WBS Outline

Phase	Level	Cost Account	Work Package Number	Work Package Description	Estimated Duration Days	Dependencies	Start Date	Earliest Completion Date	Float
Define and Plan	1 - Project Management	1.1 - Project Management	1.1.1	Define Project Objectives and Scope	5	-	09/21/23	09/27/23	21
			1.1.2	Appoint Project Team and Key Stakeholders	2	1.1.1	09/28/23	09/29/23	21
			1.1.3	Obtain Initial Budget Approval	5	1.1.2	10/02/23	10/06/23	21
			1.1.4	Develop Project Charter	5	1.1.3	10/09/23	10/13/23	21
			1.1.5	Conduct Risk Assessment	3	1.1.4	10/16/23	10/18/23	21
Develop	2 - Web Development	2.1 - Front End Developers	2.1.1	Wireframe Design	15	1.1.5	10/19/23	11/08/23	21
			2.1.2	UI/ UX Design	30	2.1.1	11/09/23	12/20/23	21
		2.2 - Back End Developers	2.2.1	Develop User Authentication System	10	1.1.5	10/19/23	11/01/23	7
			2.2.2	Establish WhatsApp Integration Module	14	2.2.1	11/02/23	11/21/23	7
			2.2.3	Testing and Integration Verification	14	2.2.2	11/22/23	12/11/23	7
			2.2.4	Implement Export and Reporting Features	21	2.2.3	12/12/23	01/09/24	7
	3 - Data	3.1 - Data Engineering	3.1.1	Develop Data Collection Module	7	1.1.5	10/19/23	10/27/23	0
			3.1.2	Organize WhatsApp Chat Data	7	3.1.1	10/30/23	11/07/23	0
			3.1.3	Data Accuracy and Completeness Verification	7	3.1.2	11/08/23	11/16/23	0
			3.1.4	Verify Data Security and Privacy Compliance	7	3.1.3	11/17/23	11/27/23	0
		3.2 - Data Analytics	3.2.1	Create Data Visualization Dashboards	14	3.1.4	11/28/23	12/15/23	0
			3.2.2	Implement Initial Data Analysis Features	10	3.2.1	12/18/23	12/29/23	0
			3.2.3	Advanced Dashboard Customization Options	14	3.2.2	01/01/24	01/18/24	0
		3.3 - Data Science	3.3.1	Implement Sentiment Analysis Algorithms	14	3.1.4	11/28/23	12/15/23	0
			3.3.2	Enable Keyword and Topic Tracking	14	3.3.1	12/18/23	01/04/24	0
			3.3.3	Accuracy Testing and Refinement	10	3.3.2	01/05/24	01/18/24	0
Test	4 - Testing	4.1 - Testing	4.1.1	Conduct Performance Testing	66	1.1.5	10/19/23	01/18/24	0
			4.1.2	Quality Assurance Testing	66	1.1.5	10/19/23	01/18/24	0
			4.1.3	User Acceptance Testing	66	1.1.5	10/19/23	01/18/24	0
			4.1.4	Address Bugs and Usability Issues	66	1.1.5	10/19/23	01/18/24	0
Deploy	5 - Deployment	5.1 - Deployment	5.1.1	Prepare for Official Launch	4	4.1.4	01/19/24	01/24/24	0
			5.1.2	Create User Documentation and Guides	7	4.1.4	01/19/24	01/29/24	0
			5.1.3	Deploy the Tool to a Production Environment	3	5.1.1	01/25/24	01/29/24	0
Close	6 - Project Closure	6.1 - Project Closure	6.1.1	Project Review and Assessment	3	5.1.3	01/30/24	02/01/24	0
			6.1.2	Handover to Operational Teams	4	6.1.1	02/02/24	02/07/24	0
			6.1.3	Document Lessons Learned and Archive Project Documentation	4	6..1.1	02/02/24	02/07/24	0