EE221 DLD: Fall 2024

Project Reservation Form

Project Title: Multifunction Alarm Clock

Project Members (Maximum number of students can be Two, but individual projects will be preferred).

1. Name: Muhammad Ahsan Shahzad Registration Number: 456261
2. Name: Muhammad Sannan Shahid Registration Number: 465066

Rules:

a) Project percentage will be 30% of practical weight age. Total marks will be 40, and scaled down to 7.5 and distributed as shown below.

b) Same project can’t be taken by multiple groups. Projects will be allocated on first come first serve basis. The list of projects uploaded is just a guideline. Students with new project ideas will be preferred.

c) In case of copying or cheating project, students will get **Zero** marks.

d) Failure to submit as per the deadlines mentioned below will result in -**5 marks** for each activity.

**For official Use only (Do not write anything below)**

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| S/No | Item | Description | Marks | Marks Obtained |
| 1 | Project Selection (18 Nov 2024) | Discussion with teacher and Project Reservation Form submission | 2 Marks |  |
| 2 | Project Abstract and time frame for various events.  Due Date (22 Nov 2024) | Novelty | 3 Marks |  |
| Clarity of Project and Block Diagram |
| Anticipated Applications |
| 3 | Project Report Submission through LMS (27 Dec 2024) | Format/Completeness | 5 Marks |  |
| Block Circuit Diagram |
| Detailed Circuit with Description |
| Applications and Future work |
| Results Summary |
| 4 | Final Demonstration  (30 Dec 2024 during respective lab hours) | |  | | --- | | Simulation | | Wiring Standards | | Design Functionality | | Complexity Level | | Modular Design | | Each Student work Contribution | | 15 Marks |  |
| 5 | Final Presentation  (30 Dec 2024 during respective lab hours) | Block and Detailed Circuit Diagrams | 10 Marks |  |
| Individual/Team Contribution Details |
| Design Procedures Followed |
| Presentation Skills/ Clarity of thoughts |
| Standards Achieved |
| 6 | Individual Viva (30 Dec 2024) | Project Specific Questions | 5 Marks |  |
|  |  | Grand Total | 40 Marks |  |