

MAJOR / MINOR PROJECT ABSTRACT [Form - 1] (YEAR - 2025)

NAME OF LAB COORDINATOR: Dr. Priyanka Yadav

TITLE OF PROJECT: Online Tickets Reservation System for Cinema Halls.

PROJECT TRACK: (Tick the appropriate one / ones)

1. R&D (Innovation)	2. CONSULTANCY (Fetched from Industry)	3. STARTUP <input checked="" type="checkbox"/> (Self-Business Initiative)	4. PROJECT POOL (From IBM / INFOSYS)	5. HARDWARE / EMBEDDED
------------------------	---	--	---	---------------------------

BRIEF INTRODUCTION OF PROJECT:

The Online Tickets Reservation System allows users to browse movies, view showtimes and book tickets online. It includes features like user authentication, movie search and ticket booking. Administration can manage shows, tickets and profiles through dedicated management modules.

TOOLS / TECHNOLOGIES TO BE USED:

NAME OF TOOL / TECHNOLOGY	VERSION	SOFTWARE / HARDWARE	PURPOSE OF USE
ReactJS	V17	Software	Frontend UI Library
NodeJS, ExpressJS	V18, V4	Software	Backend API & runtime environment
Redux	V4	Software	State management
MongoDB	V6	Software	NoSQL Database

PROPOSED PROJECT MODULES:

NAME OF MODULE	PROPOSED FUNCTIONALITY IN PROJECT
User Authentication	Allows login and register their session
User Profile Management	User update their details
Admin / Manager	Admins can manage movies & cinema related details
Movies	Allows users to book and view seats of shows
Ticket Booking	Ticket generation and mail confirmation
Reservations	Approve and cancel customer booking

TEAM MEMBER DETAILS:

STUDENT NAME	CLASS & GROUP	MOBILE No.	EXPERTISE AREA	ROLE IN PROJECT
Aditya Pratap Singh	7ITA-G1	7597591119	Frontend, UI design	Front-end developer
Aman Jain	7ITA-G1	8814285874	Backend, API	Back-end developer
Ayush Jha	7ITA-G1	7300213489	Database, Mobile compatibility	Database administrator

NOTE: 1. This form is to be submitted by a team of maximum 4 students in the starting of semester to lab coordinator.
2. Students must keep a Xerox copy of this form as reference for project work and attach it to final report.