Event Requisition Portal

Project ID 11 - Gokul S - Project Flow

The Portal aims to provide an easy approach to request an event and approving an event for the faculty members and the events team of our college

Tech Stack: **L**inux **A**pache **M**ysql **P**hp (LAMP)

1. Getting Requirement from the problem holder (Problem Statement)

- The problem holder is the events team of our college
- Till now to conduct any event in our college, the faculty members need to fill the form which is a hard copy if the requirements are needed they need to fill out more forms, there are a total of **8 Forms(Annexures)** available for different requirements
    - 1. Event Form
    - 2. External Transport Form - Annexure I(a)
    - 3. Guest Accommodation Form - Annexure II(a)
    - 4. Hostel Accommodation Form - Annexure II(b)
    - 5. Venue Form - Annexure III
    - 6. Audio Form - Annexure IV
    - 7. Photography Form - Annexure V
    - 8. Accessories Form - Annexure VI
- **Problem 1** - The manually written forms take almost hours to fill and get approval
- **Problem 2** - Organizing the events based on dates is manual work that takes time, which leads to late communication
- To rectify the above-listed problems they need a portal that can used by faculties to upload the events, the events team to approve or change the requirements and organize the events based on dates, and vehicles, accommodation team to arrange the requirements accordingly
- There are more fields in the form which has redundancy need to rectify that and make the website fill the forms
- Most of the requirements were gathered in pen and paper (which I only can understand 😅), and I'm attaching that too in the repository.

2. Web Page Design

- "The Sooner you start to code, the longer the program takes…" - Roy Carlson
- Designing a web page using wireframes or Figma, is very useful to develop the front end faster with a clear understanding of how a web page should look like
- So design a complete look of the website using Figma, with the help of requirements gathered.
- Make changes if the problem state holder has some changes according to their convenient

3. Front End Development

- After the compilation of the design it may take one or two days to code
- Using HTML, CSS, and JS we can create a front end that resembles the design, if the page needs to be responsive it takes another one or two days
- We can use any text editor for this, my favorite is VS Code, and using the HTTPD Apache server we can host/see the web page

4. Database Design and implementation

- Before jumping into backend development we need to complete our database schema design which helps us to fetch and insert the data faster.
- Designing a schema for databases includes designing which out data redundancy, and without updation, deletion, or insertion anomaly, to rectify this kind of anomaly we need to use normalization on the schema tables.
- After designing the RDBMS we can implement it using some dummy records and create some join queries for fetching the data which may help us to make the backend easier

5. Back End Development
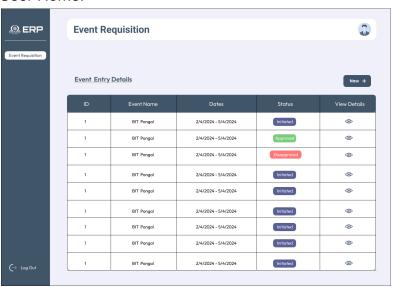
- After the Development of the Database, we need to connect the data from the database to the front end using a backend, which is a web server scripting language
- For that, I am going to use PHP which connects the front end and database.
- PHP can able to do form validation too.

6. Testing and Deployment
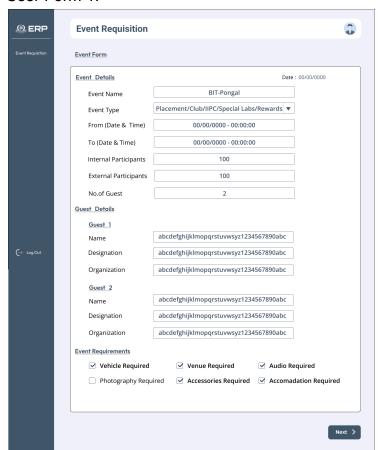
- After the successful completion of the website, we need to test it using the requirements of the problem stakeholders and change the website according to their feedback.
- After the successful completion of the testing positively, we need to deploy the website in the internet to access anywhere, for that we can rely on AWS cloud services or any other third party web service provider to deploy our site on the internet

