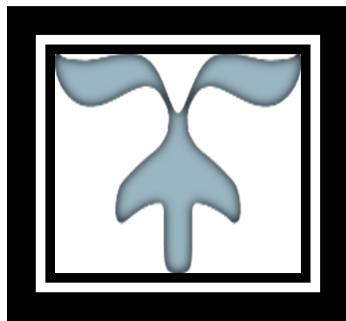


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## PROPOSED SOLUTION AND IMPLEMENTATION PORTFOLIO REPORT

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NOVEMBER 15, 2024  
COMPANY: ABC123 INC.

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## Introduction

This portfolio provides a thorough overview of our consulting engagement with ACME Company, centered on integrating AI into their sales training programs. It outlines our objectives, deliverables, and strategic solutions, while detailing the schedules, scopes, risks, budgets, and associated costs. As a comprehensive record, this portfolio demonstrates the approach taken to elevate ACME Company's sales training with AI, ensuring quality and authenticity.

## Project Background

ACME Corporation, a leading provider of sales skill development, plans to integrate AI into its training programs for over 3,000 students across five campuses. This initiative aims to enhance training effectiveness through personalized and adaptive learning. However, stakeholders are concerned about the potential impact on program integrity and the role of human instructors.

Investors worry that over-reliance on AI could compromise learning quality, while program experts fear AI might replace their roles, affecting content originality. To address these concerns, ACME's leadership, under CEO Fred Begena, is taking a strategic approach to ensure AI supports, rather than replaces, human expertise. This balance will help maintain the authenticity and quality ACME is known for.

The AI integration is scheduled for September 2026, designed to be scalable across all campuses. The project includes a clear scope, implementation schedule, risk analysis, and budget, emphasizing stakeholder engagement and transparent communication.

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## Capstone Consulting Engagement Schedule

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## Description

ABC123 Inc. used capstone consulting engagement schedule to keep the track of the consulting work with the ACME company, considering multiple deliverables.

## Objective

To keep track of the timeline and all the deliverables and sub-deliverables by complete planning, tracking and execution of the consulting deliverables for the ACME Company.

## Outcome

Outcome is well described and precise and efficient budget estimation, good use of time and great consulting engagement.

ID		Task Mode	WBS	Task Name	% Complete	Duration	Actual Start	Start	Actual Finish	Finish	Predecessors	Resource Names	Cost	Cost Variance	Work	Baseline Cost	
1			0	Capstone Consulting Engagement Schedule	99%	60 days	Wed 24-09-04	Wed 24-09-04	NA	Sun 24-11-24			\$2,622.00	\$382.00	52.44 hrs	\$2,240.00	
2			1	Phase 1: Capstone Consulting Engagement Schedule	100%	8 days	Wed 24-09-04	Wed 24-09-04	Fri 24-09-13	Fri 24-09-13			\$288.00	\$0.00	5.76 hrs	\$288.00	
3			1.1	Project Planning and Setup	100%	7 days	Thu 24-09-05	Thu 24-09-05	Fri 24-09-13	Fri 24-09-13			\$0.00	\$0.00	0 hrs	\$0.00	
4			1.1.1	Develop Work Breakdown Structure(WBS)	100%	3 days	Thu 24-09-05	Thu 24-09-05	Fri 24-09-13	Fri 24-09-13			\$0.00	\$0.00	0 hrs	\$0.00	
5			1.1.2	Define Project Schedule	100%	3 days	Thu 24-09-05	Thu 24-09-05	Fri 24-09-13	Fri 24-09-13			\$0.00	\$0.00	0 hrs	\$0.00	
6			1.1.3	Allocate Budget and Resources	100%	3 days	Thu 24-09-05	Thu 24-09-05	Fri 24-09-13	Fri 24-09-13			\$0.00	\$0.00	0 hrs	\$0.00	
7			1.2	Execution and Monitoring	100%	6 days	Wed 24-09-04	Wed 24-09-04	Wed 24-09-11	Wed 24-09-11			\$288.00	\$96.00	5.76 hrs	\$192.00	
8			1.2.1	Conduct Weekly Status Updates	100%	2 days	Wed 24-09-04	Wed 24-09-04	Thu 24-09-05	Thu 24-09-05		Shivank Giri[6%]	\$48.00	\$0.00	0.96 hrs	\$48.00	
9			1.2.2	Monitor Task Progress and Resource Usage	100%	4 days	Wed 24-09-04	Wed 24-09-04	Mon 24-09-09	Mon 24-09-09		Jasmeen Kaur[6%]	\$96.00	\$48.00	1.92 hrs	\$48.00	
10			1.2.3	Provide Weekly Reports	100%	6 days	Wed 24-09-04	Wed 24-09-04	Wed 24-09-11	Wed 24-09-11		Yanish Shahi[6%]	\$144.00	\$96.00	2.88 hrs	\$48.00	
11			1.3	Project Closure and Review	100%	7 days	Thu 24-09-05	Thu 24-09-05	Fri 24-09-13	Fri 24-09-13			\$0.00	\$0.00	0 hrs	\$0.00	
12			1.3.1	Final Deliverable Review	100%	2 days	Thu 24-09-05	Thu 24-09-05	Fri 24-09-13	Fri 24-09-13			\$0.00	\$0.00	0 hrs	\$0.00	
13			1.3.2	Obtain Formal Sign-Off	100%	2 days	Thu 24-09-05	Thu 24-09-05	Fri 24-09-13	Fri 24-09-13			\$0.00	\$0.00	0 hrs	\$0.00	
14			1.3.3	Post-Project Analysis and Documentation	100%	3 days	Thu 24-09-05	Thu 24-09-05	Fri 24-09-13	Fri 24-09-13			\$0.00	\$0.00	0 hrs	\$0.00	
15			2	Phase 2: Consulting Engagement Scope Statement	100%	18 days	Sat 24-09-14	Sat 24-09-14	Tue 24-10-08	Tue 24-10-08	2		\$556.00	\$16.00	11.12 hrs	\$540.00	
16			2.1	Define Project Objectives	100%	11 days	Sat 24-09-14	Sat 24-09-14	Sat 24-09-28	Sat 24-09-28			\$0.00	\$0.00	0 hrs	\$0.00	
17			2.1.1	Identify Business Goals	100%	5 days	Sat 24-09-14	Sat 24-09-14	Sat 24-09-28	Sat 24-09-28	14FS+1 day		\$0.00	\$0.00	0 hrs	\$0.00	
18			2.2.2	Define Success Criteria	100%	5 days	Sun 24-09-15	Sun 24-09-15	Sat 24-09-28	Sat 24-09-28			\$0.00	\$0.00	0 hrs	\$0.00	
19			2.2	Define Project Scope	100%	3 days	Sun 24-09-15	Sun 24-09-15	Wed 24-09-18	Wed 24-09-18			\$232.00	\$232.00	4.64 hrs	\$0.00	
20			2.2.1	Develop draft scope statement	100%	1 day	Sun 24-09-15	Sun 24-09-15	Mon 24-09-16	Mon 24-09-16		Yanish Shahi[4%]	\$16.00	\$0.00	0.32 hrs	\$16.00	
21			2.2.2	Review scope with key stakeholders	100%	1 day	Mon 24-09-16	Mon 24-09-16	Mon 24-09-16	Mon 24-09-16		Shivank Giri[6%]	\$24.00	\$0.00	0.48 hrs	\$24.00	
22			2.2.3	Revise scope based on feedback	100%	2 days	Tue 24-09-17	Tue 24-09-17	Wed 24-09-18	Wed 24-09-18		Jasmeen Kaur[24%]	\$192.00	\$168.00	3.84 hrs	\$24.00	
23			2.2.4	Obtain scope approval	100%	1 day	Wed 24-09-18	Wed 24-09-18	Wed 24-09-18	Wed 24-09-18			\$0.00	\$0.00	0 hrs	\$0.00	
24			2.3	Identify Project Constraints and Assumptions	100%	4 days	Fri 24-09-20	Fri 24-09-20	Wed 24-09-25	Wed 24-09-25			\$144.00	\$0.00	2.88 hrs	\$144.00	
25			2.3.1	List Project Constraints	100%	4 days	Fri 24-09-20	Fri 24-09-20	Wed 24-09-25	Wed 24-09-25		Shivank Giri[6%]	\$96.00	\$48.00	1.92 hrs	\$48.00	
26			2.2.2	Define Project Assumptions	100%	2 days	Mon 24-09-23	Mon 24-09-23	Tue 24-09-24	Tue 24-09-24		Yanish Shahi[6%]	\$48.00	\$0.00	0.96 hrs	\$48.00	
27			2.4	Conduct Stakeholder Analysis	100%	5 days	Tue 24-09-24	Tue 24-09-24	Sat 24-09-28	Sat 24-09-28			\$108.00	\$56.00	2.16 hrs	\$52.00	
28			2.4.1	Identify key stakeholders	100%	2 days	Tue 24-09-24	Tue 24-09-24	Wed 24-09-25	Wed 24-09-25		Jasmeen Kaur[2%]	\$16.00	\$8.00	0.32 hrs	\$8.00	
29			2.4.2	Conduct stakeholder interviews	100%	4 days	Wed 24-09-25	Wed 24-09-25	Sat 24-09-28	Sat 24-09-28	28	Jasmeen Kaur[2%]	\$32.00	\$24.00	0.64 hrs	\$8.00	
30			2.4.3	Document stakeholder expectations and concerns	100%	2 days	Thu 24-09-26	Thu 24-09-26	Fri 24-09-27	Fri 24-09-27	29	Jasmeen Kaur[3%]	\$24.00	\$12.00	0.48 hrs	\$12.00	
31			2.3.4	Review findings with project team	100%	3 days	Thu 24-09-26	Thu 24-09-26	Sat 24-09-28	Sat 24-09-28	30	Jasmeen Kaur[3%]	\$36.00	\$12.00	0.72 hrs	\$24.00	
32			2.5	Project Kickoff Preparation	100%	9 days	Fri 24-09-27	Fri 24-09-27	Tue 24-10-08	Tue 24-10-08			\$72.00	\$0.00	1.44 hrs	\$72.00	
33			2.5.1	Communicate Scope to the Team	100%	9 days	Fri 24-09-27	Fri 24-09-27	Tue 24-10-08	Tue 24-10-08		Yanish Shahi[2%]	\$72.00	\$56.00	1.44 hrs	\$16.00	
34			3	Phase3: Client Proposed Solution and Implementation Schedule Artifact	100%	10 days	Mon 24-09-30	Mon 24-09-30	Fri 24-10-11	Fri 24-10-11	15		\$672.00	\$16.00	13.44 hrs	\$656.00	
35			3.1	Define AI Integration Strategy	100%	10 days	Mon 24-09-30	Mon 24-09-30	Fri 24-10-11	Fri 24-10-11			\$192.00	\$144.00	3.84 hrs	\$48.00	
36			3.1.1	Solution Overview	100%	3 days	Mon 24-09-30	Mon 24-09-30	Fri 24-10-11	Fri 24-10-11		Jasmeen Kaur[6%]	\$72.00	\$48.00	1.44 hrs	\$24.00	
37			3.1.2	Solution Components	100%	5 days	Tue 24-10-01	Tue 24-10-01	Mon 24-10-07	Mon 24-10-07		Yanish Shahi[6%]	\$120.00	\$96.00	2.4 hrs	\$24.00	
38			3.1.3	Implementation Strategy	100%	3 days	Wed 24-10-02	Wed 24-10-02	Fri 24-10-11	Fri 24-10-11			\$0.00	\$0.00	0 hrs	\$0.00	
39			3.2	Develop AI-enhanced learning Modules	100%	5 days	Thu 24-10-03	Thu 24-10-03	Wed 24-10-09	Wed 24-10-09			\$160.00	\$80.00	3.2 hrs	\$80.00	
40			3.2.1	Develop Project Phases	100%	4 days	Thu 24-10-03	Thu 24-10-03	Tue 24-10-08	Tue 24-10-08		Jasmeen Kaur[6%]	\$96.00	\$48.00	1.92 hrs	\$48.00	

