

Project plan (Gantt chart)

PROJECT	Barberotheca
PROJECT MANAGER	Tommaso Barbato, Martina Uccheddu

WBS NUMBER	TASK TITLE	TASK OWNER	START DATE	DUE DATE	DURATION	ITERATION 1					ITERATION 2					ITERATION 3					ITERATION 4				
						WEEK 1					WEEK 2					WEEK 3					WEEK 4				
						M	T	W	R	F	M	T	W	R	F	M	T	W	R	F	M	T	W	R	F
1	Concept validation & basic MVP																								
1.1	Identify sources	Domain Expert	02/02/2026	03/02/2026	2																				
1.2	Define metadata needed structure	Data Steward	02/02/2026	03/02/2026	2																				
1.3	Compile initial raw dataset	Data Steward	04/02/2026	06/02/2026	3																				
1.4	Define desired types and formats	Solution Architect	02/02/2026	02/02/2026	1																				
1.5	Establish required tools	Solution Architect	03/02/2026	04/02/2026	2																				
1.6	Acquire audio files (I)	Solution Architect	05/02/2026	05/02/2026	1																				
1.7	UX design and layout definition (I)	UX/UI	02/02/2026	03/02/2026	2																				
1.8	Media rendering component (I)	Web Developer	02/02/2026	03/02/2026	2																				
2	Pipeline structuring & basic automation																								
2.1	Acquire audio files (II)	Solution Architect	09/02/2026	10/02/2026	2																				
2.2	Perform speech-to-text transcription (I)	Solution Architect	11/02/2026	13/02/2026	3																				
2.3	Harmonize semantic naming	Data Steward	10/02/2026	10/02/2026	1																				
2.4	Extract keyword and entities (I)	Solution Architect	16/02/2026	17/02/2026	2																				
2.5	UX design and layout definition (II)	UX/UI	09/02/2026	10/02/2026	2																				
2.6	Data integration and logic (I)	Web Developer	09/02/2026	10/02/2026	2																				
3	Semantic enrichment & application growth																								
3.1	Acquire audio files (III)	Solution Architect	11/02/2026	13/02/2026	3																				
3.2	Verify audio integrity	QA	13/02/2026	16/02/2026	2																				
3.3	Perform speech-to-text transcription (II)	Solution Architect	16/02/2026	18/02/2026	3																				
3.4	Review transcription quality	Domain Expert	11/02/2026	13/02/2026	3																				
3.5	Media rendering component (II)	Web Developer	11/02/2026	13/02/2026	3																				
3.6	Data integration and logic (II)	Web Developer	16/02/2026	18/02/2026	3																				
3.7	UX design and layout definition (III)	UX/UI	11/02/2026	12/02/2026	2																				
3.8	Extract keyword and entities (II)	Solution Architect	19/02/2026	23/02/2026	3																				
3.9	Reconcile authority controlled entities	Domain Expert	19/02/2026	23/02/2026	3																				
4	Finalization, documentation, validation																								
4.1	Review automated metadata extraction	QA	24/02/2026	25/02/2026	2																				
4.2	Optimize data for storage	Solution Architect	24/02/2026	25/02/2026	2																				
4.3	Research further concepts connections	Domain Expert	24/02/2026	25/02/2026	2																				
4.4	Review authority control connections	Domain Expert	26/02/2026	27/02/2026	2																				
4.5	Provide format convertibility	Solution Architect	26/02/2026	26/02/2026	1																				
4.6	Produce final data assets for publication	Solution Architect	27/02/2026	27/02/2026	1																				
4.7	User testing	UX/UI	24/02/2026	25/02/2026	2																				
4.8	Document audio ingestion steps	Data Steward	24/02/2026	24/02/2026	1																				
4.9	Document transcription workflow	Data Steward	25/02/2026	25/02/2026	1																				
4.10	Document metadata production	Data Steward	26/02/2026	26/02/2026	1																				
4.11	Test-drive the guide	QA	26/02/2026	26/02/2026	1																				
4.12	Select critical function/feature	Web Developer	24/02/2026	24/02/2026	1																				
4.13	Define document template	UX/UI	26/02/2026	26/02/2026	1																				
4.14	Draft instructions	UX/UI	27/02/2026	27/02/2026	1																				
4.15	Check accuracy	QA	27/02/2026	27/02/2026	1																				
4.17	Editorial review	QA	02/03/2026	03/03/2026	2																				

EST. TOTAL EFFORT = 27 days