ICT ACADEMY OF KERALA

ICTAK SOLUTIONS INTERNSHIP

Information and Communication Technology Academy of Kerala (ICTAK) is a social enterprise created by the Government of Kerala with the support of the Government of India and leading IT companies such as TCS, Sowparnika Education Infrastructure, IBS, UST, and QuEST. Formed in 2014 under a Public-Private Partnership model, the organization's primary objective is to equip the youth of Kerala with essential ICT skills, consequently enhancing their prospects for employment within the industry. As the leading provider of a skilled workforce in the industry, ICTAK has an impressive track record, having trained over 100,000 students and facilitating more than 14,000 successful placements since its establishment.

A **GOVT. OF INDIA** SUPPORTED, **GOVT. OF KERALA** PARTNERED SOCIAL ENTERPRISE.

About ICTAK Solutions Internship

At ICT Academy of Kerala, we are committed to fostering the next generation of talent and providing young professionals with the opportunity to kick-start their careers. Our Internship Program is designed to offer a comprehensive and immersive learning experience for the interns. During your internship, you will have the opportunity to gain hands-on experience in your chosen field, and contribute to meaningful projects. Our goal is to provide you with a supportive environment where you can develop your skills, expand your knowledge, and build a foundation for your future career.

We encourage you to embrace this opportunity with an open mind and a willingness to learn. Be curious, ask questions, and don't hesitate to seek guidance from your mentors and colleagues. Your ideas and perspectives are valuable, and we look forward to seeing your unique contributions.

Your journey with us starts here, and we look forward to helping you grow, learn, and achieve your career goals. We believe in your potential and are excited to see all that you will achieve during your internship.

Internship Overview

Duration: Our Internship spans over 1 month (125 hours), providing candidates with a substantial period to gain meaningful insights and contribute to real projects.

Guidance and support: Experienced industrial mentors will guide and support them throughout their journey, offering valuable insights and feedback. There will be an intermediate reviewing session with the mentor on completion of two weeks of Internship.

Learning Opportunities: We provide the opportunity to learn recent trends in your technology domain and to implement it as part of your Internship project

Project Deliverables: We collect project deliverables at regular intervals of time in order to ensure proper tracking of the Internship project. It will be on a weekly basis. Candidates should submit their project deliverables in their Learner Management System without fail.

Evaluation Criteria

- The candidate should submit all weekly activity and final project deliverables as per your Internship Agenda. These will be evaluated. Only quality deliverables will be accepted by the evaluation team.
- The candidate needs to attend a proctored viva-voce at the end of the internship.

- Those candidates, whose project deliverables are accepted by the Industry mentor and who scores more than 50% in the viva-voce mark, will be eligible for the Certification on ICTAK Internship.

Criteria	Marks Awarded
Weekly Activity Submission (Week 1, week 2 and week 3)	40 marks each
Final Project Deliverables	100 marks
Viva voce	20 marks
New learning and implementation	30 marks
Grand Total	**270 marks**

☐ Note : The candidate needs to pay a penalty amount of Rs. 1800/- if he/she fails to complete the Internship with ICTAK within the timeline.

Internship on FSD(MERN)

Project 1 - Theatre Ticketing Application

Objective

The main aim of the Theatre Ticketing Application is to create a user friendly web application for booking tickets in a theatre. The application should have a customer access which allows them to book tickets and admin access to ensure smooth working of the entire application.

Context

In the Theatre ticket booking application, the learners are required to create an admin and customer access as per the requirements given:

- **Home Page/Main Page**
    - Navbar displaying Login, SignUp and Home tabs.
    - The Home Page should be designed or styled appropriately as per the candidate's creativity.
- **Customer Access**

    Customer Dashboard

    - After successful signup and login, the customer should be redirected to Customer Dashboard.
    - The customer Dashboard should display the following the list of movies in the following format:
        - Movie Name with image
        - Category(UA,A,PG)
        - Languages(Malayalam,Hindi,Tamil,Telugu,English)

○ If the customer clicks on the Movie, he/she must be redirected to the movie page where he must be able to view the following:

  ■ Movie Name

  ■ Poster

  ■ Description

  ■ Cast Details

  ■ Movie Reviews

  ■ Book Ticket Option

○ Book Ticket Page must display the ticket availability in 3 options (Available,Fast Filling,Housefull)

○ If seats are available he must be able to book a ticket and get email confirmation with the seat number.

○ Payment gateway integration is optional.

Other Options

○ Other than the customer Dashboard, the customer should have options to view the Booked tickets,to cancel the tickets and write reviews for the movies that he watched along with star rating.

○ Logout option must also be provided.

● **Admin Access**

Admin Dashboard

○ Admin can login with predefined credentials.

○ After successful login, the admin should be redirected to Admin Dashboard.

