

Appendix 1

Batch members contribution

S.No	Register Number	Branch	Name	Description of the contribution	Status of completion
1	21113049	CSE	DHARSHAN.RE	<p>1. Oversaw hardware assembly, connecting the ESP32, ultrasonic sensor, and display module to provide optimal performance.</p> <p>2. contributed to the ESP32 integration , concentrating on the Wi-Fi networking and sensor data gathering.</p> <p>3. Conducted thorough research on existing solutions and technologies, informing decision-making processes and design choices.</p> <p>4 Contributed to creating an informative and visually appealing presentation (PPT) highlighting system architecture and features.</p> <p>5. Options for customizing PCB boards for prototyping were discussed.</p>	COMPLETED

2	21113004	CSE	N.DANI	<p>1. Integrated system with Thing Speak cloud platform, ensuring seamless data transmission.</p> <p>2. Designed OLED display interface for real-time feedback to users and integrated real-time clock (RTC) module for accurate timekeeping.</p> <p>3. Assisted in troubleshooting hardware and software issues, resolving technical challenges encountered during implementation.</p> <p>4. Took part in preparing the project report, documenting integration with cloud platforms and hardware components in detail.</p> <p>5. Integrated a machine learning algorithm to analyze sensor data and improve accuracy in distance and time measurements, enhancing the system's functionality</p>	COMPLETED
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