The flow of Web Page (Design)
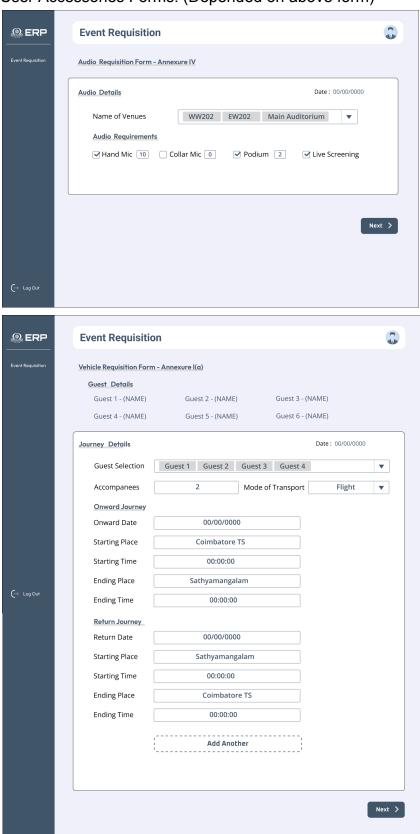
User Home:
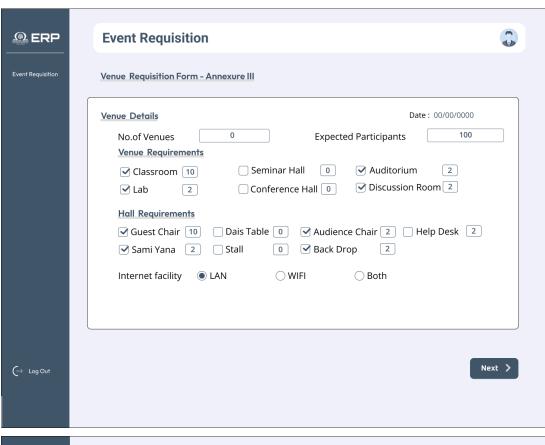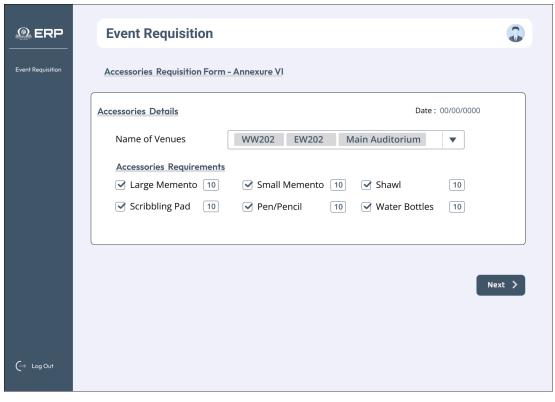
User Form 1:
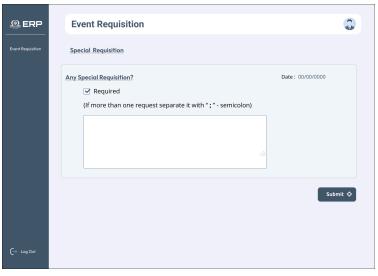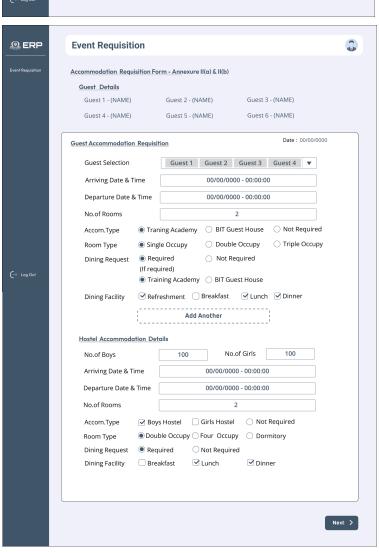
User Accessories Forms: (Depended on above form)

Event Requisition

Audio Requisition Form – Annexure IV

Audio Details

Date : 00/00/0000

Name of Venues | WW202 | EW202 | Main Auditorium | ▼

Audio Requirements

☑ Hand Mic [10]   ☐ Collar Mic [0]   ☑ Podium [2]   ☑ Live Screening

Next ❯

Vehicle Requisition Form – Annexure I(a)

Guest Details

Guest 1 - (NAME)   Guest 2 - (NAME)   Guest 3 - (NAME)

Guest 4 - (NAME)   Guest 5 - (NAME)   Guest 6 - (NAME)

Journey Details

Date : 00/00/0000

| Guest Selection | Guest 1 | Guest 2 | Guest 3 | Guest 4 | ▼ |

Accompanees [2]   Mode of Transport [Flight ▼]