ID		Task Mode	WBS	Task Name	% Complete	Duration	Actual Start	Start	Actual Finish	Finish	Predecessors	Resource Names	Cost	Cost Variance	Work	Baseline Cost	
41			3.2.2	Detailed Task Scheduling	100%	4 days	Fri 24-10-04	Fri 24-10-04	Wed 24-10-...	Wed 24-10-09		Jasmeen Kaur[4%]	\$64.00	\$32.00	1.28 hrs	\$32.00	
42			1.3.2.	Resource Allocation	100%	1 day	Sat 24-10-05	Sat 24-10-05	Mon 24-10-...	Mon 24-10-07			\$0.00	\$0.00	0 hrs	\$0.00	
43			3.3	Risk Management and Contingency Planning	100%	3 days	Sun 24-10-06	Sun 24-10-06	Wed 24-10-09	Wed 24-10-09			\$96.00	\$16.00	1.92 hrs	\$80.00	
44			3.3.1	Risk Identification	100%	3 days	Sun 24-10-06	Sun 24-10-06	Wed 24-10-...	Wed 24-10-09		Yanish Shahi[4%]	\$48.00	\$16.00	0.96 hrs	\$32.00	
45			3.3.2	Develop Mitigation Strategies	100%	2 days	Mon 24-10-07	Mon 24-10-07	Tue 24-10-08	Tue 24-10-08		Yanish Shahi[6%]	\$48.00	\$0.00	0.96 hrs	\$48.00	
46			3.4	Prepare and Present the Artifact	100%	3 days	Tue 24-10-08	Tue 24-10-08	Thu 24-10-10	Thu 24-10-10			\$104.00	\$16.00	2.08 hrs	\$88.00	
47			3.4.1	Compile Solution and Schedule Deployment	100%	3 days	Tue 24-10-08	Tue 24-10-08	Thu 24-10-10	Thu 24-10-10		Shivank Giri[6%]	\$72.00	\$0.00	1.44 hrs	\$72.00	
48			3.4.2	Client Review and Feedback	100%	2 days	Wed 24-10-09	Wed 24-10-09	Thu 24-10-10	Thu 24-10-10	47	Shivank Giri[4%]	\$32.00	\$16.00	0.64 hrs	\$16.00	
49			3.5	Finalization and Approval	100%	3 days	Wed 24-10-09	Wed 24-10-09	Fri 24-10-11	Fri 24-10-11	43		\$120.00	\$16.00	2.4 hrs	\$104.00	
50			3.5.1	Obtain Client Approval	100%	3 days	Wed 24-10-09	Wed 24-10-09	Fri 24-10-11	Fri 24-10-11		Jasmeen Kaur[6%]	\$72.00	\$0.00	1.44 hrs	\$72.00	
51			3.5.2	Distribute Final Artifact	100%	3 days	Wed 24-10-09	Wed 24-10-09	Fri 24-10-11	Fri 24-10-11	50	Jasmeen Kaur[4%]	\$48.00	\$16.00	0.96 hrs	\$32.00	
52			4	Phase 4: Client Project Implementation Risk Analysis Artifact	100%	15 days	Mon 24-10-14	Mon 24-10-14	Fri 24-11-01	Fri 24-11-01	34		\$568.00	\$0.00	11.36 hrs	\$568.00	
53			4.1	Risk Identification	100%	3 days	Mon 24-10-14	Mon 24-10-14	Wed 24-10-...	Wed 24-10-16			\$104.00	\$0.00	2.08 hrs	\$104.00	
54			4.1.1	Conduct Risk Brainstorming	100%	3 days	Mon 24-10-14	Mon 24-10-14	Wed 24-10-...	Wed 24-10-16		Shivank Giri[6%]	\$72.00	\$0.00	1.44 hrs	\$72.00	
55			4.1.2	Review Historical Data	100%	2 days	Tue 24-10-15	Tue 24-10-15	Wed 24-10-...	Wed 24-10-16		Shivank Giri[4%]	\$32.00	\$0.00	0.64 hrs	\$32.00	
56			4.2	Risk Assessment	100%	4 days	Wed 24-10-16	Wed 24-10-16	Mon 24-10-...	Mon 24-10-21			\$104.00	\$0.00	2.08 hrs	\$104.00	
57			4.2.1	Evaluate Risk Impact and Probability	100%	2 days	Wed 24-10-16	Wed 24-10-16	Thu 24-10-17	Thu 24-10-17		Jasmeen Kaur[4%]	\$32.00	\$0.00	0.64 hrs	\$32.00	
58			4.2.2	Prioritize Risks	100%	3 days	Thu 24-10-17	Thu 24-10-17	Mon 24-10-...	Mon 24-10-21		Jasmeen Kaur[6%]	\$72.00	\$0.00	1.44 hrs	\$72.00	
59			4.3	Develop Risk Mitigation Strategies	100%	4 days	Fri 24-10-18	Fri 24-10-18	Wed 24-10-...	Wed 24-10-23	56		\$112.00	\$0.00	2.24 hrs	\$112.00	
60			4.3.1	Create Mitigation Plans for High-Priority Risks	100%	4 days	Fri 24-10-18	Fri 24-10-18	Wed 24-10-23	Wed 24-10-23		Yanish Shahi[6%]	\$96.00	\$0.00	1.92 hrs	\$96.00	
61			4.3.2	Develop Contingency Plans	100%	1 day	Mon 24-10-21	Mon 24-10-21	Mon 24-10-...	Mon 24-10-21	60	Yanish Shahi[4%]	\$16.00	\$0.00	0.32 hrs	\$16.00	
62			4.4	Risk Monitoring and Control	100%	4 days	Tue 24-10-22	Tue 24-10-22	Fri 24-10-25	Fri 24-10-25	59		\$128.00	\$0.00	2.56 hrs	\$128.00	
63			4.4.1	Establish Risk Monitoring Procedures	100%	4 days	Tue 24-10-22	Tue 24-10-22	Fri 24-10-25	Fri 24-10-25		Jasmeen Kaur[6%]	\$96.00	\$0.00	1.92 hrs	\$96.00	
64			4.4.2	Implement Risk Response Actions	100%	2 days	Wed 24-10-23	Wed 24-10-23	Thu 24-10-24	Thu 24-10-24	63	Jasmeen Kaur[4%]	\$32.00	\$0.00	0.64 hrs	\$32.00	
65			4.5	Documentation and Reporting	100%	5 days	Thu 24-10-24	Thu 24-10-24	Wed 24-10-...	Wed 24-10-30	62		\$72.00	\$0.00	1.44 hrs	\$72.00	
66			4.5.1	Prepare Risk Analysis Report	100%	3 days	Thu 24-10-24	Thu 24-10-24	Mon 24-10-...	Mon 24-10-28		Shivank Giri[2%]	\$24.00	\$8.00	0.48 hrs	\$16.00	
67			4.5.2	Update Risk Register	100%	2 days	Tue 24-10-29	Tue 24-10-29	Wed 24-10-...	Wed 24-10-30		Shivank Giri[6%]	\$48.00	\$0.00	0.96 hrs	\$48.00	
68			4.6	Review and Approval	100%	4 days	Tue 24-10-29	Tue 24-10-29	Fri 24-11-01	Fri 24-11-01			\$48.00	\$0.00	0.96 hrs	\$48.00	
69			4.6.1	Review Risk Analysis with Client	100%	4 days	Tue 24-10-29	Tue 24-10-29	Fri 24-11-01	Fri 24-11-01	62	Yanish Shahi[2%]	\$32.00	\$16.00	0.64 hrs	\$16.00	
70			4.6.2	Implement Approved Plans	100%	2 days	Thu 24-10-31	Thu 24-10-31	Fri 24-11-01	Fri 24-11-01		Yanish Shahi[2%]	\$16.00	\$8.00	0.32 hrs	\$8.00	
71			5	Phase 5: Proposed Solution Budget and Consulting Engagement Cost to Date Artifact	100%	5 days	Sat 24-11-02	Sat 24-11-02	Fri 24-11-08	Fri 24-11-08	52		\$0.00	\$0.00	0 hrs	\$0.00	
72			5.1	Roll Out AI-Enhanced learning modules	100%	1 day	Sat 24-11-02	Sat 24-11-02	Mon 24-11-...	Mon 24-11-04			\$0.00	\$0.00	0 hrs	\$0.00	
73			5.1.1	Deploy AI-enhanced modules across all programs	100%	1 day	Sat 24-11-02	Sat 24-11-02	Mon 24-11-04	Mon 24-11-04			\$0.00	\$0.00	0 hrs	\$0.00	
74			5.1.2	Ensure all stakeholders are informed and trained	100%	1 day	Mon 24-11-04	Mon 24-11-04	Mon 24-11-04	Mon 24-11-04			\$0.00	\$0.00	0 hrs	\$0.00	
75			5.2	Monitor and Evaluate Integration	100%	4 days	Tue 24-11-05	Tue 24-11-05	Fri 24-11-08	Fri 24-11-08			\$0.00	\$0.00	0 hrs	\$0.00	
76			5.2.1	Track the performance of AI-enhanced learning modules	100%	1 day	Tue 24-11-05	Tue 24-11-05	Tue 24-11-05	Tue 24-11-05			\$0.00	\$0.00	0 hrs	\$0.00	
77			5.2.2	Evaluate the impact on learning quality and student performance	100%	1 day	Wed 24-11-06	Wed 24-11-06	Wed 24-11-06	Wed 24-11-06			\$0.00	\$0.00	0 hrs	\$0.00	
78			5.2.3	Report findings to stakeholders and adjust as needed	100%	2 days	Thu 24-11-07	Thu 24-11-07	Fri 24-11-08	Fri 24-11-08			\$0.00	\$0.00	0 hrs	\$0.00	

