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:_____Mr. Anil Vats_____

MAJOR PROJECT TITLE: -___Speech Emotion Recognition_(SER)_____

S. No.	Roll No.	Name	Group No	Overall Marks (out of15)
1	41013302717	**Parth**	13	
2	41113302717	**Abhishek Sharma**	13	
3	41713302717	**Kanishk Gupta**	13	
4	-	-	-	

Summary					
Date	**TARGETS SET FOR THE WEEK**	**ACHIEVEMENTS FOR THE WEEK**	**Marks**	**Signature of Students**	**Remark**
10/9/2020	To decide the technologies required and select the dataset	Choose the project technologies and relevant datasets successfully.			
17/9/2020	To Study Audio Signal Processing, Arduino hardware and Prepare the project pipeline	Studied about Audio Signal Processing, Arduino hardware and prepared the project pipeline			
24/09/2020	To Select Arduino Model, Display unit for the	Selected the Arduino Model, LCD Display unit			

	project, purchase required hardware parts	for the project and purchased required hardware parts successfully.			
1/10/2020	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			
8/10/2020	To engineer features for the model, create the feature engineering pipeline, interfacing Arduino with LCD, 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, and learned about the integration of Django with Front-end frameworks and Data Science Pipeline			
15/10/20	To select the appropriate algorithms for modeling, program application for controlling LCD via Arduino controller, and develop frontend UI for deployment application.	Selected and analyzed the appropriate algorithms for modeling, programmed application for controlling LCD via Arduino controller , and developed frontend UI for deployment of application.			

22/10/20	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 evaluation. Python Application Creation failed for the Arduino serial port due to encoding error.			
29/10/20	To Develop Django backend APIs for deployment of entire pipeline model and render the result to the frontend application	Developed Django backend APIs for deployment of the entire pipeline and rendered the result to frontend application .			

Guide signature: Date: