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## Declaration

I (Tharun Amireddy) declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea / data / fact / source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Tharun Amireddy (16-11-2016)

(Name of the student)

## SUMMARY OF THE PROJECT

The project named "Placement Management System", a student/company information system is a window based application created in HTML. The project has been developed on the basis of "Placement Cell" being presently used in the Universities for storing and retrieving the information of students and companies who are registered in placement cell. The Placement Cell maintains a large database of students wherein all the information of student including the personal records and the academic performance in terms of the marks and grades is stored and company information. The software retrieves this data and displays as per the user requirement.

### OBJECTIVE:

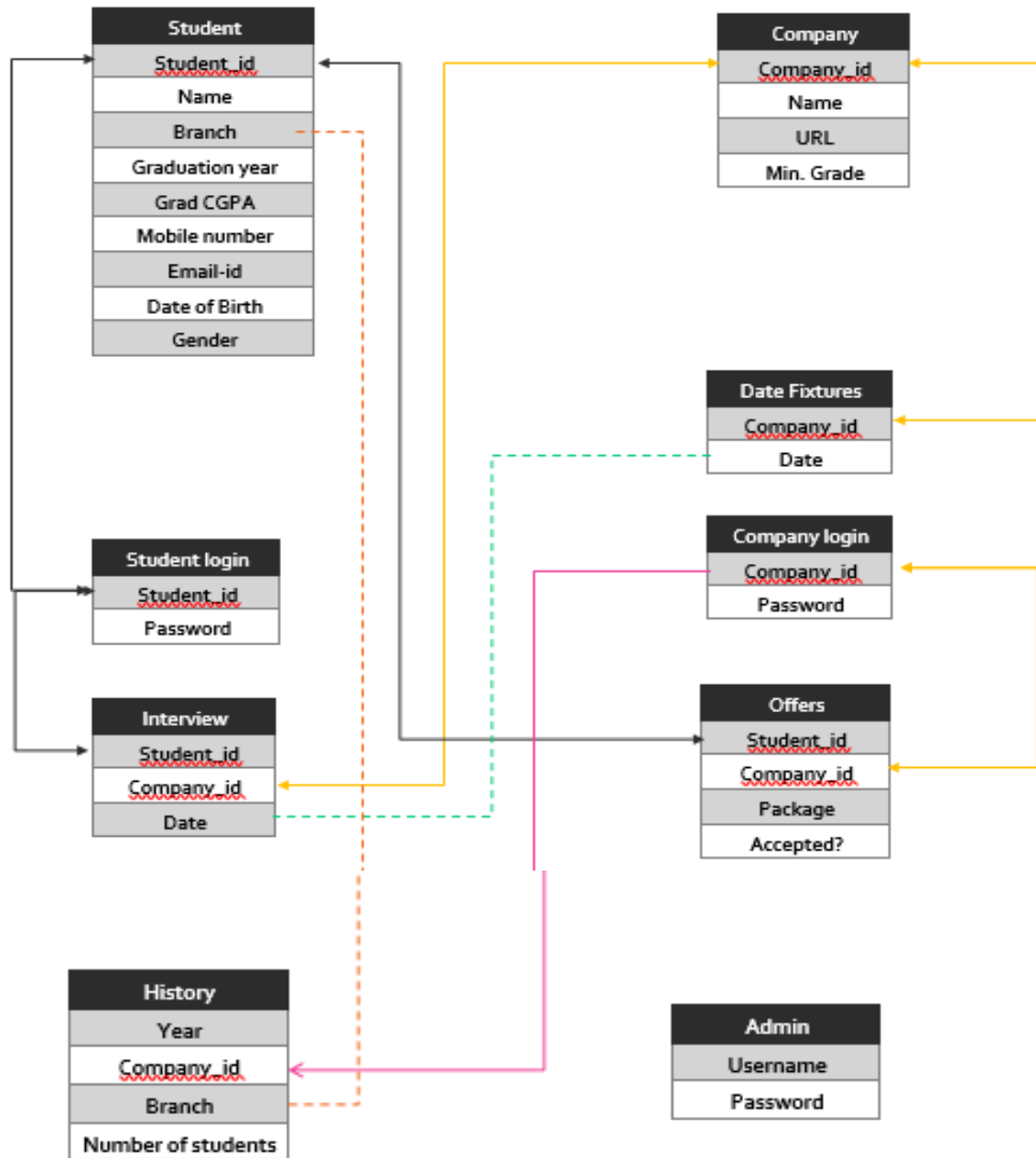
The Placement Management System was developed as an attempt to take a record of company and students by restricting such a large database to that of a particular class of students or company. The System provides the facility of viewing the information of the student and company it can also search for eligible students and company and also insertion and deletion of records by the administrator. The GUI used for the project provide instruction and the various actions performed on button clicks or on selection of items, guide the user through a series of pages as in the Project.