ID		Task Mode	WBS	Task Name	% Complete	Duration	Actual Start	Start	Actual Finish	Finish	Predecessors	Resource Names	Cost	Cost Variance	Work	Baseline Cost		
79			6	<b>Phase 6: Proposed Solution and Implementation Portfolio Report</b>	100%	5 days	Sat 24-11-09	Sat 24-11-09	Fri 24-11-15	Fri 24-11-15	71		\$188.00	\$0.00	3.76 hrs	\$188.00		
80			6.1	<b>Finalize Project deliverables</b>	100%	0.5 days	Sat 24-11-09	Sat 24-11-09	Mon 24-11-...	Mon 24-11-11			\$20.00	\$0.00	0.4 hrs	\$20.00		
81			6.1.1	Make sure all project deliverables are completed	100%	0.5 days	Sat 24-11-09	Sat 24-11-09	Mon 24-11-11	Mon 24-11-11		Yanish Shahi[6%]	\$12.00	\$0.00	0.24 hrs	\$12.00		
82			6.1.2	Examine deliverables in context with project goals	100%	0.5 days	Sun 24-11-10	Sun 24-11-10	Mon 24-11-11	Mon 24-11-11		Yanish Shahi[4%]	\$8.00	\$0.00	0.16 hrs	\$8.00		
83			6.2	<b>Perform the project's final review with stakeholders</b>	100%	1 day	Mon 24-11-11	Mon 24-11-11	Mon 24-11-11	Mon 24-11-11			\$40.00	\$0.00	0.8 hrs	\$40.00		
84			6.2.1	Explain the results and achievements of the project	100%	1 day	Mon 24-11-11	Mon 24-11-11	Mon 24-11-11	Mon 24-11-11		Jasmeen Kaur[6%]	\$24.00	\$0.00	0.48 hrs	\$24.00		
85			6.2.2	Obtain feedback and agreement from relevant parties	100%	1 day	Mon 24-11-11	Mon 24-11-11	Mon 24-11-11	Mon 24-11-11		Jasmeen Kaur[4%]	\$16.00	\$0.00	0.32 hrs	\$16.00		
86			6.3	<b>Documentation of project</b>	100%	1 day	Tue 24-11-12	Tue 24-11-12	Tue 24-11-12	Tue 24-11-12	83		\$40.00	\$0.00	0.8 hrs	\$40.00		
87			6.3.1	Gather information for the project, such as reports and	100%	1 day	Tue 24-11-12	Tue 24-11-12	Tue 24-11-12	Tue 24-11-12		Shivank Giri[6%]	\$24.00	\$0.00	0.48 hrs	\$24.00		
88			6.3.2	Make sure that every project document is arranged and easily	100%	1 day	Tue 24-11-12	Tue 24-11-12	Tue 24-11-12	Tue 24-11-12		Shivank Giri[4%]	\$16.00	\$0.00	0.32 hrs	\$16.00		
89			6.4	<b>Handover of project</b>	100%	1 day	Wed 24-11-13	Wed 24-11-13	Wed 24-11-13	Wed 24-11-13	86		\$40.00	\$0.00	0.8 hrs	\$40.00		
90			6.4.1	Transfer project assets and documentation to relevant parties	100%	1 day	Wed 24-11-13	Wed 24-11-13	Wed 24-11-13	Wed 24-11-13		Yanish Shahi[6%]	\$24.00	\$0.00	0.48 hrs	\$24.00		
91			6.4.2	Make sure the project duties are transferred smoothly	100%	1 day	Wed 24-11-13	Wed 24-11-13	Wed 24-11-13	Wed 24-11-13		Yanish Shahi[4%]	\$16.00	\$0.00	0.32 hrs	\$16.00		
92			6.5	<b>Launching the project</b>	100%	2 days	Thu 24-11-14	Thu 24-11-14	Fri 24-11-15	Fri 24-11-15	89		\$48.00	\$0.00	0.96 hrs	\$48.00		
93			6.5.1	Officially launch the completed project	100%	1 day	Thu 24-11-14	Thu 24-11-14	Thu 24-11-14	Thu 24-11-14		Jasmeen Kaur[2%],Yanish Shahi[2%],Shivank Giri[2%]	\$24.00	\$0.00	0.48 hrs	\$24.00		
94			6.5	Communicate project success to stakeholders	100%	1 day	Fri 24-11-15	Fri 24-11-15	Fri 24-11-15	Fri 24-11-15		Jasmeen Kaur[2%],Yanish Shahi[2%],Shivank Giri[2%]	\$24.00	\$0.00	0.48 hrs	\$24.00		
95			7	<b>Phase7: Buy-in Proposed Solution Plan</b>	0%	5.13 days	NA		Mon 24-11-18	NA	Sun 24-11-24	79			\$300.00	\$300.00	6 hrs	\$0.00
96			7.1	<b>Complete all the Material for Presentation</b>	0%	0.25 days	NA		Mon 24-11-18	NA	Mon 24-11-18				\$150.00	\$150.00	3 hrs	\$0.00
97			7.1.1	Review all Documents	0%	1 hr	NA		Mon 24-11-18	NA	Mon 24-11-18		Jasmeen Kaur	\$50.00	\$50.00	1 hr	\$0.00	
98			7.1.2	Create final presentation	0%	2 hrs	NA		Mon 24-11-18	NA	Mon 24-11-18		Shivank Giri	\$100.00	\$100.00	2 hrs	\$0.00	
99			7.2	<b>Final outlook for presentation</b>	0%	0.13 days	NA		Sun 24-11-24	NA	Sun 24-11-24				\$150.00	\$150.00	3 hrs	\$0.00
100			7.2.2	Present final plan	0%	1 hr	NA		Sun 24-11-24	NA	Sun 24-11-24		Jasmeen Kaur,Shivank Giri,Yanish Shahi	\$150.00	\$150.00	3 hrs	\$0.00	
101			7.3.1	Collection of all the feedback	0%	1 hr	NA		Sun 24-11-24	NA	Sun 24-11-24		Yanish Shahi	\$50.00	\$50.00	1 hr	\$0.00	

