

CHECKBOX

ATTENDANCE MANAGEMENT SYSTEM



TEAM 12

Sejal Rai	- 19bcs098
Aman Kumar	- 19bcs115
Akshat Mishra	- 19bcs009
Uattam Kumar Jangid	- 19bcs108
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CHECKBOX

ATTENDANCE MANAGEMENT SYSTEM

ACKNOWLEDGMENT

We would like to express our special thanks of gratitude to our teachers **Dr. Uma S** Madam and **Dr. Manjunath K V** Sir to give us the golden opportunity to do this wonderful project **CHECKBOX**, which also helped us in doing a lot of research and coding and we came to know about so many new things. We are really thankful to them.

ABOUT

This is a dynamic website for teachers/mentors/tutors etc to manage attendance record of students easily without getting involved in the mess of entering the records manually in registers. This websites ensure maintenance of proper attendance records by the teachers without getting seen or edited by any others which allow safe and exact attendance records. The teachers here can record everyday's attendance and can view the report in graphical manner and can download average class attendance and record of each student's attendance in required format. Students can also view their daily attendance report and can observe the percentage attendance so that they could maintain the minimum attendance mark.

FEATURES

TEACHER'S END:

- He/she is required to create account.
- Teacher than can create a class of multiple students.
- Teacher can choose multiple lectures for each class.
- Mark attendance after each lecture.
- Check Average Attendance.
- View full attendance details of each student of the class with percentage and date wise attendance.
- Can update profile and password.
- Can download average attendance report.

STUDENT'S END:

- Each student can view their detail attendance report by entering the required details.
- Student can download his/her attendance report

TECHNICAL STACK

Front-end:-

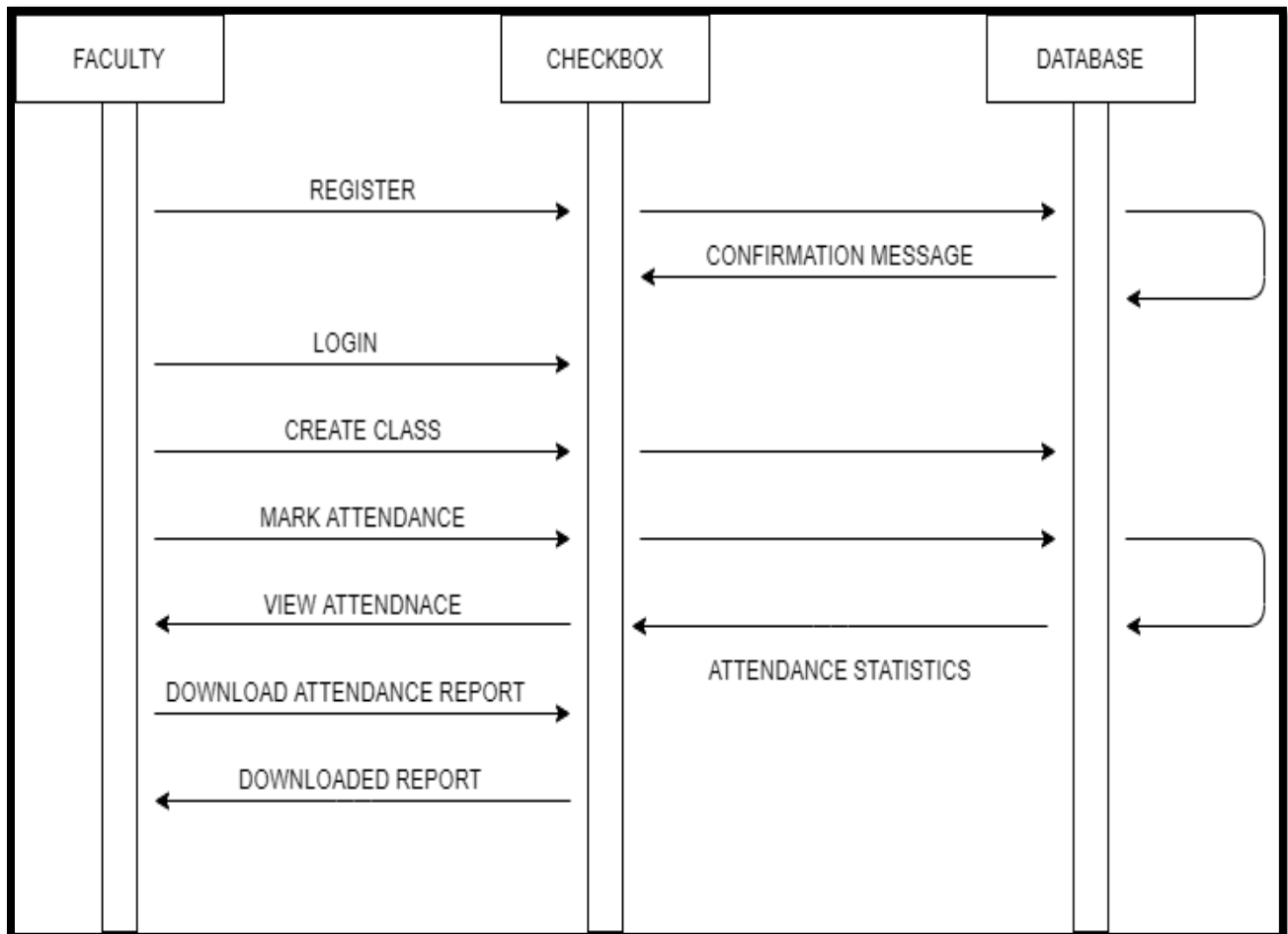
- **HTML:** used for designing documents of our website to be displayed in a web browser.
- **CSS:** used for describing and styling the presentation of document of our website.
- **JavaScript:** a object-oriented language used for creating our web pages network-centric and scripting language for our web pages.
- **Bootstrap:** a CSS framework used for responsive front-end web development in our project.
- **jQuery:** a JavaScript library designed to simplify our HTML document traversal and manipulation, and event handling, CSS animation, and Ajax.
- **Ajax:** used for our project website to send and retrieve data from a server asynchronously without interfering with the display and behavior of the existing page.