○ The Admin Dashboard should display the following the list of movies in the following format:

  ■ Movie Name with image

  ■ Category(UA,A,PG)

  ■ Languages(Malayalam,Hindi,Tamil,Telugu,English)

  ■ Average rating of audience

  ■ No: of tickets sold per day

○ Delete option must be given to admin for deleting movies.

○ Edit option must be given for updating the movie timing, ticket charges.

- ○ Add option must be given to a add movie with the following details.
  - ■ Movie Name
  - ■ Image
  - ■ Category
  - ■ Languages
  - ■ Cast
  - ■ Description
  - ■ Ticket rates
  - ■ No: of seats
- ○ Logout option must also be provided.

Required Authorisation and Authentication must be given for Admin and customer access.
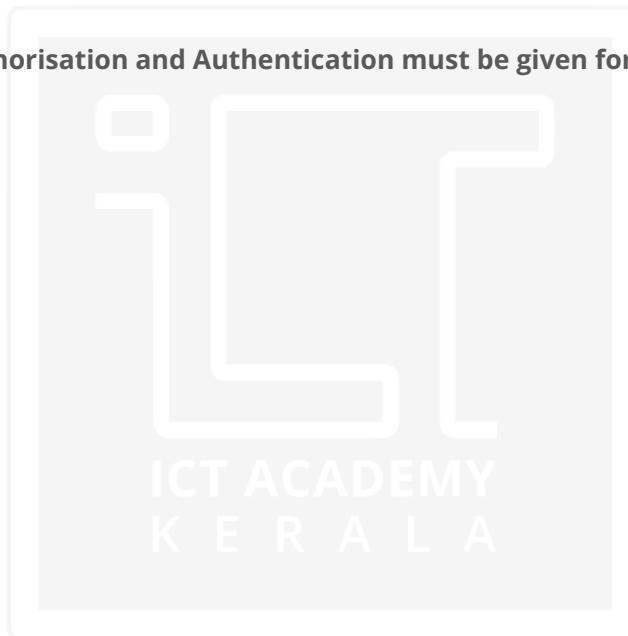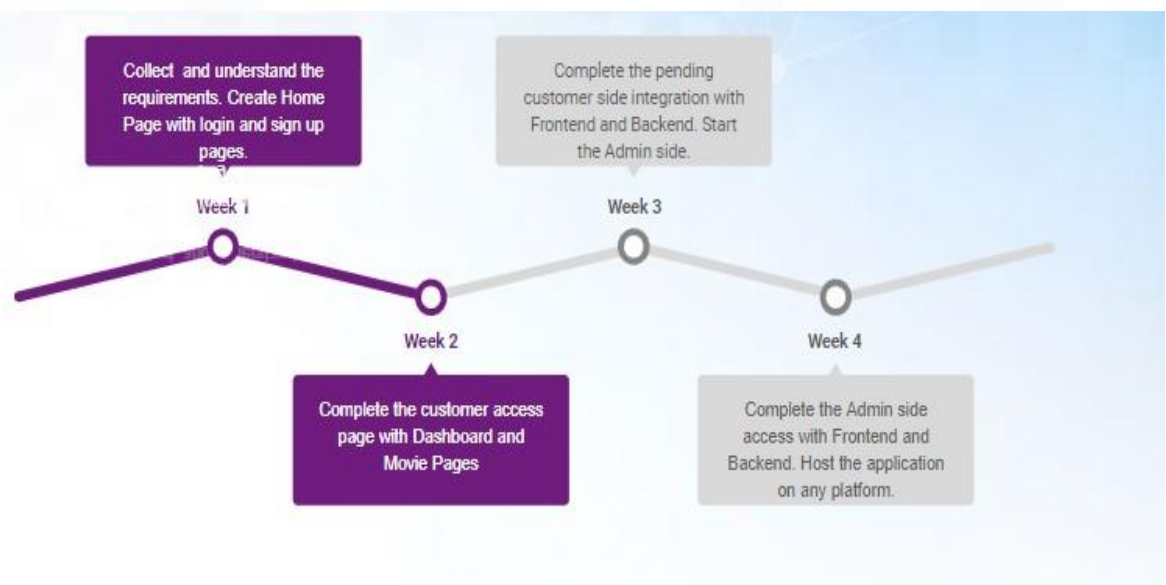
Submission—Weekly Basis

- Weekly report on the project progress as a Google Document.
- The weekly report should comprise the following:
  - Work Plan for the week
  - Work completed in the week
  - Challenges faced, if any
  - Video link(Google drive) for work completed
  - Github repo link

 Please restrict the report in 1 or 2 pages. Final report can be submitted at the end of 4th week(no other weekly report is required)

Final Submission and Output

- Project Report with detailed project synopsis.
- Video demonstration of the project.
- Github repo link
- Hosted link.

   Final submission is the Project Report with video demonstration link(Google drive link), Github repo link and the Hosted link.

HEAD QUARTERS

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