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## Consulting Engagement Scope Statement

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# Consulting Engagement Scope Statement

Group 26

[Link](#)

[Group 26 Scope Statement.docx](#)

**Team Members:**

Jasmeen Kaur

Shivank Giri

Yanish Shahi

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## **ACME AI Integration Project Scope Statement**

### **1. Project Background:**

ACME Corporation, one of the world's leading suppliers of sales skill development, intends to include AI into its 3,000 student programs offered across five campuses. This improves the effectiveness of sales method training. Investors are concerned about how much AI can do without jeopardizing the programs' integrity and authenticity. Program experts also fear that AI will replace them and take away the originality from the content. Under the guidance of the CEO, Fred Begena, the project chooses AI solutions with great care to enhance learning while preserving the integrity of ACME's training. The implementation is scheduled for September 2026, with a focus on creating a scalable solution to meet educational and business goals.

### **2. Scope of the Project:**

The scope of this project is to integrate AI technologies into ACME Corporation's sales training programs to enhance learning experience and improve customer service for 3,000 students across five campuses and 50 programs. The project will focus on:

#### **In Scope:**

- Examine current training programs to find areas where AI might be improved.
- Decide which AI technologies best meet the training goals of ACME Corporation.
- Analyze expenditures and keep spending inside budgetary constraints.

#### **Out of Scope:**

- Deployment of AI technologies into training programs.
- Development of custom AI tools or software solutions.
- Post-implementation maintenance and support for AI systems.

### **3. Project Objectives**

This project aims at enhancing learning and customer service by embedding AI technologies into the ongoing training programs of the ACME Corporation, reaching out to five campus locations with 3,000 students in 50 programs. It will be an effort aimed at identifying and implementing the most suitable AI technologies that have the potential to bring tremendous enhancement in sales effectiveness within training, greatly minimizing learner challenges on tests and exams, while managing well within available budgets, meanwhile reassuring the investor regarding the impact of AI on course quality and authenticity.

Identify and implement those AI technologies that best fit the objectives of ACME's training while developing a more effective and accessible method of learning sales tactics.

Select appropriate AI solutions with careful consideration to avoid investor concerns about course quality, authenticity, and originality.

Conduct an effective cost analysis and keep the project within budget by tracking all expenses.

#### 4. Project Deliverables

To ensure comprehensive planning, execution, and reporting, the ACME AI Integration Project will be carried out in phases, each with unique deliverables. The following are the project's main deliverables:

- **Phase 1:** Capstone Consulting Engagement Schedule

A thorough project plan that describes the timetable, important dates, dependencies between tasks, and distribution of resources throughout the duration of the consulting engagement. To track the project and reporting progress, this timeline will act as the standard.

- **Phase 2:** Consulting Engagement Scope Statement

A thorough document that describes the project's objectives, deliverables, inclusions, exclusions, and general methodology. This declaration will make the project's parameters and goals clearer.

- **Phase 3:** Client Proposed Solution and Implementation Schedule Artifact

A suggested AI integration solution that is customized to ACME's operational requirements and includes an implementation timeline that details the delivery of each solution component at each time. This document guarantees that the project's execution plan and the client's expectations are in line.

- **Phase 4:** Client Project Implementation Risk Analysis Artifact

A comprehensive risk analysis document that identifies hazards, including resource-related, operational, and technological risks, during project implementation. Additionally, the paper will suggest ways to lessen the possibility that these risks will have an influence on the project's success.

- **Phase 5:** Proposed Solution Budget and Consulting Engagement Cost to Date Artifact

A budget for the AI integration solution that includes estimated expenses for every stage of the project's development. To provide fiscal management transparency, this artifact will also include a summary of the consulting engagement expenditures incurred thus far.

- **Phase 6:** Proposed Solution and Implementation Portfolio Report

A thorough report that compiles the system architecture, workflows, schedules, and testing procedures for the suggested AI solution and its execution. The documentation required for the solution's successful deployment will be included in this portfolio, which the customer can use as a guide.

- **Phase 7:** Final Buy-In Proposed Solution Plan

A comprehensive project summary that includes the budget, risk analysis, implementation schedule, and AI solution. Prior to final implementation, this delivery will be shown to ACME stakeholders to gain their support and agreement on the suggested solution.

## 5. RACI Chart

By ensuring that everyone on the team is aware of their responsibilities within the project, the RACI chart facilitates effective task management and execution. This division guarantees that every task is finished within the specified responsibilities and responsibility structure and facilitates communication.

Task	Responsible (R)	Accountable (A)	Consulted (C)	Informed (I)
Develop Work Breakdown Structure (WBS)	Jasmeen	Project Manager	Shivank	ACME Team
Define Project Schedule	Yanish	Project Manager	Jasmeen	ACME Team
Allocate Budget and Resources	Shivank	Project Manager	Jasmeen	ACME Team
Perform Testing & QA	Yanish	Project Manager	Jasmeen	ACME Team
Risk Assessment	Shivank	Project Manager	Yanish	ACME Team

## Team Time Commitment:

- Jasmeen Kaur: 2 hours/week at \$50/hour.
- Yanish Shahi: 2 hours/week at \$50/hour.
- Shivank Giri: 2 hours/week at \$50/hour.

## 6. Reference

- Lauren Good (2024, April 19). What is RACI Matrix?. <https://project-management.com/understanding-responsibility-assignment-matrix-raci-matrix/>

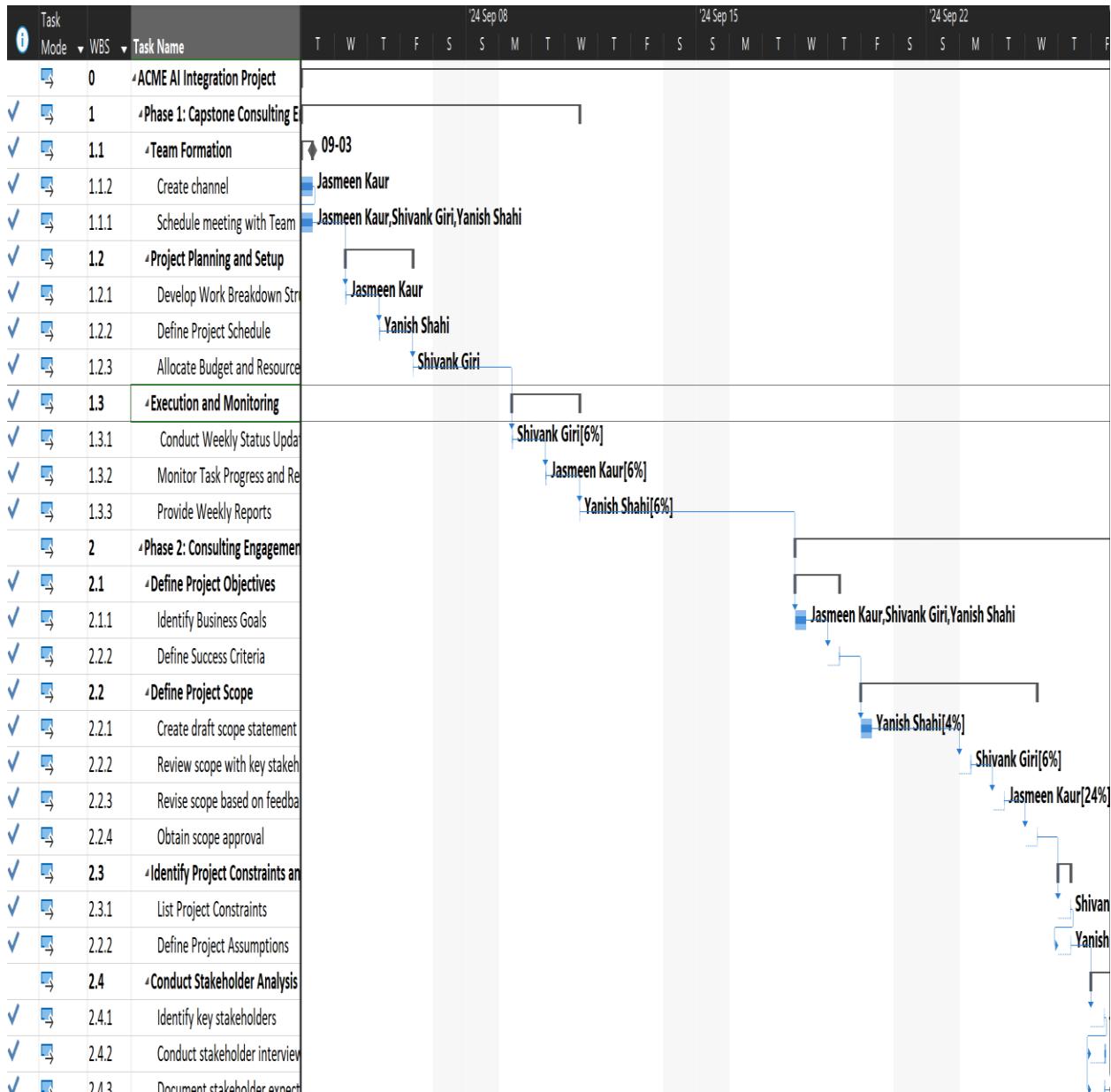
## 7. Meeting Cadence

Weekly team meetings will be held every week via the MS Project Team Channel. Jasmeen Kaur will be responsible for scheduling and managing the meetings. The meetings will be conducted using the Microsoft Teams platform, and meeting minutes will be recorded and shared via the channel.