### SOFTWARE USED

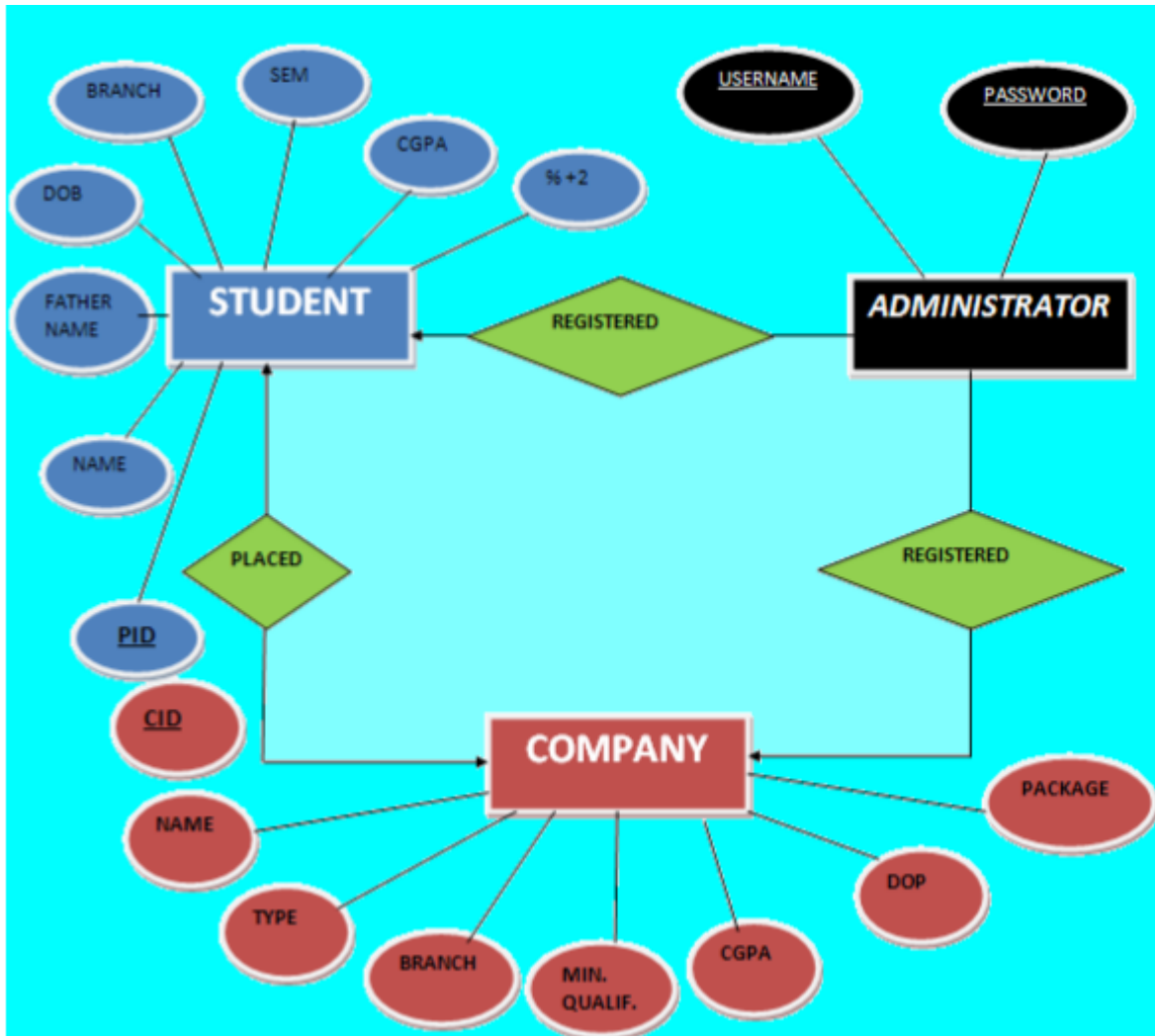
The used for the development purpose are:

