Instructions For Completing This Document

0)	Please use latest circulated version for populating your data.
1)	Please do not merge cells. Each row represents a distinct requirement. No cell should be left as blank.
2)	For each requirement item under your project, complete the following:
	Rqmt ID: A unique ID number used to identify the specific requirement item. This should preferably contain the requirement area short code as the prefix.
	Requirement Item: This column should be populated with a description of the functional requirement. It can also state the non-functional requirements, e.g. performamnce, portability. Security etc.
	Requirement Status: This column should be populated with the current status of the functional requirement: **- Open (analysis not started),** **- In-progress (ongoing analysis),** **- Cancelled (cancelled after analysis and will not be required in design onwards phases),** **- Completed (analysis completed and selected for design onwards phases).** **For a header requirement item (e.g. Verify user credentials), status should be open if all underlying requirement items (e.g. Validate encrypted password) are in open status else in-progress. All all underlying items are completed / cancelled, then header requirement can be safely marked as completed.**
	Design Module: This column should be populated with the short code of design module.
	Design Reference: Use subsections, e.g. 5.3.1, 5.3.2 etc. as appropriate. Use comma separation in case of multiple design modules / section references for a single requirement item.
	Test Case Number: This column should be populated with the test case number linked to the functional requirement. Use comma separation in case of multiple test cases for a single requirement item.
	Technical Platform of Implementation: This column should be populated with the appropriate hardware / software platform, tools etc.
	Prototype Prepared?: This column should be populated with Yes / No value, and should be demonstrated if the response is Yes.
	Name of Program / Component: This column should be populated with the appropriate name of programme / components.
	Test Result Reference: This column should be populated with the name of the file with test results / output after tests followed from Test Plan.
	Additional Comments: This column should be populated with any additional comments (optional).
3)	Columns A-C should be filled before Internal Assessment (7th Semester Checkpoint Review) showing the completion of Analysis phase. All other columns should be emptied.
4)	Columns A-H should be completed before 7th Semester closure showing the completion of Design phase. All other columns should be emptied.
5)	Column I-K should be filled in 8th Semester showing the completion of Coding & Testing phases. All columns are now filled.