The MS Project Team Channel will serve as the central hub for:

- File sharing.
- Task updates.
- Video conferencing.

## 8. Gantt Chart



## 9. Reports:

## Dashboard Reports

- Cost Overview Report

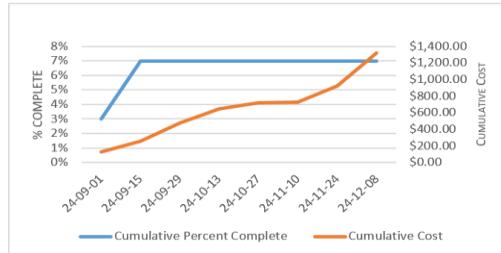
## COST OVERVIEW

TUE 24-09-03 - WED 24-12-18



### PROGRESS VERSUS COST

Progress made versus the cost spent over time. If % Complete line below the cumulative cost line, your project may be over budget.



### COST STATUS

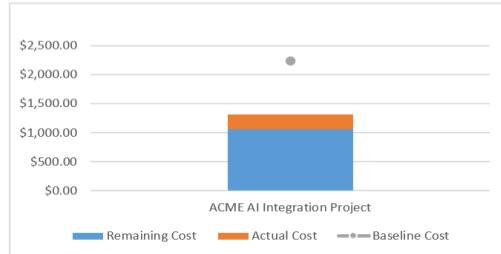
Cost status for top level tasks.

Name	Actual Cost	Remaining Cost	Baseline Cost	Cost	Cost Variance
ACME AI Integration Project	\$256.50	\$1,062.17	\$2,240.00	\$1,318.67	-\$921.33

### COST STATUS

Cost status for all top-level tasks. Is your baseline zero?

[Try setting as baseline](#)



- Upcoming Tasks Report

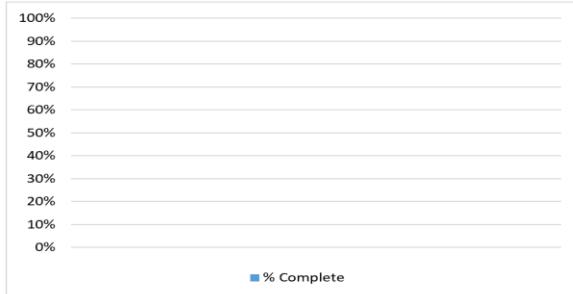


Tue 24-09-03 - Wed 24-12-18

## UPCOMING TASKS

### REMAINING TASKS

Status of remaining tasks that are due this week



### TASKS STARTING SOON

Status of tasks starting in the next week

Name	Resource Names	Start	Finish	Work
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## Resources Report

- Overallocated Resources Report

# OVERALLOCATED RESOURCES

## WORK STATUS

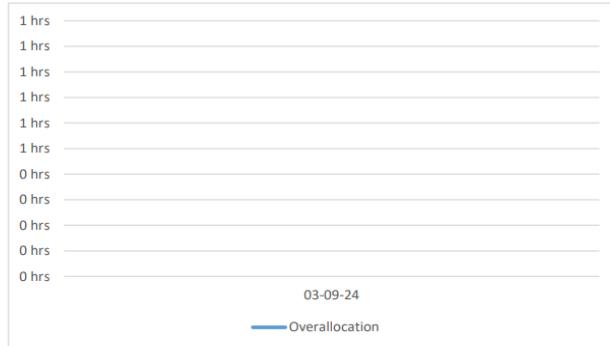
Work status for overallocated resources.



## OVERALLOCATION

Surplus work assigned to overallocated resources. To resolve overallocations use

[Team Planner View](#)

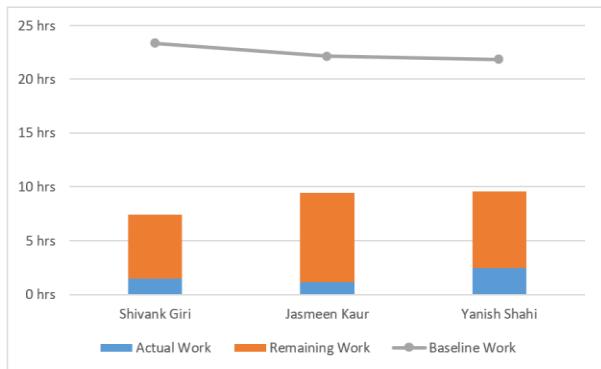


- Resource Overview Report

# RESOURCE OVERVIEW

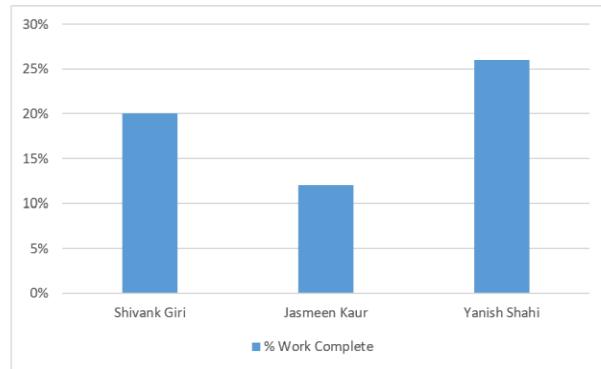
## RESOURCE STATS

Work status for all work resources.



## WORK STATUS

% work done by all the work resources.



## RESOURCE STATUS

Remaining work for all work resources.

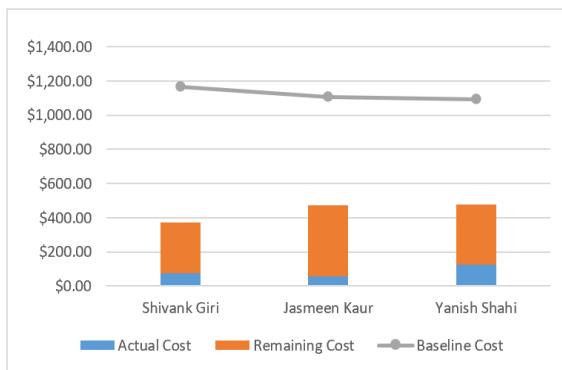
Name	Start	Finish	Remaining Work
Shivank Giri	Tue 24-09-03	Wed 24-12-18	5.94 hrs
Jasmeen Kaur	Tue 24-09-03	Wed 24-12-18	8.28 hrs
Yanish Shahi	Tue 24-09-03	Wed 24-12-18	7.03 hrs

- Resource Cost Overview Report

# RESOURCE COST OVERVIEW

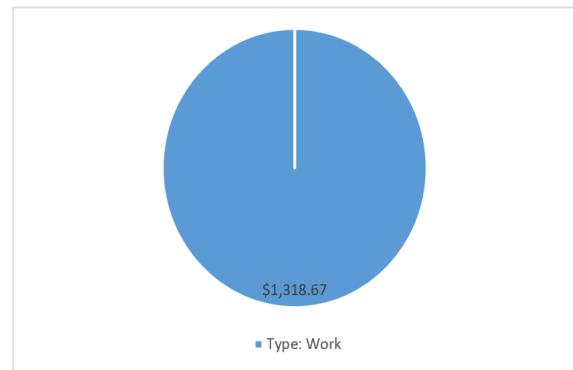
## COST STATUS

Cost status for work resources.



## COST DISTRIBUTION

How costs are spread out amongst different resource types.



## COST DETAILS

Cost details for all work resources.