Back-end:-

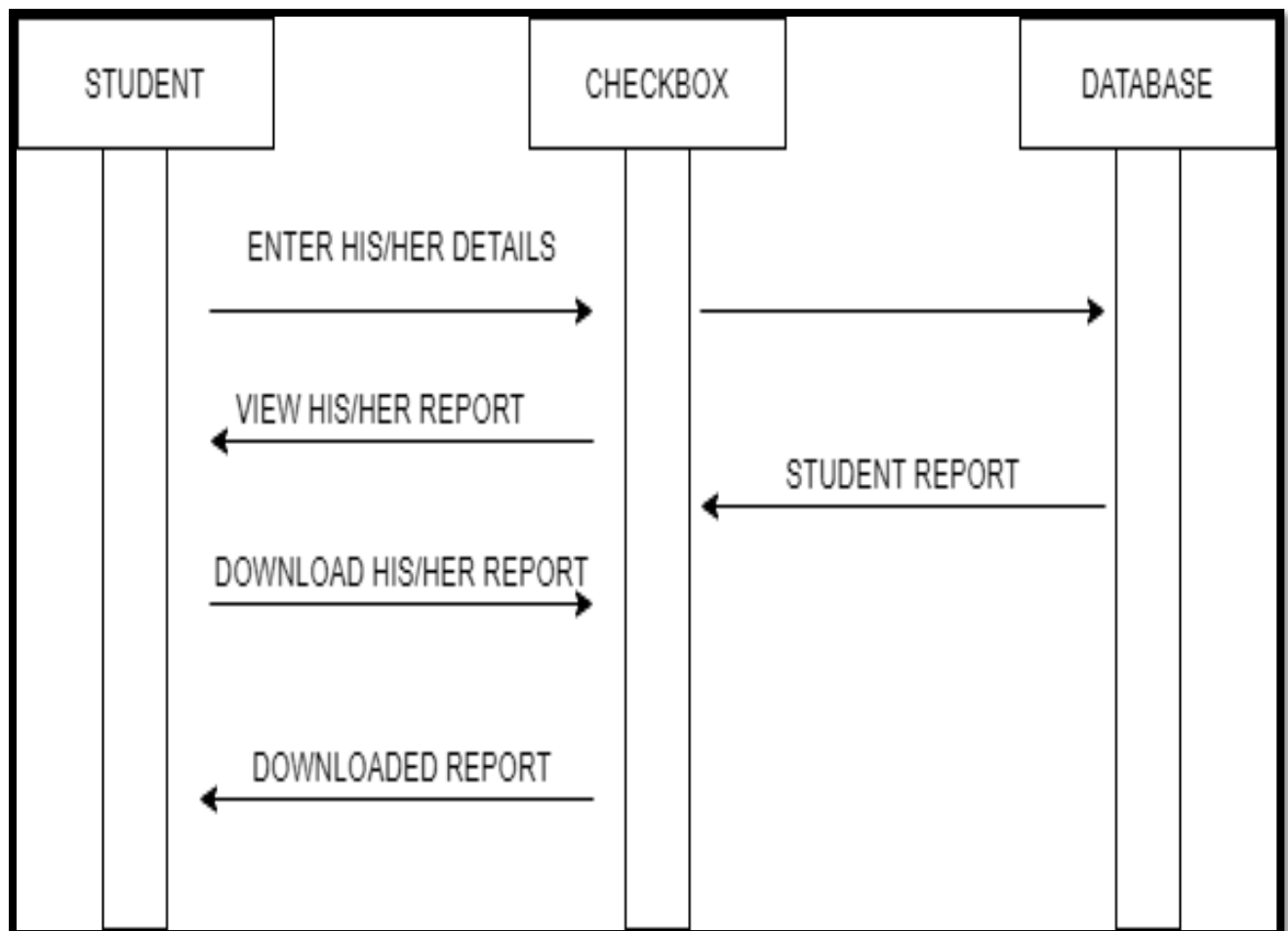
- **PHP:** a server scripting language used for making our project web pages dynamic and interactive.
- **MySQL:** a relational database management system based on SQL used for the purpose of our website database and in future, for secure deployment of our project over web and even for cloud.