Rqmt ID	*Requirement Item*	*Requirement Analysis Status*	*Design Module (As per Prototype folder structure)*	*Design Reference (section# under project Report)*	Test Case Number (As per Prototype folder structure)	*Technical Platform of Implementation*	*Prototype prepared ?*	Name of Program / Component	Own code or Reusable component (with source reference)?	Test Results Reference	Additional Comments (if not included in previous columns)
FR-001	Collect social media data from Reddit.	Completed	D01	8.2.1	D04T04	PYTHON, COLAB	Yes	Data Collection.ipynb	Own code	Data Collection.ipynb	
FR-002	Implement data cleaning and preprocessing.	Completed	D02	8.2.2	D04T04	PYTHON, COLAB	Yes	Data Preprocessing.ipynb	Own code	Data Preprocessing.ipynb	
FR-003	Train machine learning and deep learning models.	Completed	D03	8.2.3 - 8.2.10	D05DP01	PYTHON, COLAB	Yes	D0301.ipynb to D0319. ipynb	Own code	D0301.ipynb to D0319. ipynb	
FR-004	Evaluate models using performance metrics (accuracy, recall, F1 Score, Support).	Completed	D03	9.2 - 9.9	D04T02, D04T03	PYTHON, COLAB	Yes	[Algorithm_name.ipynb]	Own code	[Algorithm_name].ipynb	
FR-005	Text Analysis	Completed	D04	APPENDIX A - PROTOTYPE	D04T01, D04T02, D04TO3	PYTHON, COLAB	Yes	Test01.ipynb, Test02. ipynb, Test03.ipynb	Own code	Test01.ipynb, Test02. ipynb, Test03.ipynb	
FR-006	Image Upload Analysis	Completed	D04	APPENDIX A - PROTOTYPE	D04T06, D04T12	PYTHON, COLAB	Yes	Test07.ipynb, Test09.ipynb	Own code	Test07.ipynb, Test09. ipynb	
FR-007	Video Upload Analysis	Completed	D04	APPENDIX A - PROTOTYPE	D04T10, D04T12	PYTHON, COLAB	Yes	Text-Image+ Audio-Video.ipynb	Own code	Text-Image+ Audio-Video.ipynb	
FR-008	PDF Upload Analysis	Completed	D04	APPENDIX A - PROTOTYPE	D04T13	PYTHON, COLAB	Yes	Text_from_PDF.ipynb	Own code	Text_from_PDF.ipynb	
FR-009	User response to image	Completed	D04	APPENDIX A - PROTOTYPE	D04T14	PYTHON, COLAB	Yes	User_responses.ipynb	Own code	User_responses.ipynb	
FR-010	Reddit and Twitter Username Analysis	Completed	D04	APPENDIX A - PROTOTYPE	D04T04, D04T11	PYTHON, COLAB	Yes	Test04.ipynb, Test05. ipynb, Tweet_with_videos. ipynb	Own code	Test04.ipynb, Test05. ipynb, Tweet_with_videos.ipynb	
FR-011	Wellbeing survey and mapping using association matrix	Completed	D04	APPENDIX A - PROTOTYPE	D04T15	PYTHON, COLAB	Yes	Create_Required_CSV_Fil es.ipynb, Getting_the_specific_wellb eing_params.ipynb	Own code	Create_Required_CSV_F iles.ipynb, Getting_the_specific_well being_params.ipynb	
FR-012	Application Deployment and Model Retraining	Completed	D05	APPENDIX A - PROTOTYPE	D05V13	PYTHON, STREAMLIT	Yes	WebAppV13.ipynb	Own code	WebAppV13.ipynb	
NFR-001	Scalability and Performance	Completed	D03	10 - 11	D0319	PYTHON, COLAB	Yes	D0319.ipynb	Own code	D0319.ipynb	

Read Only

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Program coverage	**13**
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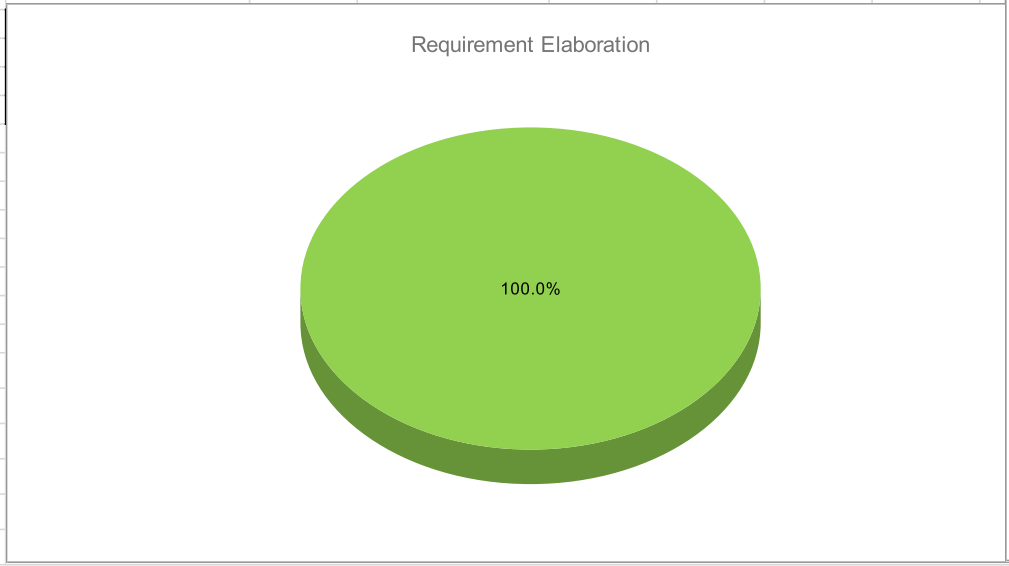

TIG/CSE/UD/RQMT_MATX_TEMPL v1.6