1. Xampp software to create local web server for testing and deployment purpose of our application hosting
2. SQL SERVER as the Database
3. HTML used as a GUI.

## Relational Design



# E-R DIAGRAM



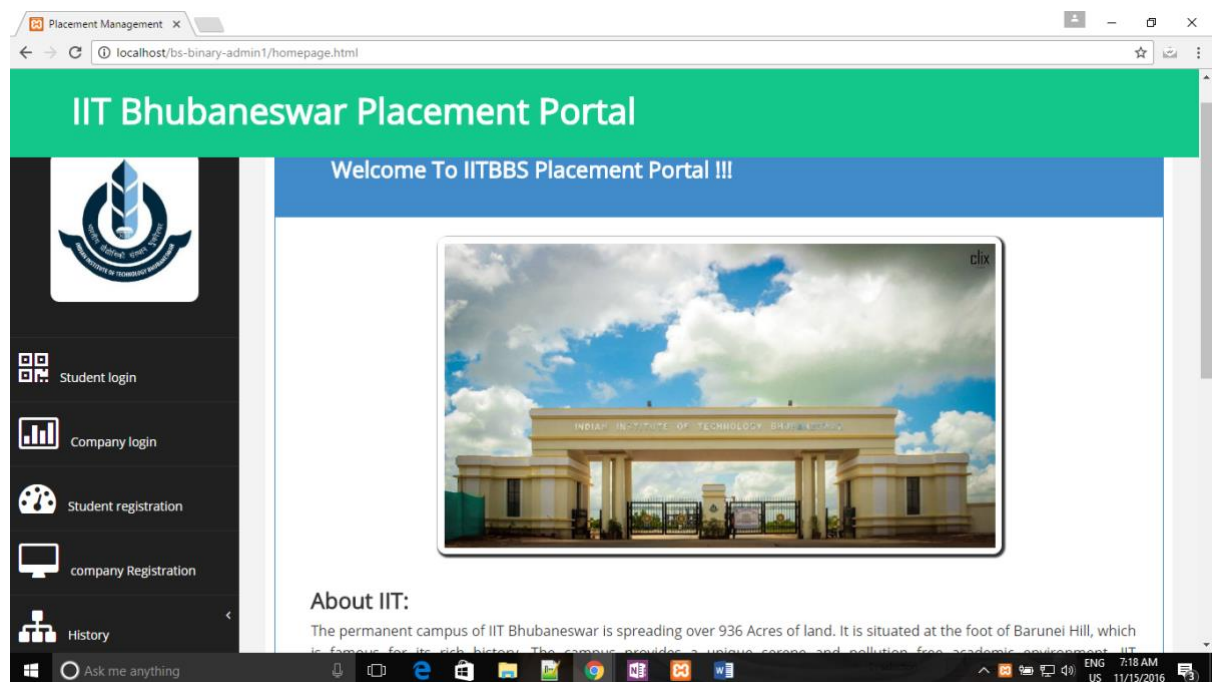
## PROJECT

The main objective of Placement Management System is to develop a student and company information system. Although such a project has a very wide scope, this project contains the most important part i.e. displaying the personal and academic information of a student and company. The students and companies are also provided with the facility of editing some fields like username and password. The project also allows a Data Base Administrator to enter the information of a student and company which is then stored in the corresponding tables in the main database .He can also delete the student and company information after placement is over from the main database.

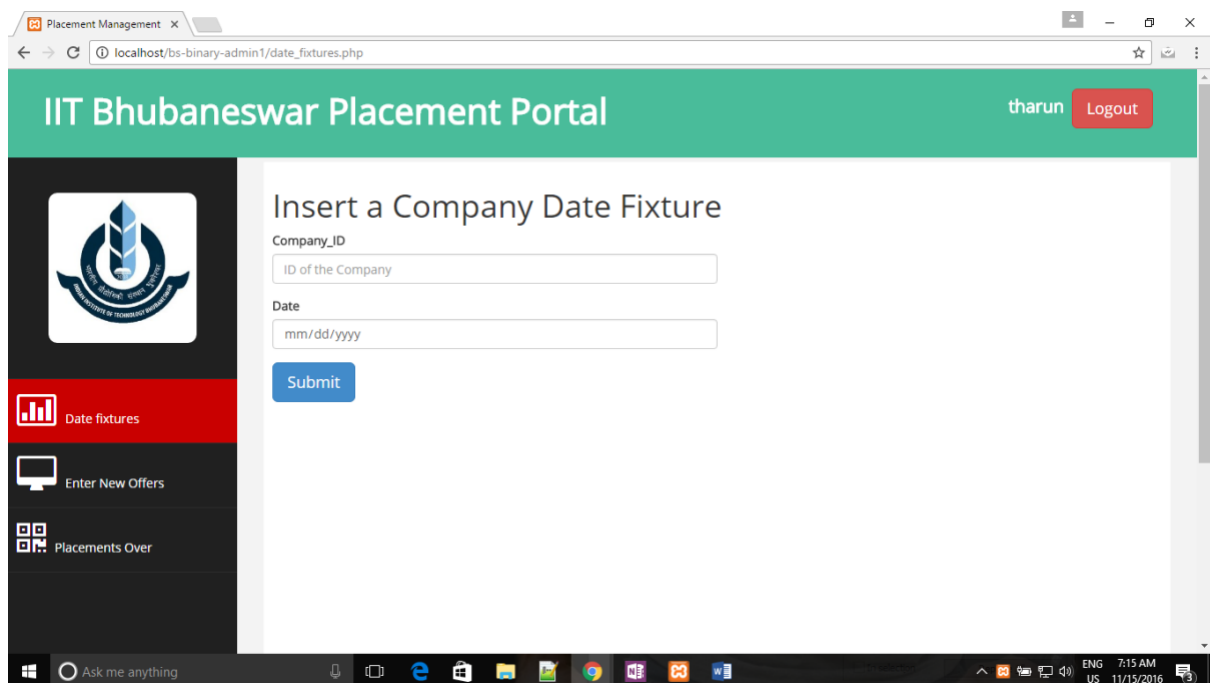
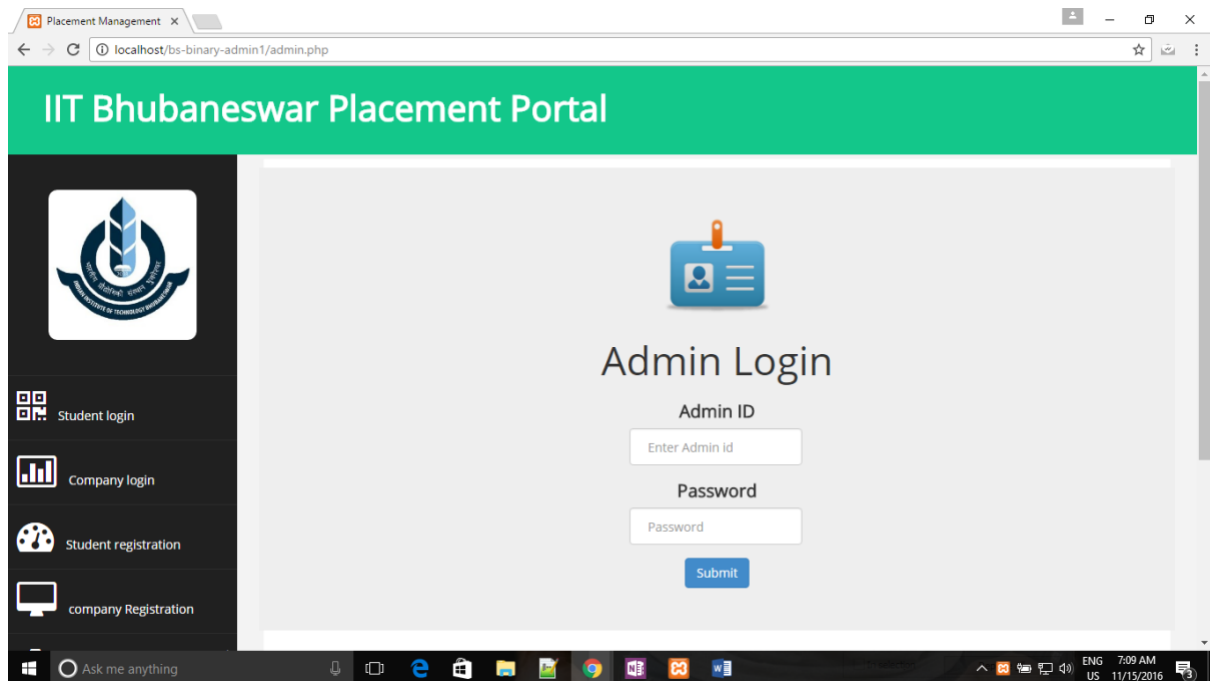
### DESCRIPTION OF PROJECT