SEQUENTIAL DIAGRAM

Teacher's:

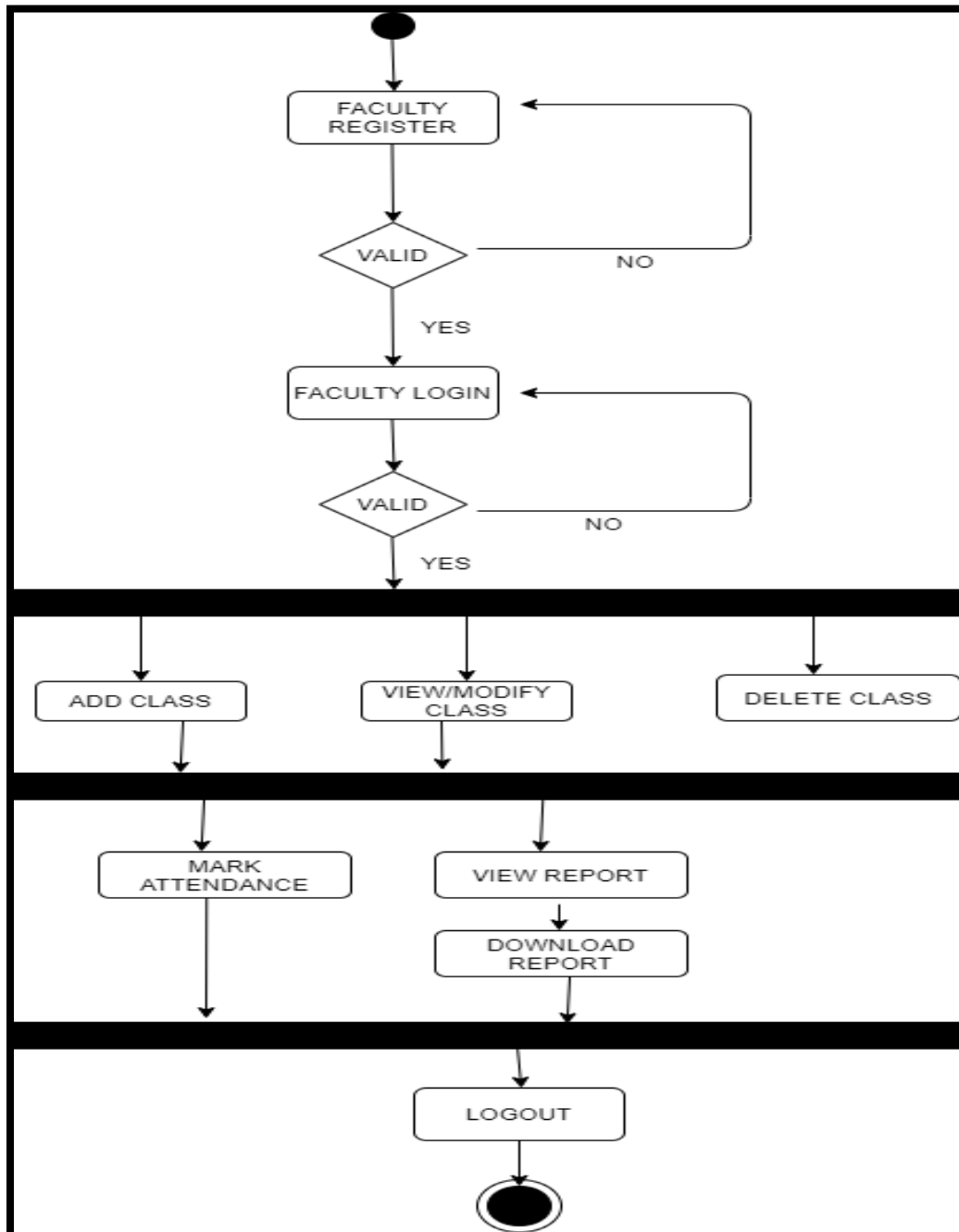


Student's:

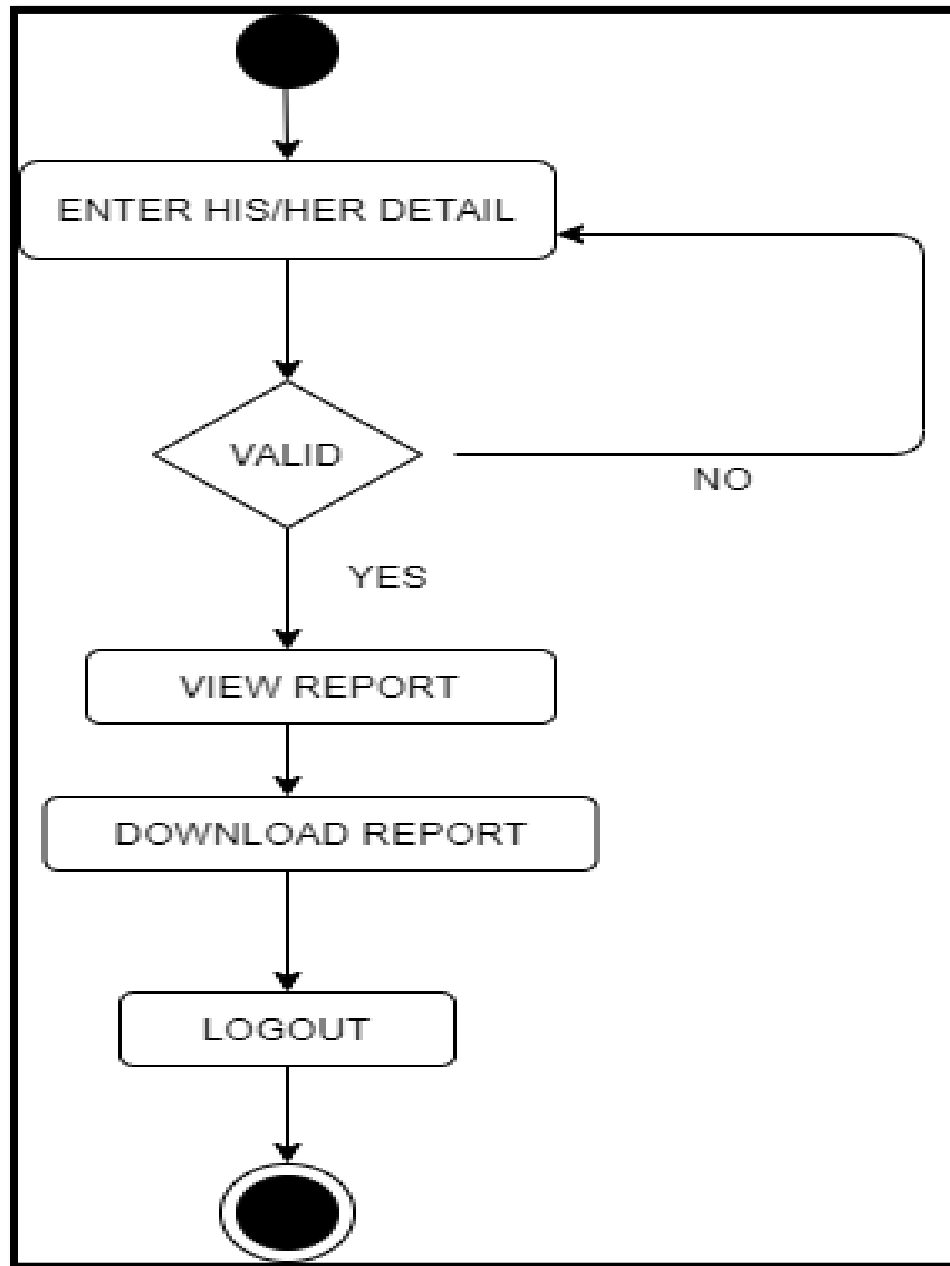


ACTIVITY DIAGRAM

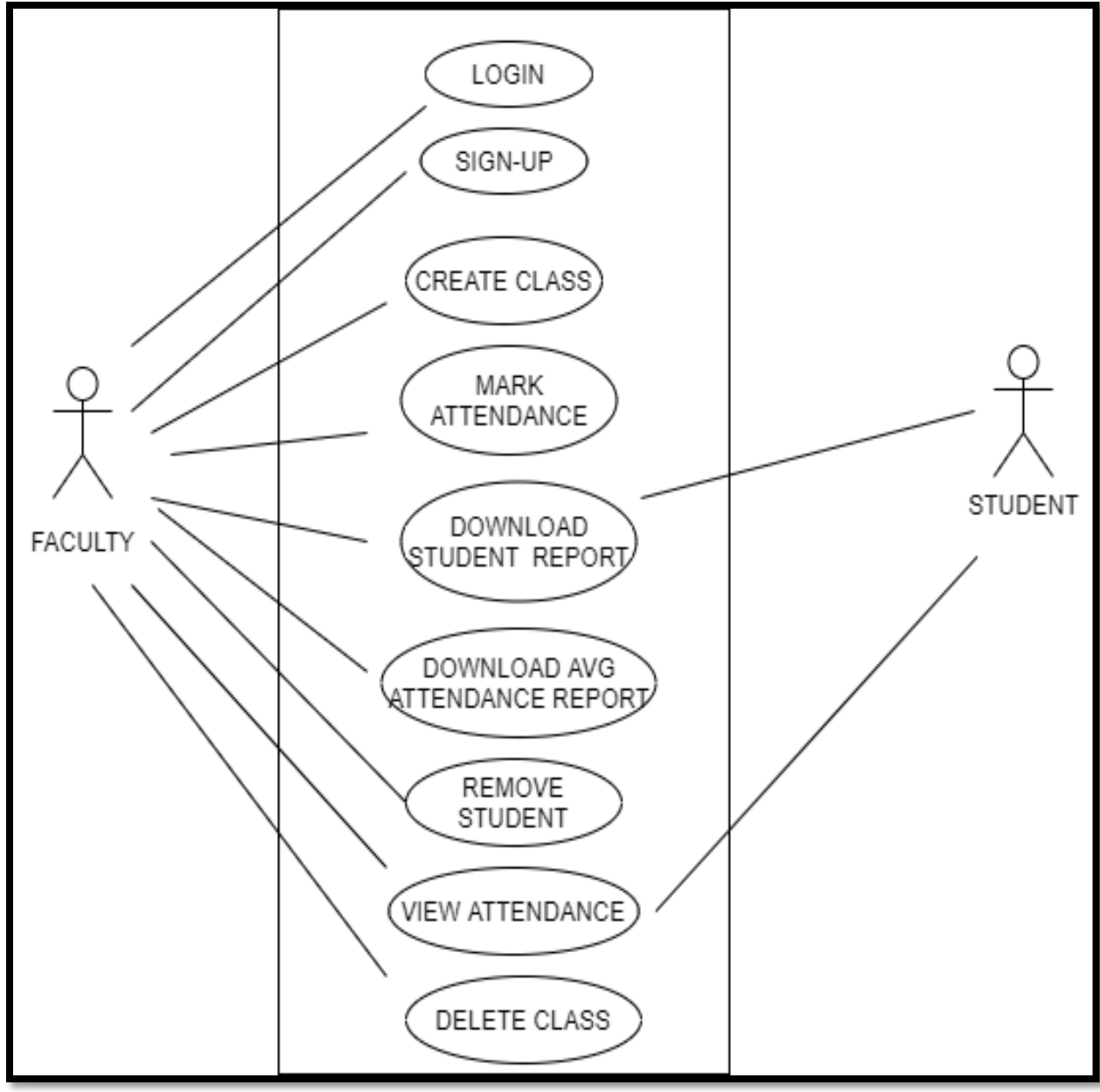
Teacher's:



Student's:



USE-CASE



CONTRIBUTION

It is difficult for us to exactly divide and say who has done what because each one of us have more or less have contributed on other field also, but we are dividing below according to the majority of work done on which field. All of us contributed equally to this project.

FRONTEND DEVELOPING:

Nishikant(19BCS079), Uattam Kumar Jangid(19BCS108) and Akshat Mishra(19BCS009) – Sign up, sign in, student’s dashboard, Teacher’s Portal (HTML, CSS, Javascript and Bootstrap).

Priyam(19BCS089) – Ajax and JQuery part.

BACKEND DEVELOPING:

Sejal Rai(19BCS098) and Aman Kumar(19BCS115) – Backend (PHP) and Database (MySQL).

