Programme	Batch	2021 - 2025	Project:	Multimodal Al	Framework for Social N	Media Based Mental Disorder D	etection and Personalized Wellbeing In	sights				
B.Tech CSE	Group	29	Names:	Soumyadeep	Nandy, Prithwish Sarka	r, Sagnik Mukhopadhyay, Arkap	oratim Ghosh					
									Attendance (Insert below names)			
Date	Project discussions			Semester	Deliverable	Issues	Guide's remark	Soumyadeep Nandy	Prithwish Sarkar	Sagnik Mukhopadhya	Arkapratim Ghosh	
3-Jul-2024	Topic Discussion			7			Study relevant papers	Present	Present	Present	Present	
17-Jul-2024	Additions to Project Rough Diagram 1			7		Classifying whether text is positve or negative	Using CNN	Present	Present	Present	Present	
29-Jul-2024	Finalizing Project Rough Diagram 2			7		Data extraction from social media	Web Scraping and sample code	Present	Present	Present	Present	
24-Aug-2024	Synopsis Discussion			7			Make the required changes	Present	Present	Present	Present	
09-Sep-2024	Dataset and it's conten	t		7		Extensive Dataset Required (Reddit + Twitter)	Using Reddit API and Kaggle datasets	Present	Present	Present	Present	
28-Sep-2024	Mid-term Deliverables			7		What to include in the project report	Using Latex all sections should be filled and analysis results till date should be inserted	Present	Present	Present	Present	
25-Oct-2024	Project Presentation ar	nd Prototype		7		What changes need to be made in PPT and Final Deployment	Seperate data collection for each class, XGBoost, improve interface	Present	Present	Present	Present	
14-Nov-2024	Modified Prototype Presentation			7		Can audio mood be analyzed for videos with no speech or text	Define a set of parameters for mapping mental issue to mental wellbeing	Present	Present	Present	Present	
15-Dec-2024	Additions made to the existing project after previous meet			7			Provide a brief writeup of all the added features and what all can be added in the next semester	Present	Present	Present	Present	
13-Jan-2025	Review PRD		7		ML Model workflow diagram	Give diagrams for the workflow of the web application instead of code	Present	Present	Present	Present		
16-Jan-2025	Prototype demo and PRD review			7			Make the required changes	Present	Present	Present	Present	
29-Jan-2025	Next steps for the project			8			Add features and reduce PRD	Present	Present	Present	Present	
15-Mar-2025	Review of Mid Term Deliverables for Semester 8			8			ОК	Present	Present	Present	Present	
21-Mar-2025	Full demo of the system			8			ок	Present	Present	Present	Present	
Overall							100%	100%	100%	100%		
Guide's signature:												
(When maintained or												

Topic Discussion  What desirification model should be used for rest?  Tam  Closed  Plan to use entitlent, the Whyde Additions to Rough Diagram 1  What features should be used from the fidela?  Tam  Closed  Plan to use entitlent, the Whyde Additions to Rough Diagram 1  What tools will be used for web scraping?  Tam  Closed  Using Parameter Additions to Rough Diagram 1  What tools will be used for web scraping?  Tam  Closed  Using Parameter Additions to Rough Diagram 1  What tools will be used for web scraping?  Tam  Closed  Using Parameter Additions to Rough Diagram 1  How detailed should the report follow?  Tam  Closed  Using Rough and include a short Project Menter  Project Menter  What format should the report follow?  Tam  Closed  Using Rough Additional Adaptive A	Area	Question	Raised By	Status (Open / Closed)	Response	Response By
Additions to Rough Diagram 1 What floathers should we extract from text data? Talen Closed Plan To use settington, keywords, and emotions. TF-IFF will be flowed to the project synopsis be? Froget Mental Medical Plan Code of Synopsis should include a should be report follow? Synopsis Discussion How detailed should the project synopsis be? Isam Closed Synopsis should include a should be report follow? Isam Closed What charges need is be made in PPT? Isam Closed Use Informat efficient opin flyes, Project Mental and Analysis and restalls Analysis and restalls Analysis and restalls Vision Analysis Can sudd to be mode be amade in PPT? Isam Closed Use Informat efficient opin flyes, Project Mental Vision Analysis Vision Analysis Can sudd to mode be amade in PPT? Isam Closed Use Informat efficient opin flyes, Project Mental Vision Analysis Vision Analysis Analysis and restalls	Tonio Discussion	What electification model chould be used for toy?	Team	Closed	Using various algorithms	Project Mentor