This section consists of the snapshots of the project GUIs along with their description.

1. This is the Home page of the project which shows a menu bar showing various options for student, company, admin searching options for all and also about the university.



2. The second page of the project is a “Administator Login Page” where the admin can login to the database .After successfully logging in the admin can arrange the interview dates of different companies ,insert offers given to students and also he can update current year placements record into history .



3. The next page of the project is a “Student Login Page” where the student can login to the database .After logging in the student can apply to companies for interview and also he can check his interviews and offers .He can also look at the history of placement database.

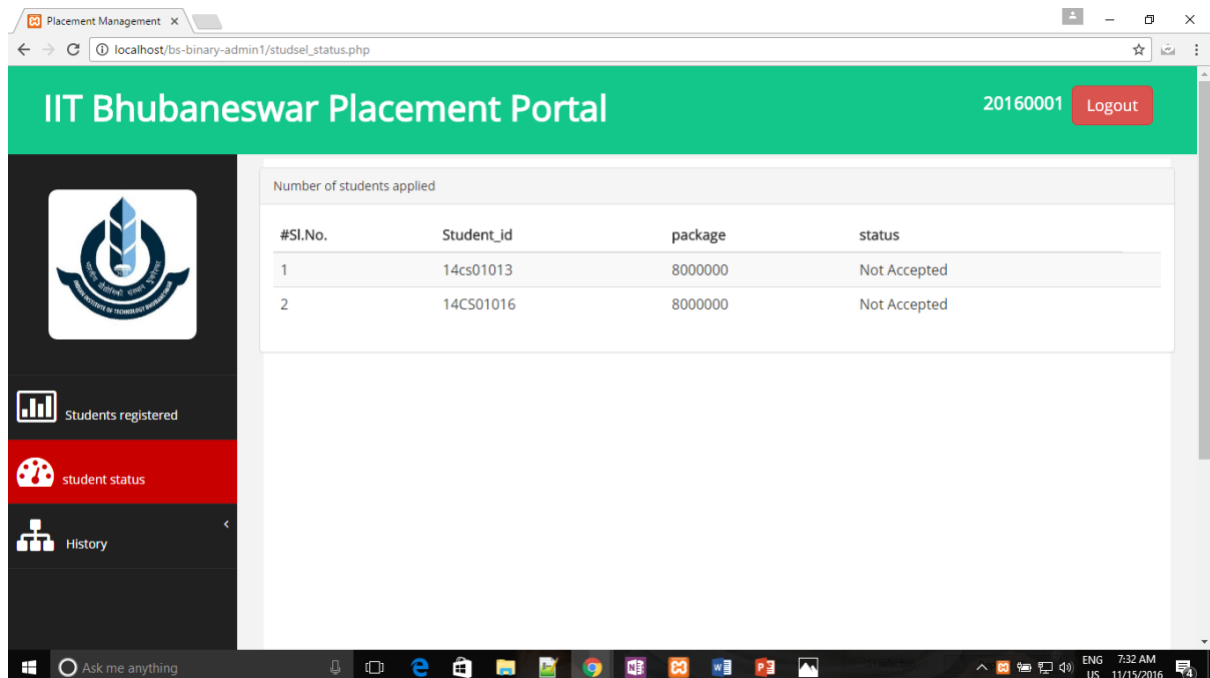
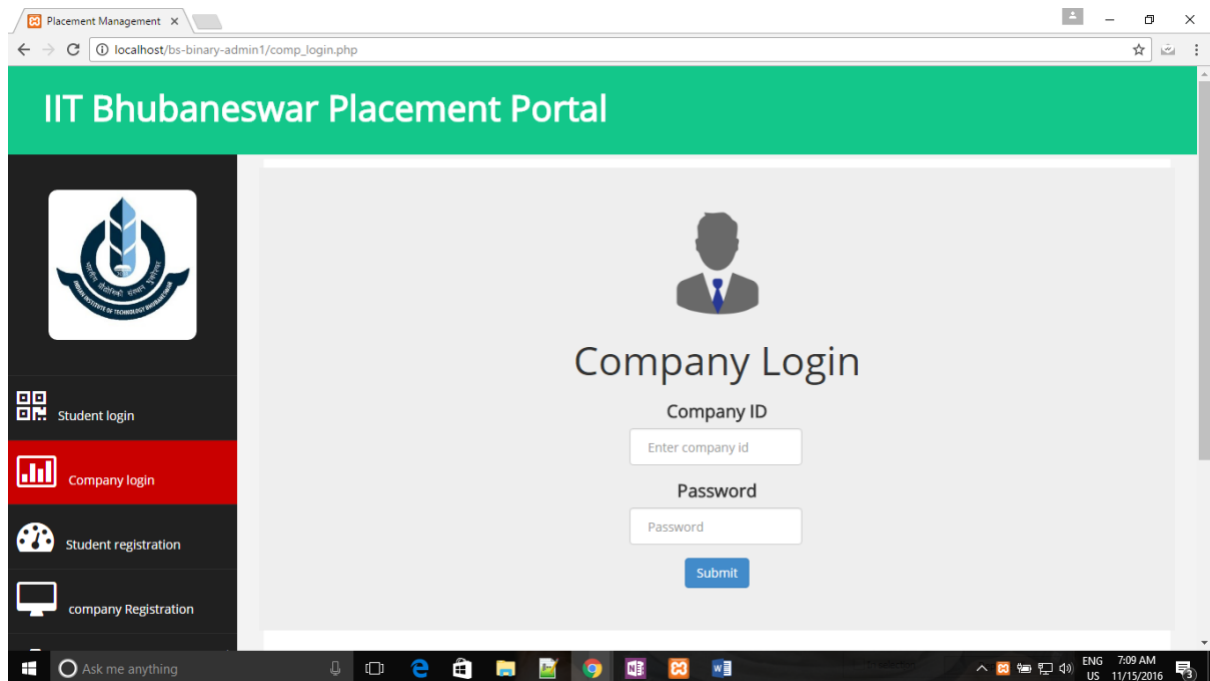
The screenshot shows a web browser window with the URL `localhost/bs-binary-admin1/stud_login.php`. The page has a green header with the text "IIT Bhubaneswar Placement Portal". On the left, there is a dark sidebar with the IIT Bhubaneswar logo and a menu with options: "Student login" (highlighted in red), "Company login", "Student registration", and "company Registration". The main content area is light gray and features a "Student Login" section with a graduation cap icon. It contains two input fields: "Student ID" (with placeholder text "Enter student id") and "Password" (with placeholder text "Password"). Below these fields is a blue "Submit" button.

