

# App Dev Lab Project Document - Sept 2025

## How to ensure the code you are submitting will work when we evaluate it

The project can only be submitted **only once** inside the project submission portal. Make sure you first validate your submission using a validation Google form which we have provided inside the project submission portal. You shall receive an automated email after submitting the project file in the validation Google form, in a couple of minutes. The validation Google form can be used as many times as needed.

**Note:** Submit only if the project zip folder passes the test on the above google form. Once submitted, you will be evaluated based on that submission only.

## How to submit your final project:

- The project code must be submitted as a zip file.
- The report must be submitted in a DOCX or PDF format
- The video must not be more than 5–10 minutes in length
- All of the above must be submitted in their respective fields only
- Kindly note that there should not be any other file or folder in the root directory except the project folder.

A probable file tree structure is given below.

```

fullstack-app/
├── client/                                # React Frontend
│   ├── src/
│   │   ├── components/                  # Reusable UI components
│   │   │   ├── Navbar.jsx
│   │   │   └── Footer.jsx
│   │   ├── services/                   # API calls
│   │   │   └── api.js
│   │   ├── hooks/                      # Custom React hooks
│   │   ├── App.jsx
│   │   └── main.jsx
│   └── server/                         # Express + TypeORM Backend
│       ├── src/
│       │   ├── entities/               # Database models
│       │   │   ├── User.ts
│       │   │   └── Product.ts
│       │   ├── controllers/            # Express route controllers
│       │   │   ├── AuthController.ts
│       │   │   └── EventController.ts
│       │   ├── services/               # Business logic
│       │   │   ├── AuthService.ts
│       │   │   └── EventService.ts
│       │   ├── routes/                 # API route definitions
│       │   │   ├── auth.routes.ts
│       │   │   └── events.routes.ts
│       │   ├── middlewares/            # Auth & error handling
│       │   │   └── auth.middleware.ts
│       │   ├── app.ts                  # Express app setup
│       │   └── server.ts               # Server entry point
│   └── README.md
└── ai_usage.md
  
```

## Eligibility to appear for Project Viva

To be eligible for the final project viva, learners must satisfy the following conditions by the end of **Week 8**:

- Score at least **16 out of the 24** cumulative marks available in **Weeks 1 to 8**.
- Attempt both Lab Assignments in **Weeks 4 and 5**.
- Attempt Quiz 2

## Eligibility to get final course grade

Students should appear for the Project Viva and must score at least **25 out of 50 marks** in the project component.

## How we will evaluate your submitted project

### Step 1: Executing the submission

Once we receive the submission, we will batch process the submissions received in a given timeframe on a specific date, using an automated code, which will first unzip the folder, look for presence of the root folder and existence of a .js or .ts file.

## Step 2: If the validation fails

If the folder cannot be unzipped or the root folder or .js file are missing, the submission will be reported as **invalid**. You will be asked to resubmit the project within the given deadline. Following are the possible scenarios where your submission will be considered as **invalid**:

- It is not a zip file.
- The project folder does not reside in the root directory of the zip submission folder.
- There are other files or folders in the root directory other than the project folder.
- The files/folders of the application are not inside the project folder.
- Submission does not contain any .js/.ts file.
- The submission contains only PDF/text files.
- The compiler is unable to unzip your submission.
- Your submission contains corrupted files (files with unrecognized extensions).
- Any additional scenario where we are unable to process your submission.

## Step 3: If the validation passes but fails plagiarism test

If the root folder and .js file are found, the next step is passing the code through the plagiarism checker. If your submission is reported as failed by the plagiarism checker, we will inform you of this. If you wish to contest this, you can fill the grievance redressal form and the internal grievance committee will meet with you to discuss this. If plagiarism is

proven, you will be referred to the disciplinary committee of the institute for further action. **Further, this event will be added to your academic records, and IITM BS Degree program will not provide any support for internships/placements.**

**Note:** The grievance redressal form will only be provided to the student failing the plagiarism test through plagiarism checker, and NOT to those who have been marked to have done malpractice by your examiner.

#### Step 4: If your submission is valid, and has passed the plagiarism checker

You will be eligible to attend viva-voce examination, where an assessment is done to check if the project conforms to the basic requirements given in the project statement and if the student has basic understanding of the work submitted.

