

COLABORATIVE **CALENDAR PLANNER**

Mini-Project Report of Web Programming

Submitted by

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Table of Contents

Sr. No.	Title
1	Introduction
2	Output Screen Shot
3	Source Code
4	Conclusion

INTRODUCTION

In today's fast-paced world, effective collaboration and seamless organization are paramount for successful team endeavours. The advent of digital tools has revolutionized how teams coordinate their efforts, with collaborative calendars emerging as a cornerstone for efficient planning and task management. In line with this trend, our project introduces a comprehensive calendar planner designed to facilitate seamless collaboration among team members.

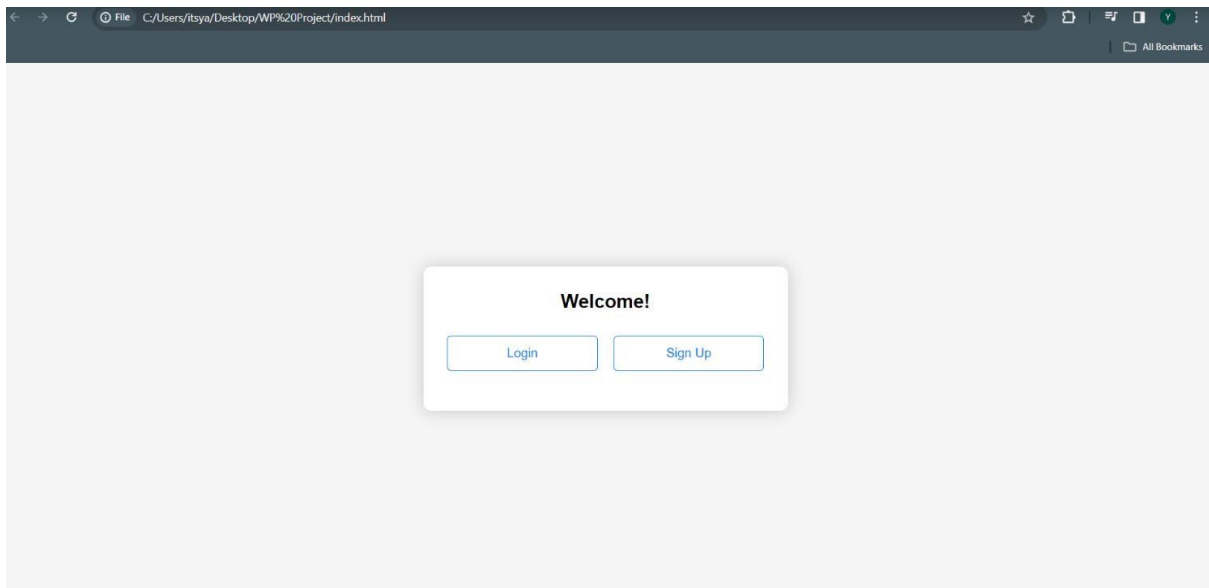
Our collaborative calendar planner provides a unified platform where users can log in or sign up to access a shared calendar, enabling them to collectively plan, schedule, and manage tasks. Leveraging the power of web technologies such as HTML, CSS, Angular, Node.js, and MySQL, our calendar planner offers an intuitive user interface and robust functionality for effortless navigation through dates, adding or removing tasks, and coordinating schedules in real-time.

This report outlines the development process, key features, and functionalities of our collaborative calendar planner, highlighting its

significance in enhancing teamwork, fostering productivity, and streamlining organizational workflows.

OUTPUT SCREENSHOTS

LOGIN PAGE



SIGN UP PAGE with Restrictions

The image displays two sequential screenshots of a web browser window, illustrating a sign-up process with validation errors. The browser's address bar shows the file path: `C:/Users/itsya/Desktop/WP%20Project/index.html`.

Top Screenshot: A modal dialog box titled "This page says" is displayed, indicating a validation error: "Please enter a valid email address." Below the message is an "OK" button. The background shows a "Welcome!" form with a "Login" button and a "Sign Up" button. The form fields contain "Krish" for the name, "krish" for the email, and "*****" for the password. A "Sign Up" button is at the bottom of the form.

Bottom Screenshot: A similar modal dialog box titled "This page says" is shown, with the message: "Password must be at least 8 characters long and contain at least one uppercase letter, one lowercase letter, and one digit." Below the message is an "OK" button. The background shows the same "Welcome!" form, but the email field now contains "krish1@gmail.com". The name field still contains "Krish" and the password field contains "*****". The "Sign Up" button remains at the bottom.

LOGIN PAGE with Restrictions

The image displays two screenshots of a web browser showing a login page. The browser's address bar shows the file path: C:/Users/itsya/Desktop/WP%20Project/index.html.

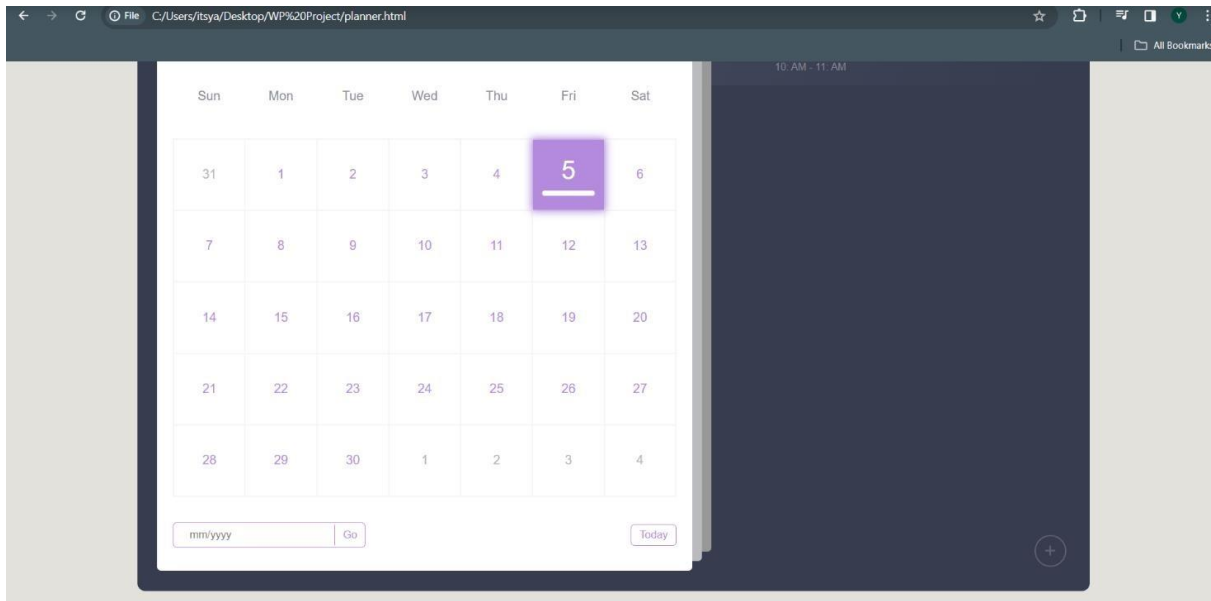
Top Screenshot: The login form is titled "Welcome!". It has two buttons: "Login" and "Sign Up". The email field contains "krish" and the password field contains "*****". Below the password field, a blue "Login" button is visible, and a red error message "Email not found" is displayed below it.

Bottom Screenshot: The login form is titled "Welcome!". It has two buttons: "Login" and "Sign Up". The email field contains "krish@gmail.com" and the password field contains "*****". Below the password field, a blue "Login" button is visible, and a red error message "Incorrect password" is displayed below it.

PLANNER

The image shows a screenshot of a web browser displaying a calendar planner interface. The browser's address bar shows the file path: C:/Users/itsya/Desktop/WP%20Project/planner.html.

The interface features a calendar for April 2024. The date "5" is highlighted in a purple box. To the right of the calendar, a task titled "WP Project" is listed for "10 AM - 11 AM" on "Fri, 5 April 2024". A purple checkmark is next to the task. A "SIGN OUT" button is visible in the top right corner.



SOURCE CODE

```

        font-size: 16px;
        transition: background-color 0.3s;
    }
    .form-group button[type="submit"]:hover { background-
color: #0056b3;
    }
    .toggle-buttons { display:
flex; justify-content: space-
between; margin-bottom: 20px;
    }
    .toggle-buttons button { width: calc(50% -
10px); padding: 12px; background-color:
transparent; color: #007bff; border: 1px
solid #007bff; border-radius: 5px; cursor:
pointer; outline: none; font-size: 16px;
transition: background-color 0.3s, color 0.3s; }
    .toggle-buttons button:hover {
background-color: #007bff; color:
#fff;
    }
    .error {
color: red;
    }

