

PROJECT TITLE	Project Language Learning Chatbot
PROJECT MANAGER	Project Manager
Start Date	05-Feb-24
End Date	12-Nov-24

WBS NUMBER	TASK TITLE	TASK OWNER	START DATE	DUE DATE	DURATION
0 Project Initiation and Feasibility Study					
0.1	Project Charter Development	Project Manager	2024-02-05	2024-02-07	3 days
0.2	Stakeholder Analysis	Project Manager	2024-02-08	2024-02-10	3 days
0.3	Initial Resource and Budget Estimate	Finance Manager	2024-02-11	2024-02-14	4 days
0.4	Project Team Assembly	Project Manager	2024-02-15	2024-02-19	5 days
0.5	Define Project Management Processes	Project Manager	2024-02-20	2024-02-22	3 days
0.6	Conduct Feasibility Study	Project Team	2024-02-23	2024-03-09	15 days
1 Market and Product Definition					
1.1	Conduct Competitor Analysis	Market Analyst	2024-03-10	2024-03-17	1 week
1.2	Identify Target Market Needs	Product Manager	2024-03-10	2024-03-17	1 week
1.3	Define Product Value Proposition	Marketing Team	2024-03-18	2024-03-24	1 week
1.4	Draft Initial Product Roadmap	Project Manager	2024-03-25	2024-03-31	1 week
2 Product Design and Development					
2.1	Design				
2.1.1	Design Wireframes and Prototypes	UX Designer	2024-04-01	2024-04-07	1 week
2.1.2	User Journey and Interaction Design	UX Designer	2024-04-08	2024-04-14	1 week
2.1.3	Finalize UI/UX Designs Based on Feedback	UX Designer	2024-04-15	2024-04-21	1 week
2.2 Development Setup and Core Development					
2.2.1	Set Up Development Environment and Tools	DevOps Engineer	2024-04-01	2024-04-04	4 days
2.2.2	Develop Conversational AI and NLP Capabilities	AI Engineer	2024-04-05	2024-05-16	6 weeks
2.2.3	Implement Voice Recognition/Synthesis Features	AI Engineer	2024-05-17	2024-06-07	3 weeks
2.2.4	Implement User Authentication and Security Measures	Security Engineer	2024-06-08	2024-06-14	1 week
2.2.5	Build User Interface and Connect with Backend	Frontend Developer	2024-06-15	2024-06-28	2 weeks
2.3 Advanced Development					
2.3.1	Develop Custom Scenario Creator	Development Team	2024-06-29	2024-07-13	2 weeks
2.3.2	Add Advanced NLP Features for Nuanced Conversations	AI Engineer	2024-07-14	2024-07-28	2 weeks
2.3.3	Implement Feedback and Reporting Mechanisms	Backend Developer	2024-07-29	2024-08-11	2 weeks
2.4 Testing and Refinement					
2.4.1	Perform Unit, Integration, and System Testing	QA Engineer	2024-08-12	2024-08-25	2 weeks
2.4.2	Conduct Usability Testing with Target Users	UX Researcher	2024-08-26	2024-09-08	2 weeks
2.4.3	Address Issues and Refine Based on Feedback	Development Team	2024-09-09	2024-09-22	2 weeks
3 Pre-Launch Marketing and Analytics Setup					

3.1	Develop Brand Identity and Marketing Materials	Marketing Team	2024-09-23	2024-10-06	2 weeks
3.2	Create Pre-Launch Buzz (Social Media, Forums)	Marketing Team	2024-10-07	2024-10-20	2 weeks
3.3	Set Up Analytics and KPIs for Launch Tracking	Data Analyst	2024-10-21	2024-10-27	1 week
4 Launch and Post-Launch Activities					
4.1	Official Product Launch	Marketing Team	2024-10-28	2024-10-28	1 day
4.2	Monitor System Performance and User Feedback	DevOps Team	2024-10-29	2024-11-11	2 weeks
4.3	Quick Response to Initial Feedback/Issues	Development Team	2024-10-29	2024-11-11	2 weeks
5 Project Closure					
5.1	Project Debrief	Project Manager	2024-11-12	2024-11-14	3 days
5.2	Final Documentation	Project Team	2024-11-15	2024-11-19	5 days
5.3	Release Project Resources	Project Manager	2024-11-20	2024-11-22	3 days
6 Ongoing Improvement and Market Expansion					
6.1	Collect and Analyze User Feedback for Improvements	UX Researcher	2024-11-12	Ongoing	Ongoing
6.2	Plan and Execute Ongoing Feature Updates and Optimizations	Project Manager	2024-11-12	Ongoing	Ongoing
6.3	Expand Market Reach Based on User Data and Trends	Marketing Team	2024-11-12	Ongoing	Ongoing