**Note:** During the viva, if the examiner is not convinced that the project is solely done by the student, **the examiner will have the complete right to fail the student, and it will be considered a malpractice/plagiarism and will be liable for punishment as recommended by the student affairs** even if the most or all core features are implemented.

#### Step 5a: If you pass viva-voce examination (marks $\geq 25$ )

If you pass the viva-voce examination, your viva score will be forwarded to the operations to calculate your final course score and course grade along with the

placement/internship recommendation based on your performance in the viva.

### Step 5b: If you fail viva-voce (Marks < 25) in first attempt

If a student scores marks less than 25, he/she will be allowed to reattempt the viva by making a new submission within the deadline. You have to pay an amount of, ₹1000 to cover expenses incurred in running your code through the plagiarism checker and other processing overheads.

### Step 5b: If you fail viva-voce (Marks < 25) in second attempt

If a student scores marks less than 25 in the second attempt of the viva-voce examination, he/she will fail the entire lab course and will NOT be recommended to the placement cell for the internship and/or placement.

## Problem Statement

There is only project statement for the Sept 2025 term, find the details below;

[Event Management Platform](#)

## Dos AND Don'ts while attending the viva

- Keep a **soft copy of your ID card** ready to share at the start of the viva.

- **Check your mic, camera, and screen-sharing** beforehand — confirm with the viva observer.
- Keep your **code organized and easily accessible** for quick modifications during the viva.
- If using a **local setup**, ensure all **dependencies are pre-installed**; no installations should happen during the viva.
- Viva time should focus on **demonstration, project evaluation, and conceptual understanding**.
- **Viva slot** cannot be changed except for valid **medical or approved strong reasons** (with proof).
- Reasons like *“laptop not working”* or *“another exam”* are **not acceptable** for rescheduling.
- **Cancellation/rescheduling** due to your side incurs a **₹1000 fee** (examiner honorarium + processing).

## Code Sharing & Plagiarism Guidelines

- **Do not share your code** with anyone until you receive your final project grade.
- If your code is **flagged by the plagiarism checker**, **all similar submissions** will also be flagged — **all involved students shall face the same penalty**, regardless of who wrote it.
- **Do not upload** your project to **any public repository**.
- **Do not share** your code with others — even during discussions or through **files, screenshots, screen share, or any other medium**.
- Ensure that the **entire business logic is written by you**.
- You may refer to **official documentation** for configuration purposes, but **code snippets from external sources are not allowed**.
- Be prepared to **explain every part of your code** — including snippets from official documentation (know their purpose and impact).
- **Modifying variable or function names** in copied code does **not** make it original.



- **Adding irrelevant or unreachable code** to bypass plagiarism detection is **not acceptable** and will be treated as **plagiarism**.
- Changing the **sequence of code blocks** in copied code will still be **detected as plagiarism**.
- The **similarity threshold** and **minimum code length** for plagiarism checks will be **decided after submissions**; focus on building a **clean, original, working application**, not on beating the checker.
- **Do not get your code written by others** (friends, family, or acquaintances). Assistance is allowed only if you can **explain and modify** the code yourself during viva.
- **Use the same system** for the entire development and viva process; excuses like *"code was on another laptop"* will **not be accepted**.
- If you borrow an **idea** from an external source, you **must cite it**, but citation alone **does not justify copied or slightly modified code**.
- **Verbatim copying of code** (with or without minor edits) is **strictly prohibited** and will be treated as **plagiarism**.

## Declaration on usage of AI

Please refer to the documentation given below and create a .md file to be added along with the project that clearly states the usage of AI done by the student throughout the project development process.

[AI Usage Quantification Guidelines.pdf](#)

## Timeline for viva

Project submission starts	Nov 28, 2025
Project Deadline	Dec 10, 2025 11:59 PM
Validation & Plagiarism Result	Dec 11, 2025 (Midnight)
Slot Booking	Dec 12, 2025 (Between 10 AM and 5 PM)
Viva Dates	December 13 & 14
Slot Booking (Those who fail the first attempt)	Dec 15, 2025 (Between 10 AM and 5 PM)
Re Viva Dates (Those who fail the first attempt)	Dec 16, 2025
Viva Results	Dec 19, 2025