Additions to Riough Diagram 1 What features should we extract from text data?  Fought Diagram 2 Finalization What tools will be used for web scraping?  From Closed Closed Closed Supposes should include a short Project Mental Whose clearing once What format should the report follow?  Fram Closed Closed Closed Closed Use La Tok and niclude a short Project Mental Project Mental Project Mental Project Mental Project Mental What close mode be analyzed if there is no specific or text in the Wood of Analysis  Are these specific parameters for mapping mental issue to Months withering Description  Are these specific parameters for mapping mental issue to Months withering Description Closed Are these specific parameters for mapping mental issue to Months withering Description Closed Are these specific parameters for mapping mental issue to Months withering Description Closed Are these specific parameters for mapping mental issue to Months withering Description Closed Are these specific parameters for mapping mental issue to Months withering Description Closed Are these specific parameters for mapping mental issue to Months withering Description Closed Are these specific parameters for mapping mental issue to Months withering Description Closed Are these specific parameters for mapping mental issue to Months withering Description Closed Are these specific parameters for mapping mental issue to Months withering Description Closed Are videous manufact considerated and introduced Them Model Retraining To Closed Are videous manufact considerated for mindre distance at throughout the application of the project Mental Video Posts  Are videous from mental mental mental introduced Them Model Retraining To Closed Are videous from mental intelligence in the mental introduced To Closed Are videous from mental intelligence in the mental intelligenc	Topic Discussion	What classification model should be used for text?	Icam	Closed	for a comparative study	1 Toject Mentor
Synopsis Discussion  How detailed should the project synopsis be?  Taim  Closed  Synopsis folded shott Project Mentor  Project Mentor  Mid-term Deliverables  What format should the report follow?  Term  Closed  Use LaTAX and include all Project Mentor  Project Mentor  Was charges need to be made in PP17  Term  Closed  Implement filter and results Implement filter types  Project Mentor  Was charges present to be made in PP17  Term  Closed  Using Francery Analysis  Are these specific parameters for the tim the value or mapping mental issue to Mental weelbeing?  Project Mentor  Mortial welfaceting  Mortial welfaceting  How to desert deal expressions?  Term  Closed  Charges the property follows  Term  Model Project Mentor  Indige Deservation  In ority a single obtained considered by an image to described?  Term  Model Project Mentor  Was considered by an image to described?  Term  Closed  Term  Closed  Using Termination  Termination  Model Project Mentor  In ority a single obtained considered the method disbest all throughout  the application?  Project Mentor  Was under the results of the project on singles and the expectation?  Termination  Termination  Model Usings  Termination  Describes and Scalability  Whet observations were made ingenting varing disbest size while model creation?  Project Mentor  Closed  Using Termination  Terminat	Additions to Rough Diagram 1	What features should we extract from text data?	Team	Closed	and emotions. TF-IDF will be	Project Mentor
Mild-term Deliverables  What format should the report follow?  Tam  Closed  Justia Tark Analysis and results  Project Mentor  Project Mentor  Visco Analysis  Are videous by a single dataset results  Project Mentor  Team  Closed  Justia Tark Analysis  Team  Closed  Justia Tark Analysis  Team  Closed  Justia Tark Analysis  Team  Project Mentor  Team  Closed  Justia Tark Analysis  Team  Closed  Justia Tark Analysis  Team  Closed  Classified Mentor  Justia Tark Analysis  Team  Meptin mental issue to  Mental well-being  Mental mental size to  Mental well-being  Team  Closed  Classified Mentor  Team  Model Retreating  Is only a single dataset consistency the model on endere dataset all throughout  The application of the size of the model of the models dataset all throughout  Team  Visco Posts  Are videous from social media posts used?  Project Mentor  Closed  Does a user get plain test result?  Project Mentor  Closed  Team  Model Usage  Does the webside implements angle or multiple model?  Project Mentor  Closed  Team  Model Usage  Does the webside implements angle or multiple model?  Project Mentor  Closed  Team  Model Usage  Does the webside implements angle or multiple model?  Project Mentor  Closed  Team  Model Usage  Team  Model Usage  Does the webside implements angle or multiple model?  Project Mentor  Closed  Team  Analyses byte of r handwritten port text  Project Mentor  Closed  Team  Analyses byte of r handwritten port text  Team  Project Mentor  Closed  Team  Analyses byte of r handwritten port text  Team  Team  Analyses  Analyses byte of r handwritten port text  Project Mentor  Closed  Team  Team	Rough Diagram 2 Finalization	What tools will be used for web scraping?	Team	Closed	Using Reddit API and sample Web scraping code	Project Mentor
Presentation and Prototype  What changes need to be made in PPIT?  Team Closed  Implement Need Prototype  What changes need to be made in PPIT?  Team Closed  Implement Need Prototype  What changes need to be made in PPIT?  Team Closed  Implement Need Prototype  What changes need to be made in PPIT?  Team Closed  Implement Need Prototype  Project Member Closed  Implement Need Prototype  Project Member Closed  Implement Need Prototype  Team Closed  Implement Need Project Need Prototype  Team Closed  Implement Need Treating Team  Team Need Prototype  Team Closed  Implement Need Treating Team  Team Need Prototype  Team Closed  Implement Need Treating Team  Team Need Team Closed  Implement Need Team Team Need Team Team  Team  Team Need Team Team  Team  Team  Team Need Team  Team Need Team  Team Need Team  Team  Team Need Team  Team Need Team  Team Need Team Team  Team Need Team Team  Team	Synopsis Discussion	How detailed should the project synopsis be?	Team	Closed	Synopsis should include a short Project overview	Project Mentor
