



# HMR Institute of Technology and Management

## Plot No. 326, Hamidpur, Delhi-110036

Department of Computer Science and Engineering

### Weekly Progress Report (WPR)

Faculty Guide's Name: \_\_\_\_\_ Ms Soumya Sharma

MAJOR PROJECT TITLE: - \_\_\_\_\_ Speech Emotion Recognition (SER) \_\_\_\_\_

S. No.	Roll No.	Name	Group No	Overall Marks (out of 15)
1	41013302717	Parth	8	
2	41113302717	Abhishek Sharma	8	
3	41713302717	Kanishk Gupta	8	

Summary					
Date	TARGETS SET FOR THE WEEK	ACHIEVEMENTS FOR THE WEEK	Marks	Signature of Students	Remark
25/03/2021	To decide the technologies required and select the dataset	Choose the project technologies and relevant datasets successfully.			
01/04/2021	To Study Audio Signal Processing, Arduino hardware and Prepare the project pipeline	Studied about Audio Signal Processing, Arduino hardware and prepared the project pipeline			
08/04/2021	To Select Arduino Model, Display unit for the	Selected the Arduino Model, LCD Display unit for the project, and purchased			

	project, purchase required hardware parts	required hardware parts successfully.			
15/04/2021	To Pre-process dataset, Learn Django Framework and create circuit diagram for Arduino	Pre-processed dataset, learned Django Framework, and made a circuit diagram for Arduino			
22/04/2021	To engineer features for the model, create the feature engineering pipeline, interfacing Arduino with LCD,interfacing LED'S and learn about the integration of Django with Front-End Frameworks and Data Science Pipeline.	Engineered features for the model, prepared the feature engineering pipeline, interface Arduino with LCD,interfacing LED'S and learned about the integration of Django with Front-end frameworks and Data Science Pipeline			
06/05/2021	To select the appropriate algorithms for modeling, program application for controlling LCD via Arduino controller,interfacing LED'S and develop frontend UI for deployment application.	Selected and analyzed the appropriate algorithms for modeling, programmed application for controlling LCD via Arduino controller,interfacing LED and developed frontend UI for the deployment of the application.			

16/05/2021	To prepare the Architecture of the model, train it, evaluate the model's performance and develop a python application for transmitting the data through the serial port.	Prepared the model architecture, trained the model according to it and performed the evaluation.  Python Application Creation failed for the Arduino serial port due to encoding error.			
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Guide signature:

Date: 20/5/2021