```

Planner using HTML, JavaScript and CSS

HTML:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta
        name="description" content="Stay organized with our user-
friendly Calendar featuring events, reminders, and a customizable
interface. Built with HTML, CSS, and
JavaScript. Start scheduling today!"
    />
    <meta
name="keywords"
        content="calendar, events, reminders, javascript, html, css, open source
coding"
    />
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/6.2.0/css/all.min.css
" integrity="sha512-
xh60/CkQoPOWdDdYTDqRdPCVd1SpvCA9XXcUnZS2FmJNp1coAFzvtCN9BmamE+4aHK8yyUHUSCcJHg
XloTyT2A==" crossorigin="anonymous" referrerpolicy="no-referrer" />

```

```

    <link rel="stylesheet" href="style.css" />
    <title>Planner</title>
</head>
<body>
    <div class="container">
        <div class="left">
            <div class="calendar">
                <div class="month">
                    <i class="fas fa-angle-left prev"></i>
                    <div class="date">december 2015</div>
                    <i class="fas fa-angle-right next"></i>
                </div>
                <div class="weekdays">
                    <div>Sun</div>
                    <div>Mon</div>
                    <div>Tue</div>
                    <div>Wed</div>
                    <div>Thu</div>
                    <div>Fri</div>
                    <div>Sat</div>
                </div>
                <div class="days"></div>
                <div class="goto-today">
                    <div class="goto">
                        <input type="text" placeholder="mm/yyyy" class="date-input" />
                        <button class="goto-btn">Go</button>
                    </div>
                    <button class="today-btn">Today</button>
                </div>
            </div>
        </div>
        <div class="right">
            <div class="today-date">
                <div class="event-day">wed</div>
                <div class="event-date">12th december 2022</div>
            </div>
            <div class="events"></div>
            <div class="add-event-wrapper">
                <div class="add-event-header">
                    <div class="title">Add Event</div>
                    <i class="fas fa-times close"></i>
                </div>
                <div class="add-event-body">
                    <div class="add-event-input">
                        <input type="text" placeholder="Event Name" class="event-name" />
                    </div>
                    <div class="add-event-input">
                        <input type="text" placeholder="Event Time From" class="eventtime-
from" />

```



```

        </div>
        <div class="add-event-input">
            <input type="text" placeholder="Event Time To" class="event-
timeto" />
        </div>
    </div>
    <div class="add-event-footer">
        <button class="add-event-btn">Add Event</button>
    </div>
</div>
</div>
<button class="add-event">
    <i class="fas fa-plus"></i>
</button>
</div>
<button class="sign-out-button" onclick="signOut()">SIGN OUT</button>
<script src="script.js"></script>
</body>
</html>

```

JavaScript:

```

const calendar = document.querySelector(".calendar"),    date =
document.querySelector(".date"),    daysContainer =
document.querySelector(".days"),    prev =
document.querySelector(".prev"),    next =
document.querySelector(".next"),    todayBtn =
document.querySelector(".today-btn"),    gotoBtn =
document.querySelector(".goto-btn"),    dateInput =
document.querySelector(".date-input"),    eventDay =
document.querySelector(".event-day"),    eventData =
document.querySelector(".event-date"),    eventsContainer =
document.querySelector(".events"),    addEventBtn =
document.querySelector(".add-event"),    addEventWrapper =
document.querySelector(".add-event-wrapper "),    addEventCloseBtn
= document.querySelector(".close "),    addEventTitle =
document.querySelector(".event-name "),    addEventFrom =
document.querySelector(".event-time-from "),    addEventTo =
document.querySelector(".event-time-to "),    addEventSubmit =
document.querySelector(".add-event-btn ");
let today = new
Date(); let activeDay;

```

```

let month = today.getMonth(); let
year = today.getFullYear();
const months =
[
  "January",
  "February",
  "March",
  "April",
  "May",
  "June",
  "July",
  "August",
  "September",
  "October",
  "November",
  "December",
]; const eventsArr =
[]; getEvents();
console.log(eventsArr);
function initCalendar() { const firstDay =
new Date(year, month, 1); const lastDay = new
Date(year, month + 1, 0); const prevLastDay =
new Date(year, month, 0); const prevDays =
prevLastDay.getDate(); const lastDate =
lastDay.getDate(); const day =
firstDay.getDay();
const nextDays = 7 - lastDay.getDay() - 1;
date.innerHTML = months[month] + " " +
year;

let days = "";
for (let x = day; x > 0; x--) { days += `<div class="day
prev-date">${prevDays - x + 1}</div>`;
}
for (let i = 1; i <= lastDate; i++) {
let event = false;
eventsArr.forEach((eventObj) => {
if (
eventObj.day === i &&
eventObj.month === month + 1 &&
eventObj.year === year
) {
event = true;
}
}); if
(
i === new Date().getDate() &&
year === new Date().getFullYear() &&
month === new Date().getMonth()
) { activeDay
= i;

```

