SmartTrainer

WBS NUMBER	TASK TITLE	TASK OWNER	START DATE	DUE DATE	DURATION	% OF TASK COMPLETE
1	**Project Conception and Initiation**					
1.01	Project Charter		1/14/2025	1/17/2025	4	
1.02	Research		1/14/2025	1/17/2025	4	
1.03	Mission Statement		1/14/2025	1/17/2025	4	
1.04	Research		1/14/2025	1/17/2025	4	
1.05	Value Proposition		1/14/2025	1/17/2025	4	
1.06	Outline Core Features & Functionalities		1/14/2025	1/17/2025	4	
1.07	Budget		1/14/2025	1/17/2025	4	
1.08	Communication Plan		1/14/2025	1/17/2025	4	
1.9	Risk Management		1/14/2025	1/17/2025	4	
1.1	Business Model Canvas		1/14/2025	1/17/2025	4	
1.11	Project Initiation		1/18/2025	1/18/2025	1	
2	**Backend and Database Setup**					
2.01	Set up backend framework and database schemas		1/19/2025	1/26/2025	8 (2)	0%
2.02	Implement core APIs (User Management, Plan Retrieval)		1/27/2025	1/28/2025	2	0%
2.03	Deploy backend to AWS and perform		1/29/2025	2/1/2025	4	0%
3	**AI Prototyping and Development**					
3.1	Prototype AI components (diet and workout engines, optimizer)		2/2/2025	2/4/2025	3 (2)	0%
3.2	Refine AI models with external datasets		2/5/2025	2/9/2025	5 (3)	0%
3.3	Test AI outputs for accuracy and user satisfaction		2/10/2025	2/15/2025	6 (4)	0%
4	**Frontend Development**					
4.1	Develop responsive UI for major screens (React Native)		2/16/2025	2/17/2025	2	0%
4.2	Implement seamless navigation between screens		2/18/2025	2/20/2025	3	0%
4.3	Integrate backend APIs with frontend components		2/21/2025	2/24/2025	4	0%
4.4	Add real-time progress visualization tools		2/25/2025	3/1/2025	5	0%
5	**Integration and Testing**					
5.1	End-to-end integration of frontend, backend, and AI		3/2/2025	3/5/2025	4 (2)	0%
5.2	Perform functional, performance, and usability testing		3/6/2025	3/9/2025	4 (2)	0%
5.3	Fix bugs and optimize system performance		3/10/2025	3/15/2025	6 (4)	0%
6	**Launch Preperation**					
6.1	Conduct final testing an optimization		3/16/2025	3/17/2025	2	0%
6.2	Prepare the app for App Store and Google Play submissions		3/18/2025	3/19/2025	2	0%
6.3	Develop a marketing strategy and promotional		3/20/2025	3/22/2025	3	0%
6.4	Set up user support channels and post-launch monitoring tools		3/23/2025	3/29/2025	7	0%

PHASE ONE	PHASE TWO	PHASE THREE	PHASE FOUR	PHASE FIVE	PHASE SIX
WEEK 1	WEEK 2 / WEEK 3	WEEK 4 / WEEK 5	WEEK 6 / WEEK 7	WEEK 8 / WEEK 9	WEEK 10 / WEEK 11