Onward Journey

Onward Date — 00/00/0000

Starting Place — Coimbatore TS

Starting Time — 00:00:00

Ending Place — Sathyamangalam

Ending Time — 00:00:00

Return Journey

Return Date — 00/00/0000

Starting Place — Sathyamangalam

Starting Time — 00:00:00

Ending Place — Coimbatore TS

Ending Time — 00:00:00

Add Another

Next ❯

ERP — Event Requisition — Log Out

Event Requisition

Venue Requisition Form – Annexure III

Venue Details
Date : 00/00/0000

No.of Venues `0`   Expected Participants `100`

Venue Requirements
- ☑ Classroom `10`
- ☐ Seminar Hall `0`
- ☑ Auditorium `2`
- ☑ Lab `2`
- ☐ Conference Hall `0`
- ☑ Discussion Room `2`

Hall Requirements
- ☑ Guest Chair `10`
- ☐ Dais Table `0`
- ☑ Audience Chair `2`
- ☐ Help Desk `2`
- ☑ Sami Yana `2`
- ☐ Stall `0`
- ☑ Back Drop `2`

Internet facility   ◉ LAN   ○ WIFI   ○ Both

Next >

Event Requisition

Accessories Requisition Form – Annexure VI

Accessories Details
Date : 00/00/0000

Name of Venues   WW202 | EW202 | Main Auditorium | ▼

Accessories Requirements
- ☑ Large Memento `10`
- ☑ Small Memento `10`
- ☑ Shawl `10`
- ☑ Scribbling Pad `10`
- ☑ Pen/Pencil `10`
- ☑ Water Bottles `10`

Next >

Event Requisition

Special Requisition

Any Special Requisition?   Date : 00/00/0000

☑ Required

(If more than one request separate it with " **;** " - semicolon)

[   ]

Submit ◇

Event Requisition

Accommodation Requisition Form – Annexure II(a) & II(b)

Guest Details

| Guest 1 - (NAME) | Guest 2 - (NAME) | Guest 3 - (NAME) |
| Guest 4 - (NAME) | Guest 5 - (NAME) | Guest 6 - (NAME) |

Guest Accommodation Requisition   Date : 00/00/0000

Guest Selection   [Guest 1 | Guest 2 | Guest 3 | Guest 4 | ▼]

Arriving Date & Time   [00/00/0000 - 00:00:00]

Departure Date & Time [00/00/0000 - 00:00:00]

No.of Rooms   [2]

Accom.Type   ● Traning Academy   ○ BIT Guest House   ○ Not Required

Room Type   ● Single Occupy   ○ Double Occupy   ○ Triple Occupy

Dining Request   ● Required   ○ Not Required
                 (If required)
                 ● Training Academy   ○ BIT Guest House

Dining Facility   ☑ Refreshment   ☐ Breakfast   ☑ Lunch   ☑ Dinner

[Add Another]

Hostel Accommodation Details

No.of Boys   [100]   No.of Girls   [100]

Arriving Date & Time   [00/00/0000 - 00:00:00]

Departure Date & Time [00/00/0000 - 00:00:00]

No.of Rooms   [2]

Accom.Type   ☑ Boys Hostel   ☐ Girls Hostel   ☐ Not Required

Room Type   ● Double Occupy ○ Four Occupy   ○ Dormitory

Dining Request   ● Required   ○ Not Required

Dining Facility   ☐ Breakfast   ☑ Lunch   ☑ Dinner

Next ›

Admin Home:

Event Approval

ERP

- Event Approval
- Event Requisition
- Day-wise Report

Event Entry Details

ID	Event Name	Dates	Faculty Name -ID	View Details
1	BIT Pongal	2/4/2024 – 5/4/2024	Mr.XXX	👁
1	BIT Pongal	2/4/2024 – 5/4/2024	Mr.XXX	👁
1	BIT Pongal	2/4/2024 – 5/4/2024	Mr.XXX	👁
1	BIT Pongal	2/4/2024 – 5/4/2024	Mr.XXX	👁
1	BIT Pongal	2/4/2024 – 5/4/2024	Mr.XXX	👁
1	BIT Pongal	2/4/2024 – 5/4/2024	Mr.XXX	👁
1	BIT Pongal	2/4/2024 – 5/4/2024	Mr.XXX	👁
1	BIT Pongal	2/4/2024 – 5/4/2024	Mr.XXX	👁
1	BIT Pongal	2/4/2024 – 5/4/2024	Mr.XXX	👁