```

getActiveDay(i);
updateEvents(i);
    if (event) {
        days += `

11 | Page


```

```

updateEvents(Number(e.target.innerHTML));
activeDay = Number(e.target.innerHTML);
//remove active days.forEach((day)
=> {
    day.classList.remove("active");
}); if (e.target.classList.contains("prev-
date")) { prevMonth(); setTimeout(() =>
{
    const days = document.querySelectorAll(".day");
days.forEach((day) => { if (
    !day.classList.contains("prev-date") &&
day.innerHTML === e.target.innerHTML
    ) {
day.classList.add("active");
    }
    });
    }, 100);
    } else if (e.target.classList.contains("next-date")) {
nextMonth(); setTimeout(() => { const days
= document.querySelectorAll(".day");
days.forEach((day) => { if (
    !day.classList.contains("next-date") &&
day.innerHTML === e.target.innerHTML
    ) {
day.classList.add("active");
    }
    });
    }, 100);
    } else {
e.target.classList.add("active");
    }
    });
    });
}
todayBtn.addEventListener("click", () => {
today = new Date(); month =
today.getMonth(); year =
today.getFullYear(); initCalendar();
}); dateInput.addEventListener("input", (e) => {
dateInput.value = dateInput.value.replace(/^[^0-9]/g, "");
if (dateInput.value.length === 2) {
dateInput.value += "/";
} if (dateInput.value.length > 7)
{
dateInput.value = dateInput.value.slice(0, 7);
} if (e.inputType === "deleteContentBackward")
{
if (dateInput.value.length === 3) {
dateInput.value = dateInput.value.slice(0, 2);
}
}
}

```

```

    } }); gotoBtn.addEventListener("click",
gotoDate);
function gotoDate() { console.log("here"); const dateArr =
dateInput.value.split("/"); if (dateArr.length === 2) { if
(dateArr[0] > 0 && dateArr[0] < 13 && dateArr[1].length === 4) {
month = dateArr[0] - 1; year = dateArr[1]; initCalendar();
return;
} }
alert("Invalid Date");
} function getActiveDay(date) { const day = new Date(year,
month, date); const dayName = day.toString().split(" ")[0];
eventDay.innerHTML = dayName; eventDate.innerHTML = date + " "
+ months[month] + " " + year;
} function updateEvents(date) {
let events = "";
eventsArr.forEach((event) => {
if (
date === event.day &&
month + 1 === event.month &&
year === event.year
) {
event.events.forEach((event) => {
events += `<div class="event">
<div class="title">
<i class="fas fa-circle"></i>
<h3 class="event-title">${event.title}</h3>
</div>
<div class="event-time">
<span class="event-time">${event.time}</span>
</div>
</div>`;
});
} }); if (events
=== "") {
events = `<div class="no-event">
<h3>No Events</h3>
</div>`;
} eventsContainer.innerHTML =
events;
saveEvents();

```

```

} addEventBtn.addEventListener("click", ()
=> {
addEventWrapper.classList.toggle("active");
}); addEventCloseBtn.addEventListener("click", ()
=> { addEventWrapper.classList.remove("active");
}); document.addEventListener("click", (e) => { if (e.target !==
addEventBtn && !addEventWrapper.contains(e.target)) {
addEventWrapper.classList.remove("active");
}
}); addEventTitle.addEventListener("input", (e) => {
addEventTitle.value = addEventTitle.value.slice(0, 60);
}); addEventFrom.addEventListener("input", (e) => {
addEventFrom.value = addEventFrom.value.replace(/^[^0-9:]/g, "");
if (addEventFrom.value.length === 2) { addEventFrom.value +=
":";
} if (addEventFrom.value.length > 5) {
addEventFrom.value = addEventFrom.value.slice(0, 5);
}
}); addEventTo.addEventListener("input", (e)
=> {
addEventTo.value = addEventTo.value.replace(/^[^0-9:]/g, "");
if (addEventTo.value.length === 2) { addEventTo.value +=
":";
}
if (addEventTo.value.length > 5) {
addEventTo.value = addEventTo.value.slice(0, 5);
}
});
addEventSubmit.addEventListener("click", () => {
const eventTitle = addEventTitle.value; const eventTimeFrom =
addEventFrom.value; const eventTimeTo = addEventTo.value; if
(eventTitle === "" || eventTimeFrom === "" || eventTimeTo === "") {
alert("Please fill all the fields"); return;
}
const timeFromArr = eventTimeFrom.split(":"); const
timeToArr = eventTimeTo.split(":");
if ( timeFromArr.length !==
2 || timeToArr.length !== 2
|| timeFromArr[0] > 23 ||
timeFromArr[1] > 59 ||
timeToArr[0] > 23 ||
timeToArr[1] > 59 ) {
alert("Invalid Time Format");
return;
} const timeFrom =
convertTime(eventTimeFrom); const timeTo =
convertTime(eventTimeTo);
let eventExist = false;
eventsArr.forEach((event) => {
if ( event.day === activeDay

```