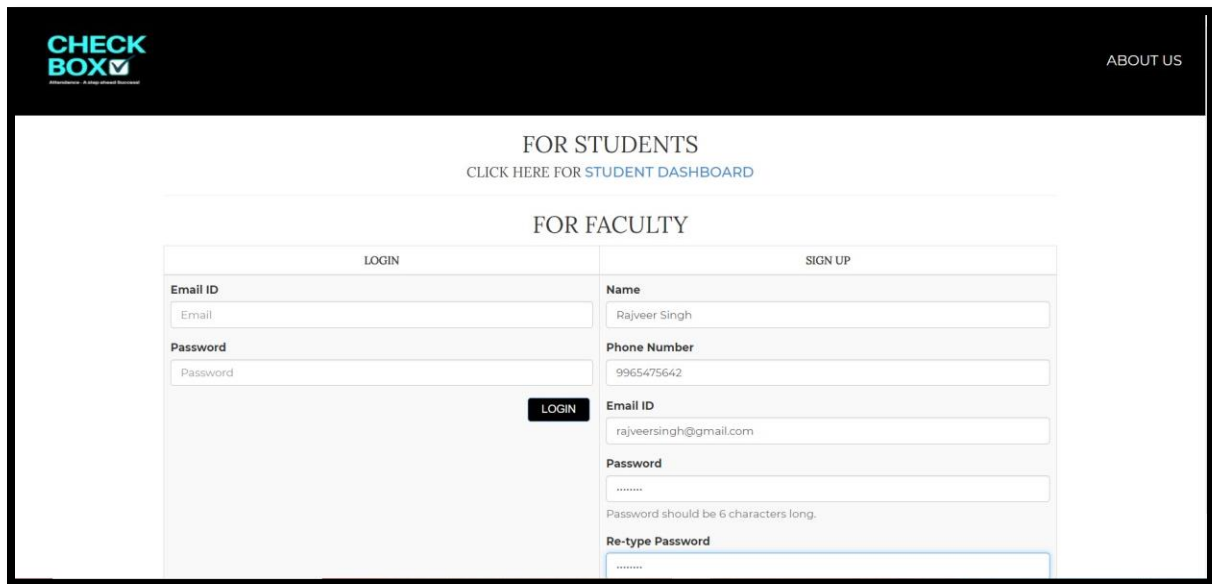
GRAPHIC DESIGNING:

Akshat Mishra(19BCS009) and Sejal Rai(19BCS098)

WEBPAGES DESCRIPTION

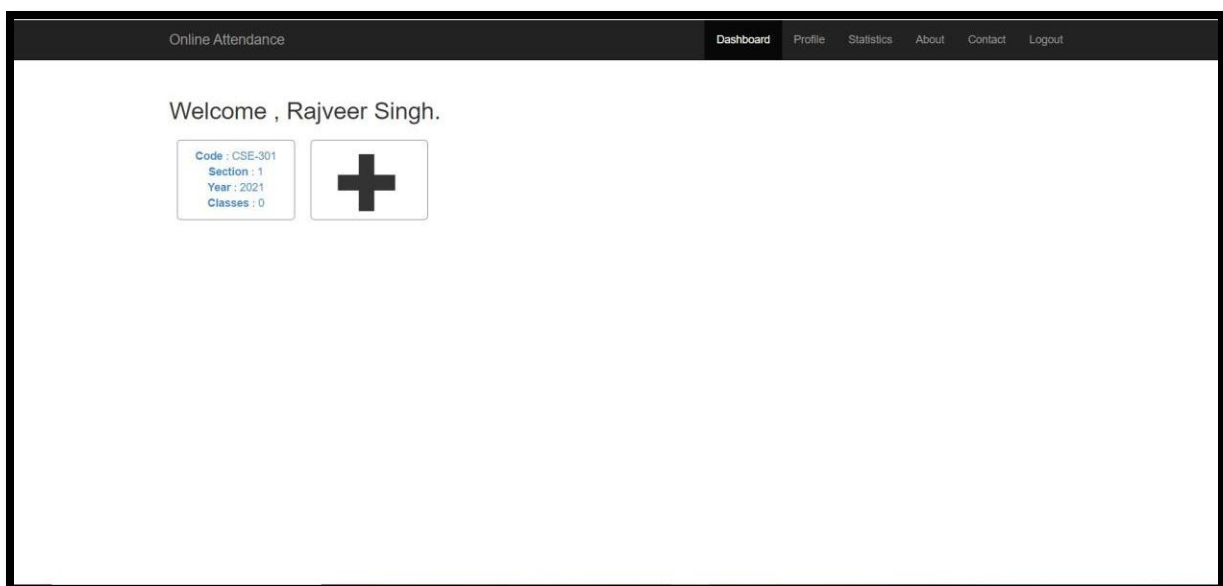
Teacher's Side-

1. Log in/Sign up and About Us:



The screenshot shows the CHECKBOX website interface. At the top left is the CHECKBOX logo with the tagline "Attendance & class management system". At the top right is a link for "ABOUT US". The main content area is titled "FOR STUDENTS" with a link "CLICK HERE FOR STUDENT DASHBOARD". Below this is a section titled "FOR FACULTY" which contains two columns: "LOGIN" and "SIGN UP". The "LOGIN" column has fields for "Email ID" (with a placeholder "Email") and "Password" (with a placeholder "Password"), and a "LOGIN" button. The "SIGN UP" column has fields for "Name" (with a placeholder "Rajveer Singh"), "Phone Number" (with a placeholder "9965475642"), "Email ID" (with a placeholder "rajveersingh@gmail.com"), "Password" (with a placeholder "*****" and a note "Password should be 6 characters long."), and "Re-type Password" (with a placeholder "*****").