The screenshot shows the same web browser window with the URL `localhost/bs-binary-admin1/comp_list.php`. The page header is green with "IIT Bhubaneswar Placement Portal" and a user ID "14CS01013" with a "Logout" button. The left sidebar menu now has "Companies" highlighted in red, with other options: "Interviews", "Offers", and "History". The main content area displays a table titled "Companies" with the following data:

#Sl.No.	Company ID	Company Name	Minimum Grade	date	Apply
1	20160001	Google	8	<input type="text" value="select date"/>	<input type="button" value="Apply"/>
2	20160002	Microsoft	8	<input type="text" value="select date"/>	<input type="button" value="Apply"/>
3	20160003	Apple	6	<input type="text" value="select date"/>	<input type="button" value="Apply"/>
4	20160004	United health group	7	<input type="text" value="select date"/>	<input type="button" value="Apply"/>
5	20160005	Samsung	7.5	<input type="text" value="select date"/>	<input type="button" value="Apply"/>
6	20160006	GMR	7	<input type="text" value="select date"/>	<input type="button" value="Apply"/>
7	20160007	AUDI	9	<input type="text" value="select date"/>	<input type="button" value="Apply"/>



4. The next page of the project is a “Company Login Page” where the company can login to the database .After logging in the company can check number of students applied for interview on a particular date and also status of offers given to students .He can also look at the history of placement database.



5. The next page of the project is the history page. Anyone can check the past history of placements of the university. This is a branch-wise analysis students placed in each company each past year of placements.

The screenshot shows the IIT Bhubaneswar Placement Portal for the year 2015. The page has a green header with the portal name. On the left is a dark sidebar with the university logo and navigation links: Student login, Company login, Student registration, and company Registration. The main content area is titled '2015 Placements History' and contains a table with the following data:

#Sl.No.	Company name	Branch	No. of Students
1	PVR Constructions	CE	11
2	GMR	CE	8
3	Google	CSE	3
4	Apple	CSE	4
5	Amazon	CSE	9
6	Flipkart	CSE	6
7	UHG	CSE	8
8	Samsung	CSE	9
9	Microsoft	CSE	4
10	Oriss power	EE	13
11	Bajaj	EE	7

The Windows taskbar at the bottom shows the date as 11/15/2016 and time as 7:09 AM.

The screenshot shows the IIT Bhubaneswar Placement Portal for the year 2014. The layout is identical to the 2015 page, but the table data is for the previous year. The table data is as follows:

#Sl.No.	Company name	Branch	No. of Students
1	GMR	CE	21
2	ULTRATECH	CE	13
3	UHG	CSE	9
4	SAMSUNG	CSE	11
5	Google	CSE	2
6	Microsoft	CSE	3
7	INFOSYS	EE	19
8	TATA STEEL	EE	4
9	AUDI	ME	3
10	BMW	ME	8
11	TATA MOTORS	ME	9

The Windows taskbar at the bottom shows the date as 11/15/2016 and time as 7:34 AM. A notification bubble in the bottom right corner states: 'Screenshot saved. The screenshot was added to your OneDrive. Microsoft OneDrive'.

## FUTURE SCOPE OF THE PROJECT

- The project is easily extensible and can be improved by further incremental releases of the same.
- We can extend this project by sending emails to companies and students information regarding placement dates ,other eligibility criteria also.
- New modules can be easily added as it requires only an addition of a new package on button click.
- Further it is intended in the future to develop a separate module named training that would make use for students for their six months industrial training .

## APPLICATIONS

1. Companies and students will have registration forms to register.
2. Admin will fill the date fixtures.
3. Students will have the access to read the company table and date fixtures so that students can apply to any company by checking company table and date of interview which gets entered into interview table.
4. Companies will login using their company\_id and password given during company registration for placements and can check the applications of registered students for that company.
5. Companies sends the list of selected students to admin.
6. Admin will fill the offers table.
7. History table will have the list of branch-wise analysis of previous years placed students.