```

    &&      event.month === month + 1
    &&      event.year === year
  ) {
    event.events.forEach((event) => {
      if (event.title === eventTitle) {
        eventExist = true;
      }
    });
    }   });   if (eventExist) {
    alert("Event already added");
    return;   }   const newEvent = {
    title: eventTitle,      time:
    timeFrom + " - " + timeTo,
    };   console.log(newEvent);
    console.log(activeDay);   let
    eventAdded = false;   if
    (eventsArr.length > 0) {
    eventsArr.forEach((item) => {
      if (      item.day === activeDay
    &&      item.month === month + 1
    &&      item.year === year    ) {
    item.events.push(newEvent);
    eventAdded = true;
      }
    });
  }

  if (!eventAdded) {
    eventsArr.push({
    day: activeDay,
    month: month + 1,
    year: year,      events:
    [newEvent],
      });
  }   console.log(eventsArr);
  addEventWrapper.classList.remove("active");
  addEventTitle.value = "";   addEventFrom.value = "";
  addEventTo.value = "";   updateEvents(activeDay);   const
  activeDayEl = document.querySelector(".day.active");   if
  (!activeDayEl.classList.contains("event")) {
  activeDayEl.classList.add("event");
  }

```

```

}); eventsContainer.addEventListener("click", (e) => {  if
(e.target.classList.contains("event")) {      if (confirm("Are you
sure you want to delete this event?")) {      const eventTitle =
e.target.children[0].children[1].innerHTML;
eventsArr.forEach((event) => {      if (      event.day ===
activeDay &&      event.month === month + 1 &&
event.year === year
    ) {
        event.events.forEach((item, index) => {
if (item.title === eventTitle) {
event.events.splice(index, 1);
        }
});
        if (event.events.length === 0) {
eventsArr.splice(eventsArr.indexOf(event), 1);
        //remove event class from day
        const activeDayEl = document.querySelector(".day.active");
if (activeDayEl.classList.contains("event")) {
            activeDayEl.classList.remove("event");
        }
    }
    }
});
    updateEvents(activeDay);
}
} }); function saveEvents() {
localStorage.setItem("events", JSON.stringify(eventsArr));
} function getEvents() {  if (localStorage.getItem("events")
=== null) {      return;  }
eventsArr.push(...JSON.parse(localStorage.getItem("events")));
} function convertTime(time) {  let timeArr =
time.split(":");  let timeHour = timeArr[0];  let
timeMin = timeArr[1];  let timeFormat = timeHour >=
12 ? "PM" : "AM";  timeHour = timeHour % 12 || 12;
time = timeHour + ":" + timeMin + " " + timeFormat;
return time;
} function signOut() {
window.location.href = 'index.html';
}

```

CSS:

```

:root {
  --primary-clr: #b38add;
} * {  margin: 0;  padding: 0;
box-sizing: border-box;  font-
family: "Poppins", sans-serif;
}
::-webkit-scrollbar {
width: 5px;

```



```

}
::-webkit-scrollbar-track {
background: #f5f5f5; border-radius:
50px;
}
::-webkit-scrollbar-thumb {
background: var(--primary-clr);
border-radius: 50px;
}

```

```

body { position: relative;
min-height: 100vh;
display: flex; align-
items: center; justify-
content: center; padding-
bottom: 30px; background-
color: #e2e1dc;
} .container { position:
relative; width: 1200px;
min-height: 850px; margin:
0 auto; padding: 5px;
color: #fff; display:
flex; border-radius:
10px; background-color:
#373c4f;
} .left { width: 60%;
padding: 20px; } .calendar {
position: relative; width:
100%; height: 100%; display:
flex; flex-direction: column;
flex-wrap: wrap; justify-
content: space-between; color:
#878895; border-radius: 5px;
background-color: #fff;
}

```

