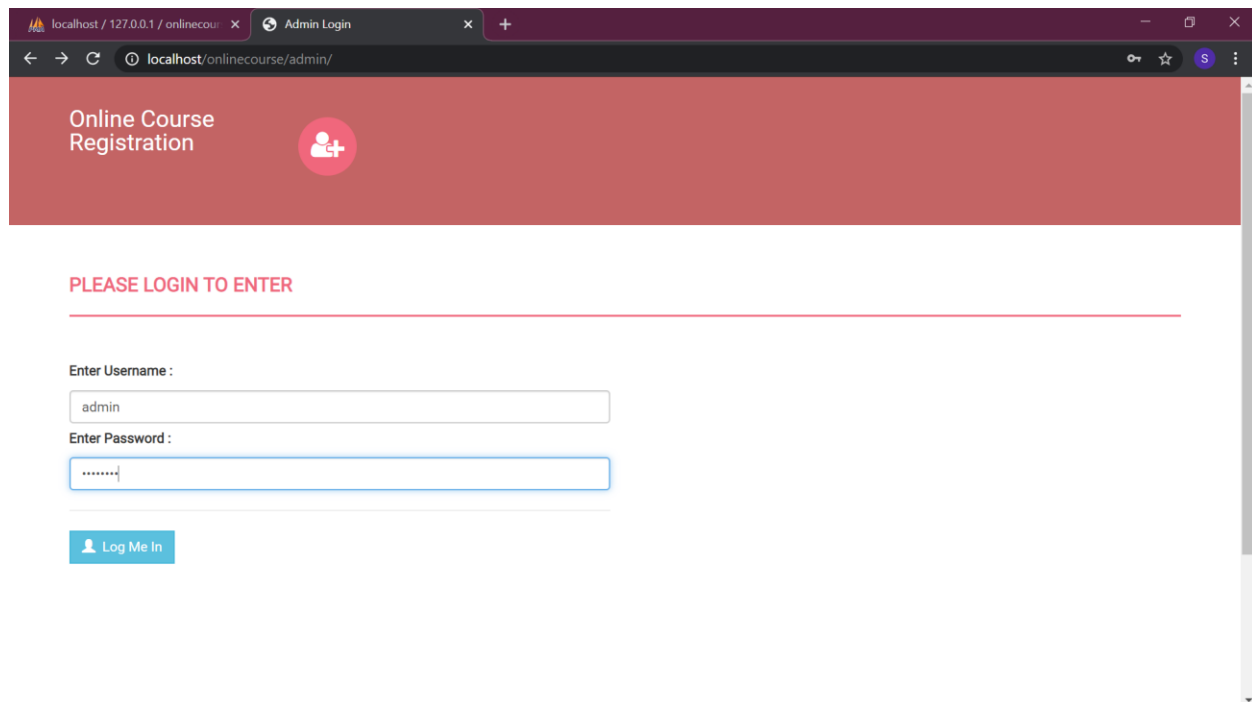
```
--  
-- AUTO_INCREMENT for table `userlog`  
--
```

```
ALTER TABLE `userlog`  
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,  
  AUTO_INCREMENT=17;  
COMMIT;
```

SOME SCREENSHOTS OF THE PROJECT



LIST OF ALL THE TABLES IN THE DATABASE



ADMIN LOGIN

localhost / 127.0.0.1 / onlinecour x Admin | Session x Downloads x +

localhost/onlinecourse/admin/session.php

SESSION SEMESTER DEPARTMENT COURSE REGISTRATION MANAGE STUDENTS ENROLL HISTORY STUDENT LOGS LOGOUT

ADD SESSION

Session

Create Session

Submit

Manage Session

#	Session	Creation Date	Action
1	2019	2020-07-14 15:53:12	Delete
2	2020	2020-07-14 15:53:16	Delete

8th (2).docx 8th (1).docx 8th.docx Show all x

ADD SESSION

localhost / 127.0.0.1 / onlinecour x Admin | Semester x Downloads x +

localhost/onlinecourse/admin/semester.php

SEMESTER

Semester

Add Semester

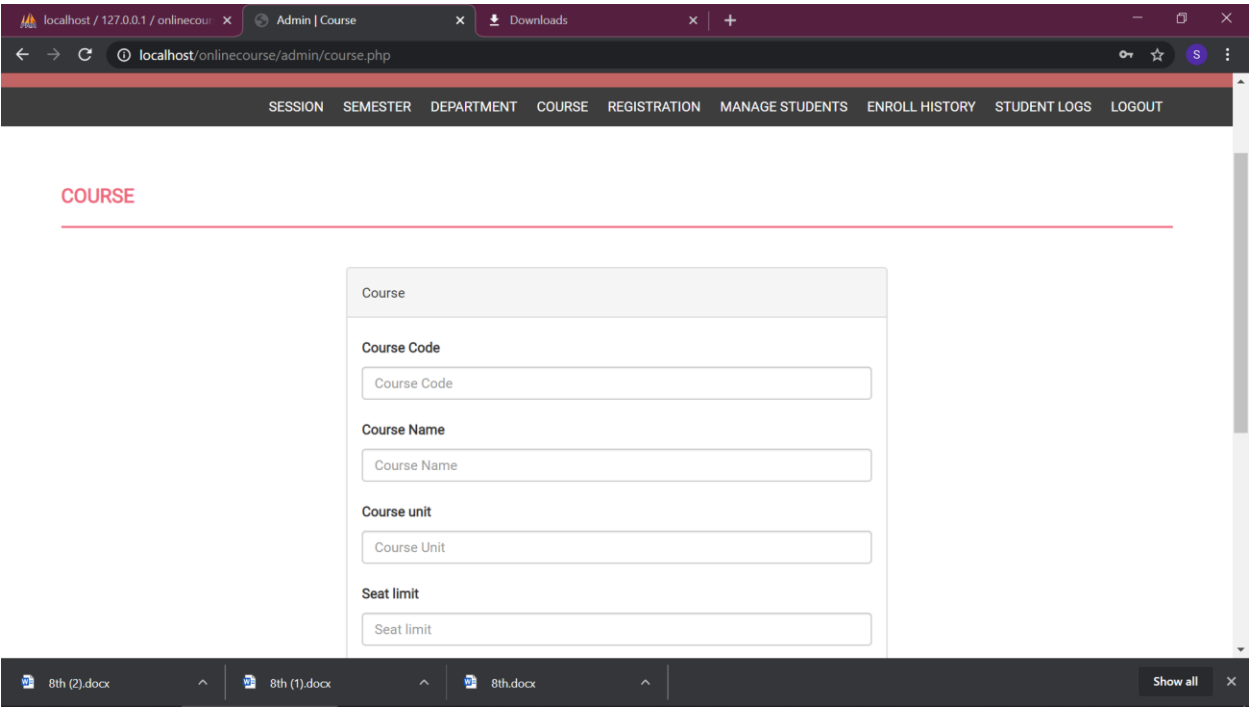
Submit

Manage Semester

#	Semester	Creation Date	Action
1	FIRST	2020-07-14 15:53:33	Delete
2	SECOND	2020-07-14 15:53:38	Delete
3	THIRD	2020-07-14 15:53:44	Delete
4	FOURTH	2020-07-14 15:54:41	Delete

8th (2).docx 8th (1).docx 8th.docx Show all x

SEMESTER



COURSE