Log Out

Admin Report Date Wise:

Day Wise Report

ERP

- Event Approval
- Event Requisition
- Day-wise Report

Day- Wise Entry Details

Select the Date : 01 - 04 - 2024

Download ↓

ID	Organizer	Event Name	From	To	Timings	Venue
1	Mr.XXX – 1212AL111	BIT Pongal	02 – 04 – 2024	05 – 04 – 2024	00 : 00 – 00 : 00	WW202, EW202
1	Mr.XXX – 1212AL111	BIT Pongal	02 – 04 – 2024	05 – 04 – 2024	00 : 00 – 00 : 00	WW202, EW202
1	Mr.XXX – 1212AL111	BIT Pongal	02 – 04 – 2024	05 – 04 – 2024	00 : 00 – 00 : 00	WW202, EW202
1	Mr.XXX – 1212AL111	BIT Pongal	02 – 04 – 2024	05 – 04 – 2024	00 : 00 – 00 : 00	WW202, EW202
1	Mr.XXX – 1212AL111	BIT Pongal	02 – 04 – 2024	05 – 04 – 2024	00 : 00 – 00 : 00	WW202, EW202
1	Mr.XXX – 1212AL111	BIT Pongal	02 – 04 – 2024	05 – 04 – 2024	00 : 00 – 00 : 00	WW202, EW202
1	Mr.XXX – 1212AL111	BIT Pongal	02 – 04 – 2024	05 – 04 – 2024	00 : 00 – 00 : 00	WW202, EW202
1	Mr.XXX – 1212AL111	BIT Pongal	02 – 04 – 2024	05 – 04 – 2024	00 : 00 – 00 : 00	WW202, EW202
1	Mr.XXX – 1212AL111	BIT Pongal	02 – 04 – 2024	05 – 04 – 2024	00 : 00 – 00 : 00	WW202, EW202

Log Out

Admin Approval Page:

Event Approval

Event Entry Details – View

Event Details – (Name)   Submitted On : 00/00/0000

Event ID	101	Event Dates	00/00/0000 - 00/00/0000
Event Name	BIT - Pongal	Event Time	00:00:00 - 00:00:00
Event Type	Clubs	Internal Participants	100
No.of Guest	2	External Participants	100

Guest Details

Guest 1

Name	abcdefghijklmopqrstuvwsyz1234567890abcssss
Designation	abcdefghijklmopqrstuvwsyz1234567890abcssss
Organization	abcdefghijklmopqrstuvwsyz1234567890abcssss

Guest 2

Name	abcdefghijklmopqrstuvwsyz1234567890abcssss
Designation	abcdefghijklmopqrstuvwsyz1234567890abcssss
Organization	abcdefghijklmopqrstuvwsyz1234567890abcssss

Vehicle Details

Guest 1(NAME)

Accompanees	2	Mode of Transport	Flight

	Onward Journey	Return Journey
Date	00/00/0000	00/00/0000
Starting Place	Coimbatore TS	Sathyamangalam
Starting Time	00:00:00	00:00:00
Ending Place	Sathyamangalam	Coimbatore TS
Ending Time	00:00:00	00:00:00

Guest Accommodation Details

Guest 2(NAME), Guest 3(NAME)

Arriving Date	00/00/0000	Departure Date	00/00/0000
Arriving Time	00:00:00	Departure Time	00:00:00
No.of Days	5	No.of Rooms	2

Accom.Type ◉ Training Academy ◯ BIT Guest House ◯ Not Required
Room Type ◉ Single Occupy ◯ Double Occupy ◯ Triple Occupy
Dining Request ◉ Required ◯ Not Required
(If required)
◉ Training Academy ◯ BIT Guest House
Dining Facility ☑ Refreshment ☐ Breakfast ☑ Lunch ☑ Dinner

Hostel Accommodation Details

No.of Boys	100	No.of Girls	100
Arriving Date	00/00/0000	Departure Date	00/00/0000
Arriving Time	00:00:00	Departure Time	00:00:00
No.of Days	5	No.of Rooms	2

Accom.Type ☑ Boys Hostel ☐ Girls Hostel ◯ Not Required
Room Type ◉ Double Occupy ◯ Four Occupy ◯ Dormitory
Dining Request ◉ Required ◯ Not Required
Dining Facility ☐ Breakfast ☑ Lunch ☑ Dinner