```

.calendar::before,
.calendar::after { content:
""; position: absolute;
top: 50%; left: 100%;
width: 12px; height: 97%;
border-radius: 0 5px 5px 0;

```

```

background-color: #d3d4d6d7;
transform: translateY(-50%); }
.calendar::before { height:
  94%;
  left: calc(100% + 12px); background-
  color: rgb(153, 153, 153);
} .calendar .month { width:
100%; height: 150px; display:
flex; align-items: center;
justify-content: space-between;
padding: 0 50px; font-size:
1.2rem; font-weight: 500;
text-transform: capitalize; }
.calendar .month .prev,
.calendar .month .next {
cursor: pointer;
}
.calendar .month .prev:hover,
.calendar .month .next:hover {
color: var(--primary-clr); }
.calendar .weekdays { width:
100%; height: 100px; display:
flex; align-items: center;
justify-content: space-between;
padding: 0 20px; font-size:
1rem; font-weight: 500; text-
transform: capitalize;
} .weekdays div { width:
14.28%; height: 100%;
display: flex; align-items:
center; justify-content:
center; } .calendar .days {
width: 100%; display: flex;
flex-wrap: wrap; justify-
content: space-between;
padding: 0 20px; font-size:
1rem; font-weight: 500;
margin-bottom: 20px;
}
.calendar .days .day { width:
  14.28%;
  height: 90px; display:
  flex;
  align-items: center;
  justify-content: center;
  cursor: pointer; color:
  var(--primary-clr);
  border: 1px solid #f5f5f5;
}

```

```

.calendar .days .day:nth-child(7n + 1) { border-
left: 2px solid #f5f5f5;
}
.calendar .days .day:nth-child(7n) { border-
right: 2px solid #f5f5f5;
}
.calendar .days .day:nth-child(-n + 7) { border-
top: 2px solid #f5f5f5;
}
.calendar .days .day:nth-child(n + 29) { border-
bottom: 2px solid #f5f5f5;
}

.calendar .days .day:not(.prev-date, .next-date):hover {
color: #fff; background-color: var(--primary-clr);
}
.calendar .days .prev-date,
.calendar .days .next-date {
color: #b3b3b3;
}
.calendar .days .active {
position: relative;
font-size: 2rem; color:
#fff;
background-color: var(--primary-clr);
}
.calendar .days .active::before { content:
""; position: absolute; top: 0; left: 0;
width: 100%; height: 100%; box-shadow: 0 0
10px 2px var(--primary-clr);
}
.calendar .days .today { font-
size: 2rem;
}
.calendar .days .event {
position: relative;
}
.calendar .days .event::after { content:
"";
position: absolute; bottom:
10%;

```

```

    left: 50%; width: 75%; height:
6px; border-radius: 30px;
transform: translateX(-50%);
background-color: var(--primary-clr);
}
.calendar .days .day:hover.event::after { background-
color: #fff;
}
.calendar .days .active.event::after {
background-color: #fff; bottom: 20%;
}
.calendar .days .active.event {
padding-bottom: 10px; }
.calendar .goto-today { width:
100%; height: 50px; display:
flex; align-items: center;
justify-content: space-between;
gap: 5px; padding: 0 20px;
margin-bottom: 20px; color:
var(--primary-clr);
}
.calendar .goto-today .goto {
display: flex; align-items:
center; border-radius: 5px;
overflow: hidden;
border: 1px solid var(--primary-clr);
}
.calendar .goto-today .goto input {
width: 100%; height: 30px;
outline: none; border: none;
border-radius: 5px; padding: 0
20px; color: var(--primary-clr);
border-radius: 5px;
}
.calendar .goto-today button {
padding: 5px 10px; border: 1px solid
var(--primary-clr);
border-radius: 5px; background-color:
transparent; cursor: pointer; color:
var(--primary-clr);
}
.calendar .goto-today button:hover {
color: #fff; background-color: var(--
primary-clr);
}
.calendar .goto-today .goto button {
border: none; border-left: 1px solid var(-
-primary-clr); border-radius: 0; }
.container .right {
position: relative;

```

```

width: 40%; min-height:
100%; padding: 20px 0;
}

.right .today-date { width:
100%; height: 50px; display:
flex; flex-wrap: wrap; gap:
10px; align-items: center;
justify-content: space-between;
padding: 0 40px; padding-left:
70px; margin-top: 50px;
margin-bottom: 20px; text-
transform: capitalize;
}
.right .today-date .event-day {
font-size: 2rem; font-weight:
500;
}
.right .today-date .event-date {
font-size: 1rem; font-weight:
400; color: #878895; } .events
{ width: 100%; height: 100%;
max-height: 600px; overflow-x:
hidden; overflow-y: auto;
display: flex; flex-direction:
column; padding-left: 4px;
}
.events .event { position: relative; width: 95%; min-
height: 70px; display: flex; justify-content: center;
flex-direction: column; gap: 5px; padding: 0 20px;
padding-left: 50px; color: #fff; background: linear-
gradient(90deg, #3f4458, transparent); cursor: pointer;
}

.events .event:nth-child(even) {
background: transparent;
}
.events .event:hover { background: linear-gradient(90deg, var(--
primary-clr), transparent);
}
.events .event .title {
display: flex; align-items:

```

```

center;    pointer-events:
none;
}
.events .event .title .event-title {
font-size: 1rem;    font-weight: 400;
margin-left: 20px;
}
.events .event i {    color:
var(--primary-clr);    font-
size: 0.5rem;
}
.events .event:hover i {
color: #fff;
}
.events .event .event-time {
font-size: 0.8rem;    font-
weight: 400;    color:
#878895;    margin-left:
15px;    pointer-events:
none;
}
.events .event:hover .event-time {
color: #fff;
}

.events .event::after {
    content:    "√";
    position:    absolute;
    top: 50%;    right: 0;
    font-size:    3rem;
    line-height:    1;
    display: none;
    align-items: center;
justify-content: center;
opacity: 0.3;    color: var(--
primary-clr);    transform:
translateY(-50%); }
.events .event:hover::after {
display: flex; } .add-event {
position: absolute;    bottom:
30px;    right: 30px;    width:
40px;    height: 40px;    display:
flex;    align-items: center;
justify-content: center;    font-
size: 1rem;    color: #878895;
border: 2px solid #878895;
opacity: 0.5;    border-radius:
50%;    background-color:
transparent;    cursor: pointer;
} .add-event:hover {    opacity:

```

```

1; } .add-event i { pointer-
events: none; } .events .no-
event { width: 100%; height:
100%; display: flex; align-
items: center; justify-
content: center; font-size:
1.5rem; font-weight: 500;
color: #878895; }
.add-event-wrapper {
  position: absolute;
  bottom: 100px;
  left: 50%; width:
  90%; max-height: 0;
  overflow: hidden;
  border-radius: 5px;
  background-color:
  #fff; transform:
  translateX(-50%);
  transition: max-
  height 0.5s ease;
}
.add-event-wrapper.active { max-
height: 300px; } .add-event-header
{ width: 100%; height: 50px;
display: flex; align-items:
center; justify-content: space-
between; padding: 0 20px;
color: #373c4f; border-bottom:
1px solid #f5f5f5;
}
.add-event-header .close {
font-size: 1.5rem; cursor:
pointer;
}
.add-event-header .close:hover {
color: var(--primary-clr);
}
.add-event-header .title {
font-size: 1.2rem; font-
weight: 500; } .add-event-
body { width: 100%;
height: 100%; display:
flex; flex-direction:

```

```

column; gap: 5px;
padding: 20px;
}
.add-event-body .add-event-input {
width: 100%; height: 40px;
display: flex; align-items:
center; justify-content: space-
between; gap: 10px;
}
.add-event-body .add-event-input input {
width: 100%; height: 100%; outline:
none; border: none;
border-bottom: 1px solid #f5f5f5;
padding: 0 10px; font-size:
1rem; font-weight: 400; color:
#373c4f;
}
.add-event-body .add-event-input input::placeholder {
color: #a5a5a5;
}
.add-event-body .add-event-input input:focus { border-
bottom: 1px solid var(--primary-clr);
}
.add-event-body .add-event-input input:focus::placeholder {
color: var(--primary-clr);
}
.add-event-footer {
display: flex; align-
items: center; justify-
content: center; padding:
20px;
}
.add-event-footer .add-event-btn {
height: 40px; font-size: 1rem;
font-weight: 500; outline: none;
border: none; color: #fff;
background-color: var(--primary-clr);
border-radius: 5px; cursor: pointer;
padding: 5px 10px;
border: 1px solid var(--primary-clr);
}
.add-event-footer .add-event-btn:hover {
background-color: transparent; color:
var(--primary-clr);
}

@media screen and (max-width: 1000px) {
body { align-items: flex-start;
justify-content: flex-start;

```



```

    } .container {      min-
height: 100vh;      flex-
direction: column;
    border-radius: 0;
    }
    .container .left {
width: 100%; height:
100%; padding: 20px 0;
    } .container .right
{   width: 100%;
height: 100%;
padding: 20px 0;
    }
    .calendar::before,
.calendar::after {      top:
100%;      left: 50%;      width:
97%;      height: 12px;
border-radius: 0 0 5px 5px;
transform: translateX(-50%);
    } .calendar::before {
width: 94%;      top:
calc(100% + 12px);
    } .events {
padding-bottom: 340px;    }
.add-event-wrapper {
bottom: 100px;
    }
}
@media screen and (max-width: 500px) {
.calendar .month {      height: 75px;
}
    .calendar .weekdays {
height: 50px;    }
    .calendar .days .day {
height: 40px;      font-size:
0.8rem;
    }
    .calendar .days .day.active,
.calendar .days .day.today {
font-size: 1rem;    } .right
.today-date {      padding:
20px;

```

```

    }
}
.sign-out-button {
  padding: 10px 20px;
  background-color: #fff;
  color: #333; border:
  none; border-radius: 5px;
  cursor: pointer;
  position: absolute;
  top: 20px; right:
  20px;
}

```

Backend Database Connectivity using MySQL and Node JS

Node JS:

```

const express = require('express'); const {
createConnection } = require('mysql2'); const
bodyParser = require('body-parser'); const cors
= require('cors'); const app = express();
app.use(bodyParser.json()); app.use(cors());
const db =
createConnection({ host:
'localhost', user: 'root',
password: 'root', database:
'WP_Project'
}); db.connect((err)
=> { if (err) {
throw err;
} console.log('Connected to MySQL
database');
});
app.post('/signup', (req, res) => { const {
name, email, password } = req.body;
const sql = 'INSERT INTO users (name, email, password) VALUES (?, ?, ?)';
db.query(sql, [name, email, password], (err, result) => { if (err) {
res.status(400).send('Error signing up');
return;
}
res.status(200).send('Signup successful');
});
}); app.post('/login', (req, res) => { const {
email, password } = req.body; const sql = 'SELECT
* FROM users WHERE email = ?'; db.query(sql,
[email], (err, result) => { if (err) {
res.status(400).send('Error logging in');
return;
} if (result.length === 0)
{
res.status(404).send('Email not found');
return;
} const user = result[0];

```

```

    if (user.password !== password) {
      res.status(401).send('Incorrect password');
      return; }
    res.status(200).send('Login
    successful');
  });
}); const PORT = process.env.PORT || 3000;
app.listen(PORT, () => { console.log(`Server is
running on port ${PORT}`);
});

```

MySQL:

```

CREATE DATABASE WP_Project;
USE WP_Project; CREATE TABLE users (
id INT AUTO_INCREMENT PRIMARY KEY,
name VARCHAR(255) NOT NULL, email
VARCHAR(255) NOT NULL UNIQUE,
password VARCHAR(255) NOT NULL
);
select * from users;

```

9 • `select * from users;`

	id	name	email	password
▶	1	Krish	krish@yahoo.com	Krish@123456
	5	Yash	yash@gmail.com	Yash@123456
	21	Krish	krish@gmail.com	Krish@1234
•	NULL	NULL	NULL	NULL

CONCLUSION

In conclusion, our collaborative calendar planner project represents a significant contribution to the realm of digital productivity tools, particularly in fostering efficient teamwork and streamlined task management. Through the seamless integration of HTML, CSS, Angular, Node.js, and MySQL, we have created a robust platform that empowers users to collaboratively organize their schedules, coordinate tasks, and maximize productivity. The project's emphasis on user-friendly design and real-time collaboration underscores its practical utility in diverse settings, ranging from professional teams to academic groups and personal projects. As technology continues to evolve, collaborative tools like our calendar planner play an increasingly vital role in optimizing organizational workflows and facilitating effective communication among team members. Moving forward, we envision further enhancements and refinements to our calendar planner, guided by user feedback and emerging technological advancements. Ultimately, our goal remains steadfast: to empower individuals and teams with the tools they need to achieve their goals, collaborate effectively, and make the most of their time.