2. Class Details (Open existing/Add new):



The screenshot shows the CHECKBOX dashboard. At the top is a navigation bar with "Online Attendance" and "Dashboard" (highlighted), and links for "Profile", "Statistics", "About", "Contact", and "Logout". The main content area displays "Welcome , Rajveer Singh." Below this is a box showing class details: "Code : CSE-301", "Section : 1", "Year : 2021", and "Classes : 0". To the right of this box is a large plus sign (+) button.

3. Adding new class:

Add Class

2021

Code , Eg : COE-322

Choose Section

Choose Semester

Starting Roll Number (Eg. 201/CO/12)

Ending Roll Number (Eg. 265/CO/12)

Add ClassCancel

4. Giving Attendance/Removing Student:

Online Attendance

DashboardProfileStatisticsAboutContactLogout

Welcome , Rajveer Singh

Class : CSE-301 (1) 2021

Number of Classes conducted : 0

Help me!Send

1/CS/19: 0	A	x	2/CS/19: 0	A	x	3/CS/19: 0	A	x	4/CS/19: 0	A	x	5/CS/19: 0	A	x	6/CS/19: 0	A	x
7/CS/19: 0	A	x	8/CS/19: 0	A	x	9/CS/19: 0	A	x	10/CS/19: 0	A	x	11/CS/19: 0	A	x	12/CS/19: 0	A	x
13/CS/19: 0	A	x	14/CS/19: 0	A	x	15/CS/19: 0	A	x	16/CS/19: 0	A	x	17/CS/19: 0	A	x	18/CS/19: 0	A	x
19/CS/19: 0	A	x	20/CS/19: 0	A	x	21/CS/19: 0	A	x	22/CS/19: 0	A	x	23/CS/19: 0	A	x	24/CS/19: 0	A	x
25/CS/19: 0	A	x	26/CS/19: 0	A	x	27/CS/19: 0	A	x	28/CS/19: 0	A	x	29/CS/19: 0	A	x	30/CS/19: 0	A	x
31/CS/19: 0	A	x	32/CS/19: 0	A	x	33/CS/19: 0	A	x	34/CS/19: 0	A	x	35/CS/19: 0	A	x	36/CS/19: 0	A	x
37/CS/19: 0	A	x	38/CS/19: 0	A	x	39/CS/19: 0	A	x	40/CS/19: 0	A	x	41/CS/19: 0	A	x	42/CS/19: 0	A	x
43/CS/19: 0	A	x	44/CS/19: 0	A	x	45/CS/19: 0	A	x	46/CS/19: 0	A	x	47/CS/19: 0	A	x	48/CS/19: 0	A	x
49/CS/19: 0	A	x	50/CS/19: 0	A	x												

5. Teacher Profile:

Online Attendance

Dashboard Profile Statistics About Contact Logout

Welcome , Rajveer Singh. Edit your profile here.

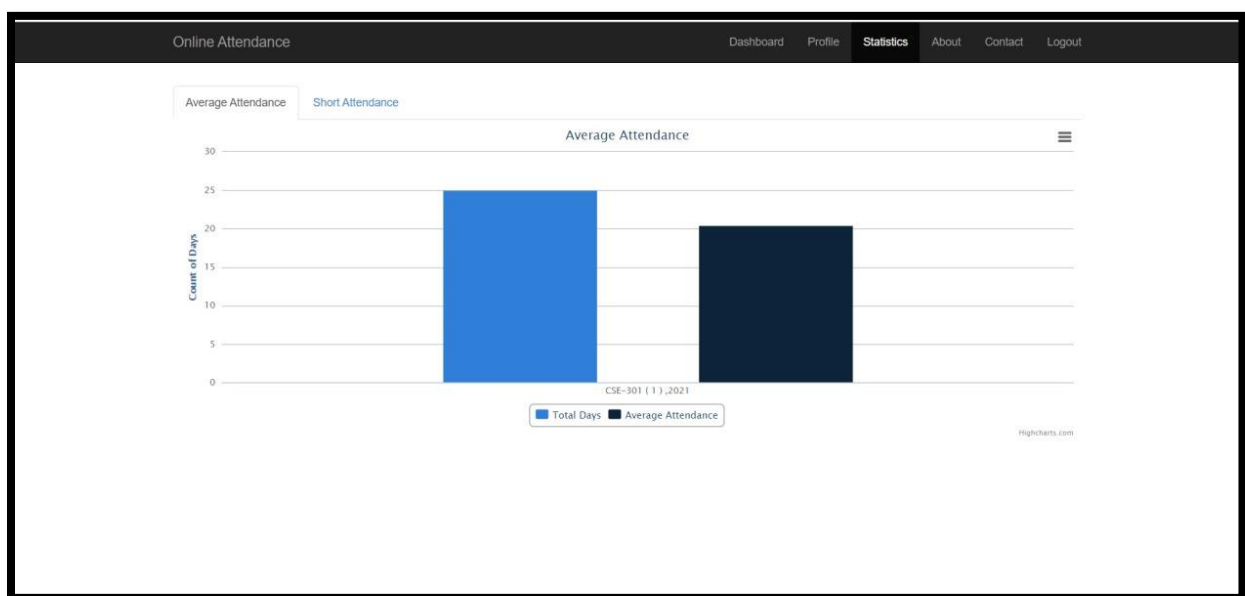
Name :