Venue Details

No.of Venues	0	Expected Participants	100

Venue Requirements

☑ Classroom [10] ☐ Seminar Hall [0] ☑ Auditorium [2]
☑ Lab [2] ☐ Conference Hall [0] ☑ Discussion Room [2]

Hall Requirements

☑ Guest Chair [10] ☐ Dais Table [0] ☑ Audience Chair [2] ☐ Help Desk [2]
☑ Sami Yana [2] ☐ Stall [0] ☑ Back Drop [2]
Internet facility ◉ LAN ◯ WIFI ◯ Both

Audio Details

Name of Venues [WW202 EW202 Main Auditorium]

Audio Requirements

☑ Hand Mic [10] ☐ Collar Mic [0] ☑ Podium [2] ☑ Live Screening

Accessories Details

Name of Venues [WW202 EW202 Main Auditorium]

Accessories Requirements

☑ Large Memento [10] ☑ Small Memento [10] ☑ Shawl [10]
☑ Scribbling Pad [10] ☑ Pen/Pencil [10] ☑ Water Bottles [10]

Special Requirements Details

☑ 1. Special Lunch for Participants
☐ 2. Special Flight For Guest

[Approve ✓]   [Reject ✕]

Accommodation Home:

Accommodation - Dashboard

Accommodation

Accommodation Details

ID	Event Organizer	Event Name	Starting Date	Starting Date	View
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁

Log Out

Accommodation Details:

Event Requisition

Event Requisition

Accommodation Requisition Details

Guest Details

Guest 1 - (NAME)   Guest 2 - (NAME)   Guest 3 - (NAME)

Guest 4 - (NAME)   Guest 5 - (NAME)   Guest 6 - (NAME)

Guest Accommodation Requisition

Guest Selection	Guest 1	Guest 2	Guest 3	Guest 4	▼
Arriving Date & Time	00/00/0000 - 00:00:00
Departure Date & Time	00/00/0000 - 00:00:00
No.of Rooms	2

Accom.Type   ⦿ Traning Academy   ◯ BIT Guest House   ◯ Not Required

Room Type   ⦿ Single Occupy   ◯ Double Occupy   ◯ Triple Occupy

Dining Request   ⦿ Required   ◯ Not Required
(If required)

⦿ Training Academy   ◯ BIT Guest House

Dining Facility   ☑ Refreshment   ☐ Breakfast   ☑ Lunch   ☑ Dinner

Hostel Accommodation Details

No.of Boys   [100]   No.of Girls   [100]

Arriving Date & Time   00/00/0000 - 00:00:00

Departure Date & Time   00/00/0000 - 00:00:00

No.of Rooms   2

Accom.Type   ☑ Boys Hostel   ☐ Girls Hostel   ◯ Not Required

Room Type   ⦿ Double Occupy   ◯ Four Occupy   ◯ Dormitory

Dining Request   ⦿ Required   ◯ Not Required

Dining Facility   ☐ Breakfast   ☑ Lunch   ☑ Dinner

Log Out

Vehicle Home :

ERP

Vehicle Status

Vehicle - Dashboard

Vehicle Request Details

ID	Event Organizer	Event Name	Starting Date	Starting Date	View
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁
1	Mr.XXX - 212al114	BIT - Pongal	00 - 00 -0000	00 - 00 -0000	👁

Log Out

Vehicle Details:

ERP

Vehicle Status

Event vechile Details

Vehicle Requisition Details

Guest Details

Guest 1 - (NAME)   Guest 2 - (NAME)   Guest 3 - (NAME)

Guest 4 - (NAME)   Guest 5 - (NAME)   Guest 6 - (NAME)

Journey Details   Submitted on Date : 00/00/0000

Guest Selection | Guest 1 | Guest 2 | Guest 3 | Guest 4 | ▼

Accompanees | 2 | Mode of Transport | Flight   ▼ |

Onward Journey

Onward Date | 00/00/0000 |

Starting Place | Coimbatore TS |

Starting Time | 00:00:00 |

Ending Place | Sathyamangalam |

Ending Time | 00:00:00 |

Return Journey

Return Date | 00/00/0000 |

Starting Place | Sathyamangalam |

Starting Time | 00:00:00 |

Ending Place | Coimbatore TS |

Ending Time | 00:00:00 |

Log Out