Video Analysis  Can audio be mode be analyzed if these is no speech or text in the control of th	Mid-term Deliverables	What format should the report follow?	Team	Closed		Project Mentor
Mapping mental issues to Are there specific parameters for mapping mental issues to Mental wellbeing or mapping mental issues to Mental wellbeing? Project Mentor Cosed Scale of Psychological Waldeling  Detect facial emotions How to detect facial expressions? Taxim Closed Using Preparameter for Mental wellbeing or mapping mental issues to Mental wellbeing? Taxim Closed Using Preparameter for using Scale of Psychological Waldeling  Team Closed Using Preparameter for using Scale of Psychological Waldeling  Team Closed Using Preparameter for Using Cosed Using Preparameter for Using Transformers (Nggiz node) Team (Nggiz n	Presentation and Prototype	What changes need to be made in PPT?	Team	Closed	Implement different input types, Improve interface	Project Mentor
Merital welt-beng mapping mental issue to Mental well-being? Project Mentor Cosed Scale Psychological Weltbeing Psychological	Video Analysis	Can audio be mood be analyzed if there is no speech or text in the video ?	Project Mentor	Closed	preliminary classification.	Team
Image Description  Can situation depicted by an image be described?  Team  Closed  Ling Transformars (closed (closed condended by an image be described?  Team  Closed (closed condended by an image be described?  No, model retaining is allowed if the user selects the option to analyze and retain the application?  Video Posts  Are videos from social media posts used?  Project Mentor  Closed  Viewalization  Does a user get plain text result?  Project Mentor  Closed  Graphs for emotion analysis, individual posts, overall probables for each class after mental issue classification added after mental issue dissification added whether mental wellbeing parameters and the issue probabilities?  What observations were made regarding varying dataset size while model creation?  Project Mentor  Closed  Accuracy varies. To keep the accuracy within acceptable variations, explored sequential steps to show how byper distinction added resistence of the creation and the issue probabilities?  Parameterized Association  How to associate between the mental wellbeing parameters and the issue probabilities?  Project Mentor  Closed  Line Ryff Scale question set or any other parameters and the issue probabilities?  Team  Parameterized Association  How to associate between the mental wellbeing parameters and the issue probabilities?  Project Mentor  Closed  Line Ryff Scale question set or any other parameters to associate with the issue control to the control of the state of the control of the c	Mapping mental issue to Mental wellbeing		Project Mentor	Closed	Gemini API by adding Ryff's	Team
Model Retraining  Is only a single dataset comisidered the mother dataset all throughout the application?  Video Posts  Are videos from social media posts used?  Project Mentor  Closed  No. model retraining a larewed if the user selects the option to analyze and ream the model using the input threat the model using the input to an extracted and comished to display in the vertical threat controllations are extracted and comished to display in the vertical threat controllations are extracted and comished to display in the vertical threat controllations are extracted and comished to display in the vertical threat controllations are extracted and comished to display in the vertical team of the display in the vertical team of the vertical	Detect facial emotions	How to detect facial expressions ?	Team	Closed	Using Deepface module of Python	Team
Model Retraining	Image Description	Can situation depicted by an image be described ?	Team	Closed		Team
Video Posts  Are videos from social media posts used?  Project Mentor  Closed  Video and audiof from redshi posts are excalcated and combined to display in the website  Visualization  Does a user get plain text result?  Project Mentor  Closed  Closed  Carpats for remotion salelysis, individual posts, individual posts, individual posts, individual posts, individual posts, work and probabilities from closes after mental issue desafication added after mental issue desafication added after mental issue growth and acceptable variations, explored website.  Project Mentor  Closed  Accuracy varies. To keep the accuracy within acceptable variations, explored sequential steps to show how bigger datasets can be divided into subsets, create models for those subsets, create models for the subsets of the subsets of the subsets of the subsets of the formation of the su	Model Retraining	Is only a single dataset considered the mother dataset all throughout the application ?	Project Mentor	Closed	No, model retraining is allowed if the user selects the option to analyze and	Team