Phone :

Email :

Classes : 1

6. Class Attendance Detail (Graphical & Downloadable):



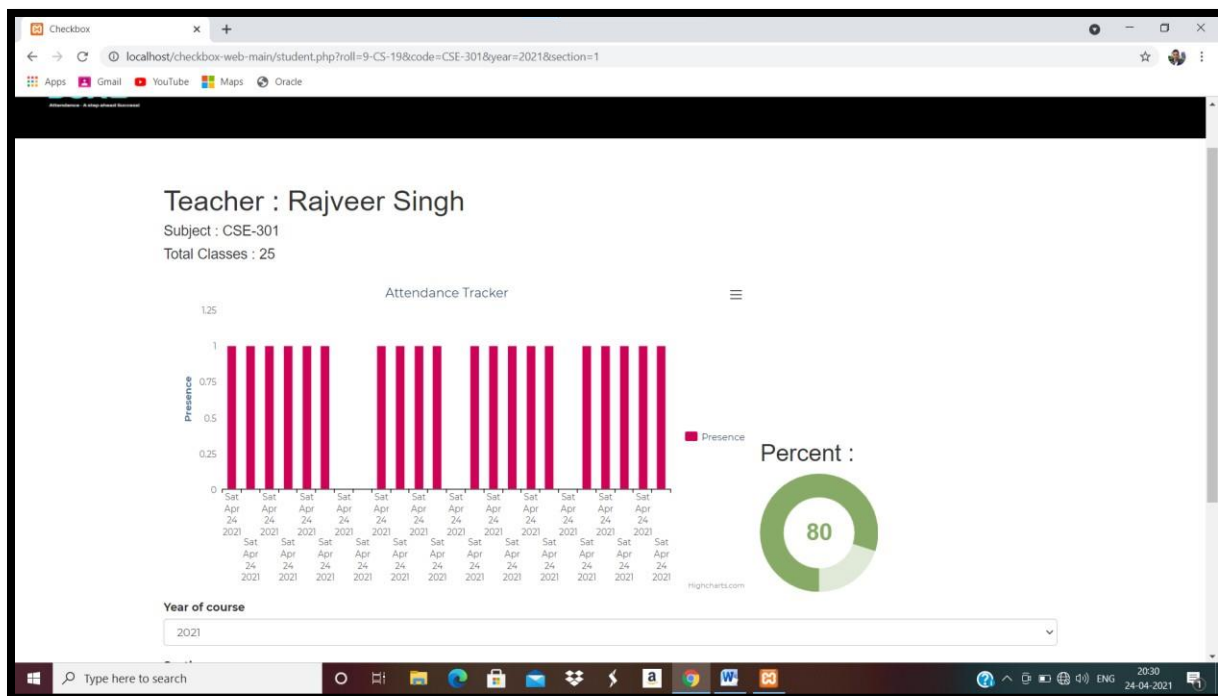
Student's Side-

1. Student Dashboard:

The screenshot shows the CHECKBOX Student Dashboard login interface. At the top left is the CHECKBOX logo, and at the top right is a link to 'ABOUT US'. The main area contains a form with the following fields:

- Year of course:** A dropdown menu with '2021' selected.
- Section:** A dropdown menu with '1' selected.
- Subject Code of Course:** A text input field with the placeholder 'Eg - COE-216' and a note 'DDD-NNN where D : Department , N : Number'.
- Roll Number:** A text input field with the placeholder 'Eg - 262/CO/12' and a note 'NNN/DD/YY where N : Number , D : Department , Y : Year'.
- Get Results:** A black button with white text.

2. Student Attendance Details:



➤ For detailed information and workflow, refer Checkbox User Manual.