

GROUP - 08

SI Number of the  
Report

10

**COLLEGE OF ENGINEERING POONJAR, KOTTAYAM****DEPARTMENT OF COMPUTER SCIENCE****COVERING SHEET FOR THE WEEKLY PROGRESS REPORT OF ACADEMIC PROJECTS**

Weekly Report for the period of (enter starting & ending dates)	17-03-25	To	21-03-25
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Title of the Project	COLLEGE OUTPASS MANAGEMENT SYSTEM
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**Evaluation of the Project Guide\***

Roll No.	Name of the Student	Attendance 10	Technical Contribution 10	Viva 10	Average Grade 10	Comments
PJR21CS014	ARYA R					
PJR21CS019	DIYA SARA BINOY					
PJR22CS022	JIFFY JOHN					
PJR21CS037	SREYA P SIVAN					

*\*Kindly provide the evaluation on each student on a 10 point scale*

Comments on the progress of the work by the project guide						
Date of Submission		Name, Designation and Signature of the Guide	Mrs.Geethu A Assistant Professor			

**Weekly summary prepared by the project coordinator**

Attendance (10)	Technical Contribution (10)	Average Grade (10)	Comments

Name, Designation and Signature of the Project Coordinator	
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*Attach a detailed weekly report which indicates the progress of the work, circuit diagrams, programs and outputs and other relevant information, along with this covering page. The weekly reports may be kept in the sequential order in the project file duly signed by the guide and coordinator*

# OUTPASS MANAGEMENT SYSTEM WEEKLY REPORT – 10

## *Objective for the Week*

- *Finalizing and testing the user interface and completing system-wide integration.*

## *2. Activities Completed:*

TASK	STATUS
Designed and tested the complete user interface	Completed
Conducted full-system integration testing	Completed
Fixed bugs and improved overall system performance	Completed
Prepared project documentation and user manual	Completed

## *3. Challenges Encountered:*

Challenge	Description
Handling asynchronous database queries	Ensuring efficient execution of asynchronous queries
Resolving data consistency issues	Maintaining accuracy during complex transactions
Debugging and optimizing complex query methods	Identifying and improving slow or faulty queries

## *4. Solutions:*

- Implemented asynchronous handling using promises/async-await.
- Utilized database transactions to maintain data integrity.
- Optimized queries through indexing and query profiling.
- Preparing for the final project presentation and demonstration.
- Conducting user acceptance testing (UAT) with stakeholders.
- Finalizing and submitting the complete project report.