Node   Usage   Does a user get plain text result?   Project Mentor   Closed   Spots, overall probabilities for each class after mental issue classification added after mental issue classification added after mental listue classification added after mental listue classification added   Team	Video Posts	Are videos from social media posts used ?	Project Mentor	Closed	Video and audio from reddit posts are extracted and combined to display in the	Team
Does the website implements single or multiple model? Project Mentor Closed ensemble model and implemented in the website website website.  Accuracy varies. To keep the accuracy within acceptable variations, explored distributed architecture through access to the subsets, create models for those subsets, create models for the subsets, create models for the subsets, create models for those subsets, create models for the subsets, create models for those subsets, create models for the subsets, and access through distributed architecture through distributed architecture through access through distributed architecture through access through access through distributed architecture through access throug	Visualization	Does a user get plain text result ?	Project Mentor	Closed	posts, overall probablities for each class	Team
Dataset Size and Scalability  What observations were made regarding varying dataset size while model creation?  Project Mentor  Closed  What observations were made regarding varying dataset size while model creation?  Project Mentor  Closed  Use Ryff Scale question set or any other parameters on the issue probabilities?  Team  Team  Team  Project Mentor  Closed  Use Ryff Scale question set or any other parameters to associate with the issue parameters to associate with the issue parameters to associate with the sistence of the cell with the highest value. With respect to this row and column value for the selected cell improve the gemini prompt  PDF Analysis  Analyse typed or handwritten pdf text  Project Mentor  Closed  User uploads a typed or handwritten pdf text  User uploads a typed or handwritten pdf. Extract text from there and analyse it  Team  Dynamic Input  Describing a auto generated image  Project Mentor  Closed  Using Retrieval Augmented Generation  Team  Team  Lindete RID  Replacing codes with all in one /  Team  Tea	Model Usage	Does the website implements single or multiple model?	Project Mentor	Closed	ensemble model and implemented in the	Team
Parameterized Association How to associate between the mental wellbeing parameters and the issue probabilities?  Project Mentor  Closed  Closed  Closed  Closed  Closed  Disparameters to associate with the issue parameters and the cell with the highest value. With respect to the row and column value for the selected cell improve the gemini prompt  PDF Analysis  Analyse typed or handwritten pdf text  Project Mentor  Closed  User uploads a typed or handwritten pdf. Extract text from there and analyse it.  Team  Dynamic Input  Describing a auto generated image  Project Mentor  Closed  Arandom image is shown to the user, user describes it, the description is used for the mental issue prediction  Wellbeing Insights  More specific insights  Team  Closed  Using Retrieval Augmented Generation  Team  Lindete RID  Replacing codes with all in one /	Dataset Size and Scalability	What observations were made regarding varying dataset size while model creation ?	Project Mentor	Closed	within acceptable variations, explored distributed architecture through sequential steps to show how bigger datasets can be divided into subsets, create models for those subsets, create ensemble model for each subset and finally combine them to have one final	Team
Dynamic Input Describing a auto generated image Project Mentor Closed Extract text from there and analyse it  Dynamic Input Describing a auto generated image Project Mentor Closed Insurance Section 1 Team  Wellbeing Insights More specific insights Team Closed Using Retrieval Augmented Generation Team  Replacing codes with all in one / Team	Parameterized Association	How to associate between the mental wellbeing parameters and the issue probabilities ?	Project Mentor	Closed	parameters to associate with the issue parameters, create a heat map, get the cell with the highest value. With respect to the row and column value for the	Team
Dynamic Input Describing a auto generated image Project Mentor Closed user describes it, the description is used for the mental issue prediction  Wellbeing Insights More specific insights Team Closed Using Retrieval Augmented Generation Team  Replacing codes with all in one / Team	PDF Analysis	Analyse typed or handwritten pdf text	Project Mentor	Closed	User uploads a typed or handwritten pdf. Extract text from there and analyse it	Team
Indian DBD   Codes and final company furnish   Drained Manter   Closed   Replacing codes with all in one / Toom	Dynamic Input	Describing a auto generated image	Project Mentor	Closed	user describes it, the description is used	Team
	Wellbeing Insights	More specific insights	Team	Closed	Using Retrieval Augmented Generation	Team
	Update PRD	Codes and final semester format	Project Mentor	Closed		Team