Name	Actual Work	Actual Cost	Standard Rate
Shivank Giri	1.5 hrs	\$74.83	\$50.00/hr
Jasmeen Kaur	1.16 hrs	\$58.00	\$50.00/hr
Yanish Shahi	2.47 hrs	\$123.67	\$50.00/hr

ID	Task Mode	WBS	Task Name	% Completeness	Duration	Actual Start	Start	Actual Finish	Finish	Predecessors	Resource Names	Cost	Cost Variance	Baseline Cost	Baseline Work
1	Yellow	0	ACME AI Integration Project	87%	76.51 days	Tue 24-09-03	Tue 24-09-03	NA	Wed 24-12-18			\$1,318....	-\$921.33	\$2,240.00	44.8 hrs
2	Green	1	Phase 1: Capstone Consulting Engagement Schedule	100%	6.41 days	Tue 24-09-03	Tue 24-09-03	Wed 24-09-11	Wed 24-09-11			\$125.33	-\$162.67	\$288.00	5.76 hrs
3	Green	1.1	Team Formation	100%	0.03 days	Tue 24-09-03	Tue 24-09-03	Tue 24-09-03	Tue 24-09-03			\$45.83	\$45.83	\$0.00	0 hrs
4	Green	1.1.2	Create channel	100%	10 mins	Tue 24-09-03	Tue 24-09-03	Tue 24-09-03	Tue 24-09-03		Jasmeen Kaur	\$8.33	\$8.33	\$0.00	0 hrs
5	Green	1.1.1	Schedule meeting with Team	100%	15 mins	Tue 24-09-03	Tue 24-09-03	Tue 24-09-03	Tue 24-09-03	4FS+1 day	Jasmeen Kaur,Shiva	\$37.50	\$37.50	\$0.00	0 hrs
6	Green	1.2	Project Planning and Setup	100%	2.19 days	Wed 24-09-04	Wed 24-09-04	Fri 24-09-06	Fri 24-09-06			\$75.00	\$75.00	\$0.00	0 hrs
7	Green	1.2.1	Develop Work Breakdown Structure(WBS)	100%	30 mins	Wed 24-09-04	Wed 24-09-04	Wed 24-09-04	Wed 24-09-04	5FS+1 day	Jasmeen Kaur	\$25.00	\$25.00	\$0.00	0 hrs
8	Green	1.2.2	Define Project Schedule	100%	30 mins	Thu 24-09-05	Thu 24-09-05	Thu 24-09-05	Thu 24-09-05	7FS+1 day	Yanish Shahi	\$25.00	\$25.00	\$0.00	0 hrs
9	Green	1.2.3	Allocate Budget and Resources	100%	30 mins	Fri 24-09-06	Fri 24-09-06	Fri 24-09-06	Fri 24-09-06	8FS+1 day	Shivank Giri	\$25.00	\$25.00	\$0.00	0 hrs
10	Green	1.3	Execution and Monitoring	100%	2.19 days	Mon 24-09-09	Mon 24-09-09	Wed 24-09-11	Wed 24-09-11			\$4.50	-\$187.50	\$192.00	3.84 hrs
11	Green	1.3.1	Conduct Weekly Status Updates	100%	30 mins	Mon 24-09-09	Mon 24-09-09	Mon 24-09-09	Mon 24-09-09	9FS+1 day	Shivank Giri[6%]	\$1.50	-\$46.50	\$48.00	0.96 hrs
12	Green	1.3.2	Monitor Task Progress and Resource Usage	100%	30 mins	Tue 24-09-10	Tue 24-09-10	Tue 24-09-10	Tue 24-09-10	11FS+1 day	Jasmeen Kaur[6%]	\$1.50	-\$46.50	\$48.00	0.96 hrs
13	Green	1.3.3	Provide Weekly Reports	100%	30 mins	Wed 24-09-11	Wed 24-09-11	Wed 24-09-11	Wed 24-09-11	12FS+1 day	Yanish Shahi[6%]	\$1.50	-\$46.50	\$48.00	0.96 hrs
14	Green	2	Phase 2: Consulting Engagement Scope Statement	100%	9.44 days	Wed 24-09-18	Wed 24-09-18	Tue 24-10-01	Tue 24-10-01			\$132.42	-\$407.58	\$540.00	10.8 hrs
15	Green	2.1	Define Project Objectives	100%	1.08 days	Wed 24-09-18	Wed 24-09-18	Thu 24-09-19	Thu 24-09-19			\$25.00	\$25.00	\$0.00	0 hrs
16	Green	2.1.1	Identify Business Goals	100%	10 mins	Wed 24-09-18	Wed 24-09-18	Wed 24-09-18	Wed 24-09-18	13FS+1 day	Jasmeen Kaur,Shiva	\$25.00	\$25.00	\$0.00	0 hrs
17	Green	2.2.2	Define Success Criteria	100%	30 mins	Thu 24-09-19	Thu 24-09-19	Thu 24-09-19	Thu 24-09-19	16FS+1 day		\$0.00	\$0.00	\$0.00	0 hrs
18	Green	2.2	Define Project Scope	100%	3.13 days	Fri 24-09-20	Fri 24-09-20	Wed 24-09-25	Wed 24-09-25			\$3.83	\$3.83	\$0.00	0 hrs
19	Green	2.2.1	Create draft scope statement	100%	10 mins	Fri 24-09-20	Fri 24-09-20	Fri 24-09-20	Fri 24-09-20	17	Yanish Shahi[4%]	\$0.33	-\$15.67	\$16.00	0.32 hrs
20	Green	2.2.2	Review scope with key stakeholders	100%	30 mins	Mon 24-09-23	Mon 24-09-23	Mon 24-09-23	Mon 24-09-23	19FS+1 day	Shivank Giri[6%]	\$1.50	-\$22.50	\$24.00	0.48 hrs
21	Green	2.2.3	Revise scope based on feedback	100%	10 mins	Tue 24-09-24	Tue 24-09-24	Tue 24-09-24	Tue 24-09-24	20FS+1 day	Jasmeen Kaur[24%]	\$2.00	-\$22.00	\$24.00	0.48 hrs
22	Green	2.2.4	Obtain scope approval	100%	10 mins	Wed 24-09-25	Wed 24-09-25	Wed 24-09-25	Wed 24-09-25	21FS+1 day		\$0.00	\$0.00	\$0.00	0 hrs
23	Green	2.3	Identify Project Constraints and Assumptions	100%	0.21 days	Thu 24-09-26	Thu 24-09-26	Thu 24-09-26	Thu 24-09-26			\$2.00	-\$142.00	\$144.00	2.88 hrs
24	Green	2.3.1	List Project Constraints	100%	20 mins	Thu 24-09-26	Thu 24-09-26	Thu 24-09-26	Thu 24-09-26	22FS+1 day	Shivank Giri[6%]	\$1.00	-\$47.00	\$48.00	0.96 hrs
25	Green	2.2.2	Define Project Assumptions	100%	20 mins	Thu 24-09-26	Thu 24-09-26	Thu 24-09-26	Thu 24-09-26	24	Yanish Shahi[6%]	\$1.00	-\$47.00	\$48.00	0.96 hrs
26	Green	2.4	Conduct Stakeholder Analysis	100%	1.38 days	Fri 24-09-27	Fri 24-09-27	Mon 24-09-30	Mon 24-09-30			\$101.08	\$49.08	\$52.00	1.04 hrs
27	Green	2.4.1	Identify key stakeholders	100%	20 mins	Fri 24-09-27	Fri 24-09-27	Fri 24-09-27	Fri 24-09-27	25FS+1 day	Jasmeen Kaur[2%]	\$0.33	-\$7.67	\$8.00	0.16 hrs
28	Green	2.4.2	Conduct stakeholder interviews	100%	1 hr	Fri 24-09-27	Fri 24-09-27	Fri 24-09-27	Fri 24-09-27	27	Yanish Shahi	\$50.00	\$42.00	\$8.00	0.16 hrs
29	Green	2.4.3	Document stakeholder expectations and concerns	100%	30 mins	Fri 24-09-27	Fri 24-09-27	Fri 24-09-27	Fri 24-09-27	27	Shivank Giri,Yanish	\$50.00	\$38.00	\$12.00	0.24 hrs
30	Green	2.3.4	Review findings with project team	100%	30 mins	Mon 24-09-30	Mon 24-09-30	Mon 24-09-30	Mon 24-09-30	29FS+1 day	Jasmeen Kaur[3%]	\$0.75	-\$23.25	\$24.00	0.48 hrs
31	Green	2.5	Project Kickoff Preparation	100%	0.06 days	Tue 24-10-01	Tue 24-10-01	Tue 24-10-01	Tue 24-10-01			\$0.50	-\$71.50	\$72.00	1.44 hrs
32	Green	2.5.1	Communicate Scope to the Team	100%	30 mins	Tue 24-10-01	Tue 24-10-01	Tue 24-10-01	Tue 24-10-01	30FS+1 day	Yanish Shahi[2%]	\$0.50	-\$15.50	\$16.00	0.32 hrs
33	Green	3	Phase3: Client Proposed Solution and Implementation Schedule Artifact	100%	24.97 days	Wed 24-10-02	Wed 24-10-02	Wed 24-11-06	Wed 24-11-06			\$456.92	-\$199.08	\$656.00	13.12 hrs
34	Green	3.1	Define AI Integration Strategy	100%	4.56 days	Wed 24-10-02	Wed 24-10-02	Tue 24-10-08	Tue 24-10-08			\$213.25	\$165.25	\$48.00	0.96 hrs
35	Green	3.1.1	Research AI tools and technology	100%	15 mins	Wed 24-10-02	Wed 24-10-02	Wed 24-10-02	Wed 24-10-02	32FS+1 day	Jasmeen Kaur[6%]	\$0.75	-\$23.25	\$24.00	0.48 hrs
36	Green	3.1.2	Develop a strategy for integrating AI into current learning systems	100%	2.49 days	Thu 24-10-03	Thu 24-10-03	Mon 24-10-07	Mon 24-10-07			\$195.83	\$171.83	\$24.00	0.48 hrs
37	Green	3.1.2.1	Review existing learning platforms	100%	1 hr	Thu 24-10-03	Thu 24-10-03	Thu 24-10-03	Thu 24-10-03	35FS+1 day	Yanish Shahi	\$50.00	\$50.00	\$0.00	0 hrs
38	Green	3.1.2.2	research for potential AI tools	100%	2 hrs	Thu 24-10-03	Thu 24-10-03	Thu 24-10-03	Thu 24-10-03	37	Yanish Shahi	\$100.00	\$100.00	\$0.00	0 hrs
39	Green	3.1.2.3	Draft AI strategy	100%	25 mins	Fri 24-10-04	Fri 24-10-04	Fri 24-10-04	Fri 24-10-04	38FS+1 day	Shivank Giri	\$20.83	\$20.83	\$0.00	0 hrs
40	Green	3.1.2.4	Prepare strategy report for submission	100%	30 mins	Mon 24-10-07	Mon 24-10-07	Mon 24-10-07	Mon 24-10-07	39FS+1 day	Jasmeen Kaur	\$25.00	\$25.00	\$0.00	0 hrs
41	Green	3.1.3	Prepare a detail AI integration plan	100%	20 mins	Tue 24-10-08	Tue 24-10-08	Tue 24-10-08	Tue 24-10-08	40FS+1 day	Yanish Shahi	\$16.67	\$16.67	\$0.00	0 hrs
42	Green	3.2	Develop AI-enhanced learning Modules	100%	2.28 days	Thu 24-10-10	Thu 24-10-10	Mon 24-10-14	Mon 24-10-14			\$52.75	-\$27.25	\$80.00	1.6 hrs
43	Green	3.2.1	Identify modules to be enhanced or created wi	100%	15 mins	Thu 24-10-10	Thu 24-10-10	Thu 24-10-10	Thu 24-10-10	41FS+1 day	Jasmeen Kaur[6%]	\$0.75	-\$47.25	\$48.00	0.96 hrs

ID	Task Mode	WBS	Task Name	% Completeness	Duration	Actual Start	Start	Actual Finish	Finish	Predecessors	Resource Names	Cost	Cost Variance	Baseline Cost	Baseline Work	
44	✓	➡ 3.2.2	Collaborate with AI experts to design AI-enhanced content	100%	1 hr	Fri 24-10-11	Fri 24-10-11	Fri 24-10-11	Fri 24-10-11	43FS+1 day	Jasmeen Kaur[4%]	\$2.00	-\$30.00	\$32.00	0.64 hrs	
45	✓	➡ 1.3.2.3	Test and refine AI-enhanced learning modules	100%	1 hr	Mon 24-10-14	Mon 24-10-14	Mon 24-10-14	Mon 24-10-14	44FS+1 day	Shivank Giri	\$50.00	\$50.00	\$0.00	0 hrs	
46	✓	➡ 3.3	<b>Create Implementation Roadmap</b>	<b>100%</b>	<b>2.09 days</b>	<b>Mon 24-10-14</b>	<b>Mon 24-10-14</b>	<b>Wed 24-10-16</b>	<b>Wed 24-10-16</b>				<b>\$26.50</b>	<b>-\$53.50</b>	<b>\$80.00</b>	<b>1.6 hrs</b>
47	✓	➡ 3.3.1	Develop a detailed timeline for AI integration	100%	15 mins	Mon 24-10-14	Mon 24-10-14	Mon 24-10-14	Mon 24-10-14	44FS+1 day	Yanish Shahi[4%]	\$0.50	-\$31.50	\$32.00	0.64 hrs	
48	✓	➡ 3.3.2	Outline milestones and deliverables	100%	20 mins	Tue 24-10-15	Tue 24-10-15	Tue 24-10-15	Tue 24-10-15	47FS+1 day	Yanish Shahi[6%]	\$1.00	-\$47.00	\$48.00	0.96 hrs	
49	✓	➡ 3.3.3	Establish criteria for success and metrics for evaluation	100%	10 mins	Wed 24-10-16	Wed 24-10-16	Wed 24-10-16	Wed 24-10-16	48FS+1 day	Yanish Shahi,Jasmeen	\$25.00	\$25.00	\$0.00	0 hrs	
50	✓	➡ 3.4	<b>API development</b>	<b>100%</b>	<b>0.05 days</b>	<b>Thu 24-10-17</b>	<b>Thu 24-10-17</b>	<b>Thu 24-10-17</b>	<b>Thu 24-10-17</b>				<b>\$1.08</b>	<b>-\$86.92</b>	<b>\$88.00</b>	<b>1.76 hrs</b>
51	✓	➡ 3.4.1	Create and evaluate data-sharing APIs	100%	15 mins	Thu 24-10-17	Thu 24-10-17	Thu 24-10-17	Thu 24-10-17	49FS+1 day	Shivank Giri[6%]	\$0.75	-\$71.25	\$72.00	1.44 hrs	
52	✓	➡ 3.4.2	Assure compliance and security	100%	10 mins	Thu 24-10-17	Thu 24-10-17	Thu 24-10-17	Thu 24-10-17	51	Shivank Giri[4%]	\$0.33	-\$15.67	\$16.00	0.32 hrs	
53	✓	➡ 3.5	<b>Construct Personalized Modules</b>	<b>100%</b>	<b>11.03 days</b>	<b>Thu 24-10-17</b>	<b>Thu 24-10-17</b>	<b>Fri 24-11-01</b>	<b>Fri 24-11-01</b>				<b>\$160.75</b>	<b>\$56.75</b>	<b>\$104.00</b>	<b>2.08 hrs</b>
54	✓	➡ 3.5.1	Provide AI-powered training courses for market	100%	15 mins	Thu 24-10-17	Thu 24-10-17	Thu 24-10-17	Thu 24-10-17	49FS+1 day	Jasmeen Kaur[6%]	\$0.75	-\$71.25	\$72.00	1.44 hrs	
55	✓	➡ 3.5.2	Create, modify, and test modules	100%	10 days	Fri 24-10-18	Fri 24-10-18	Fri 24-11-01	Fri 24-11-01	54FS+1 day	Jasmeen Kaur[4%]	\$160.00	\$128.00	\$32.00	0.64 hrs	
56	✓	➡ 3.6	<b>Planning for Integration</b>	<b>100%</b>	<b>1.07 days</b>	<b>Mon 24-11-04</b>	<b>Mon 24-11-04</b>	<b>Tue 24-11-05</b>	<b>Tue 24-11-05</b>				<b>\$1.50</b>	<b>-\$102.50</b>	<b>\$104.00</b>	<b>2.08 hrs</b>
57	✓	➡ 3.6.1	Determine needs and integration points	100%	15 mins	Mon 24-11-04	Mon 24-11-04	Mon 24-11-04	Mon 24-11-04	55FS+1 day	Yanish Shahi[4%]	\$0.50	-\$31.50	\$32.00	0.64 hrs	
58	✓	➡ 3.6.2	Create an integration plan and schedule	100%	20 mins	Tue 24-11-05	Tue 24-11-05	Tue 24-11-05	Tue 24-11-05	57FS+1 day	Yanish Shahi[6%]	\$1.00	-\$71.00	\$72.00	1.44 hrs	
59	✓	➡ 3.7	<b>Adjust and enhance AI Tools</b>	<b>100%</b>	<b>0.05 days</b>	<b>Wed 24-11-06</b>	<b>Wed 24-11-06</b>	<b>Wed 24-11-06</b>	<b>Wed 24-11-06</b>				<b>\$1.08</b>	<b>-\$150.92</b>	<b>\$152.00</b>	<b>3.04 hrs</b>
60	✓	➡ 3.7.1	Gather feedback and identify improvements	100%	10 mins	Wed 24-11-06	Wed 24-11-06	Wed 24-11-06	Wed 24-11-06	58FS+1 day	Shivank Giri[4%]	\$0.33	-\$79.67	\$80.00	1.6 hrs	
61	✓	➡ 3.7.2	Put improvements into practice for increased performance	100%	15 mins	Wed 24-11-06	Wed 24-11-06	Wed 24-11-06	Wed 24-11-06	60	Shivank Giri[6%]	\$0.75	-\$71.25	\$72.00	1.44 hrs	
62	➡ 4	4	<b>Phase 4: Client Project Implementation Risk Analysis Artifact</b>	35%	13.75 days	Thu 24-11-07	Thu 24-11-07	NA	Wed 24-11-27				\$52.33	-\$515.67	\$568.00	11.36 hrs
63	✓	➡ 4.1	<b>Test Case creation</b>	<b>100%</b>	<b>1.1 days</b>	<b>Thu 24-11-07</b>	<b>Thu 24-11-07</b>	<b>Fri 24-11-08</b>	<b>Fri 24-11-08</b>				<b>\$2.00</b>	<b>-\$102.00</b>	<b>\$104.00</b>	<b>2.08 hrs</b>
64	✓	➡ 4.1.1	Outlining test scenarios	100%	20 mins	Thu 24-11-07	Thu 24-11-07	Thu 24-11-07	Thu 24-11-07	61FS+1 day	Shivank Giri[6%]	\$1.00	-\$71.00	\$72.00	1.44 hrs	
65	✓	➡ 4.1.2	Develop and order test cases	100%	30 mins	Fri 24-11-08	Fri 24-11-08	Fri 24-11-08	Fri 24-11-08	64FS+1 day	Shivank Giri[4%]	\$1.00	-\$31.00	\$32.00	0.64 hrs	
66	✓	➡ 4.2	<b>Test Dataset development</b>	<b>100%</b>	<b>1.05 days</b>	<b>Mon 24-11-11</b>	<b>Mon 24-11-11</b>	<b>Tue 24-11-12</b>	<b>Tue 24-11-12</b>				<b>\$1.08</b>	<b>-\$102.92</b>	<b>\$104.00</b>	<b>2.08 hrs</b>
67	✓	➡ 4.2.1	Categories various scenarios	100%	10 mins	Mon 24-11-11	Mon 24-11-11	Mon 24-11-11	Mon 24-11-11	65FS+1 day	Jasmeen Kaur[4%]	\$0.33	-\$31.67	\$32.00	0.64 hrs	
68	✓	➡ 4.2.2	Develop dataset for each scenario	100%	15 mins	Tue 24-11-12	Tue 24-11-12	Tue 24-11-12	Tue 24-11-12	67FS+1 day	Jasmeen Kaur[6%]	\$0.75	-\$71.25	\$72.00	1.44 hrs	
69	✓	➡ 4.3	<b>Unit Testing for AI</b>	<b>100%</b>	<b>1.1 days</b>	<b>Wed 24-11-13</b>	<b>Wed 24-11-13</b>	<b>Thu 24-11-14</b>	<b>Thu 24-11-14</b>				<b>\$2.17</b>	<b>-\$109.83</b>	<b>\$112.00</b>	<b>2.24 hrs</b>
70	✓	➡ 4.3.1	Test the integration of components	100%	30 mins	Wed 24-11-13	Wed 24-11-13	Wed 24-11-13	Wed 24-11-13	68FS+1 day	Yanish Shahi[6%]	\$1.50	-\$94.50	\$96.00	1.92 hrs	
71	✓	➡ 4.3.2	Document the result	100%	20 mins	Thu 24-11-14	Thu 24-11-14	Thu 24-11-14	Thu 24-11-14	70FS+1 day	Yanish Shahi[4%]	\$0.67	-\$15.33	\$16.00	0.32 hrs	
72	➡ 4.4	4	<b>Integration Testing</b>	1%	1.19 days	Fri 24-11-15	Fri 24-11-15	NA	Mon 24-11-18				<b>\$3.50</b>	<b>-\$124.50</b>	<b>\$128.00</b>	<b>2.56 hrs</b>
73	➡ 4.4.1	4.4.1	Test the integration of components	3%	30 mins	Fri 24-11-15	Fri 24-11-15	NA	Fri 24-11-15	71FS+1 day	Jasmeen Kaur[6%]	\$1.50	-\$94.50	\$96.00	1.92 hrs	
74	➡ 4.4.2	4.4.2	Document the result	0%	1 hr	NA	Mon 24-11-15	NA	Mon 24-11-18	73FS+1 day	Jasmeen Kaur[4%]	\$2.00	-\$30.00	\$32.00	0.64 hrs	
75	➡ 4.5	4.5	<b>Performance Testing</b>	0%	1.09 days	NA	Tue 24-11-19	NA	Wed 24-11-20				<b>\$1.08</b>	<b>-\$70.92</b>	<b>\$72.00</b>	<b>1.44 hrs</b>
76	➡ 4.5.1	4.5.1	Speed testing	0%	15 mins	NA	Tue 24-11-19	NA	Tue 24-11-19	74FS+1 day	Shivank Giri[2%]	\$0.25	-\$15.75	\$16.00	0.32 hrs	
77	➡ 4.5.2	4.5.2	Accuracy testing	0%	10 mins	NA	Wed 24-11-20	NA	Wed 24-11-20	76FS+1 day	Shivank Giri[6%]	\$0.50	-\$47.50	\$48.00	0.96 hrs	
78	➡ 4.5.3	4.5.3	Document the result	0%	20 mins	NA	Wed 24-11-20	NA	Wed 24-11-20	77	Shivank Giri[2%]	\$0.33	-\$7.67	\$8.00	0.16 hrs	
79	➡ 4.6	4.6	<b>Compatibility Check</b>	0%	3.21 days	NA	Thu 24-11-21	NA	Wed 24-11-27				<b>\$42.50</b>	<b>-\$5.50</b>	<b>\$48.00</b>	<b>0.96 hrs</b>
80	➡ 4.6.1	4.6.1	Incorporate an android mobile device for testing with different sizes	0%	30 mins	NA	Thu 24-11-21	NA	Fri 24-11-22	78FS+1 day	Yanish Shahi[2%]	\$0.50	-\$15.50	\$16.00	0.32 hrs	
81	➡ 4.6.2	4.6.2	Incorporate an android laptop for testing with different sizes	0%	30 mins	NA	Mon 24-11-25	NA	Mon 24-11-25	80FS+1 day	Shivank Giri	\$25.00	\$17.00	\$8.00	0.16 hrs	
82	➡ 4.6.3	4.6.3	Incorporate an iOS laptop for testing with different sizes	0%	20 mins	NA	Tue 24-11-26	NA	Tue 24-11-26	81FS+1 day	Yanish Shahi[2%]	\$0.33	-\$7.67	\$8.00	0.16 hrs	
83	➡ 4.6.4	4.6.4	Document the result	0%	20 mins	NA	Wed 24-11-27	NA	Wed 24-11-27	82FS+1 day	Jasmeen Kaur	\$16.67	\$0.67	\$16.00	0.32 hrs	

ID	i	Task Mode	WBS	Task Name	% Completeness	Duration	Actual Start	Start	Actual Finish	Finish	Predecessors	Resource Names	Cost	Cost Variance	Baseline Cost	Baseline Work
84		5	5	Phase 5: Proposed Solution Budget and Consulting Engagement Cost to Date Artifact	0%	7.38 days	NA	Wed 24-11-27	NA	Fri 24-12-06			\$150.00	\$150.00	\$0.00	0 hrs
85		5.1	5.1	Review and Analyze Project Information	0%	1.09 days	NA	Wed 24-11-2 NA		Thu 24-11-28			\$37.50	\$37.50	\$0.00	0 hrs
86		5.1.1	5.1.1	Gather project documentation	0%	30 mins	NA	Wed 24-11-2 NA		Wed 24-11-27 83		Shivank Giri	\$25.00	\$25.00	\$0.00	0 hrs
87		5.1.2	5.1.2	Identify key cost components	0%	15 mins	NA	Thu 24-11-28 NA		Thu 24-11-28 86FS+1 day		Yanish Shahi	\$12.50	\$12.50	\$0.00	0 hrs
88		5.2	5.2	Develop Proposed Solution Budget	0%	0.09 days	NA	Fri 24-11-29 NA		Fri 24-11-29			\$37.50	\$37.50	\$0.00	0 hrs
89		5.2.1	5.2.1	Breakdown Project Costs	0%	30 mins	NA	Fri 24-11-29 NA		Fri 24-11-29 87FS+1 day		Jasmeen Kaur	\$25.00	\$25.00	\$0.00	0 hrs
90		5.2.2	5.2.2	Evaluate ongoing and future costs	0%	15 mins	NA	Fri 24-11-29 NA		Fri 24-11-29 89		Shivank Giri	\$12.50	\$12.50	\$0.00	0 hrs
91		5.3	5.3	Calcuate Consulting cost	0%	1.06 days	NA	Mon 24-12-0 NA		Tue 24-12-03			\$25.00	\$25.00	\$0.00	0 hrs
92		5.3.1	5.3.1	Track Consulting hours	0%	20 mins	NA	Mon 24-12-0 NA		Mon 24-12-02 90FS+1 day		Jasmeen Kaur	\$16.67	\$16.67	\$0.00	0 hrs
93		5.3.2	5.3.2	Calculate total consulting costs	0%	10 mins	NA	Tue 24-12-03 NA		Tue 24-12-03 92FS+1 day		Yanish Shahi	\$8.33	\$8.33	\$0.00	0 hrs
94		5.4	5.4	Prepare Budget Report	0%	2.13 days	NA	Wed 24-12-0 NA		Fri 24-12-06			\$50.00	\$50.00	\$0.00	0 hrs
95		5.4.1	5.4.1	Compile Budget Overview	0%	30 mins	NA	Wed 24-12-0 NA		Wed 24-12-04 93FS+1 day		Shivank Giri	\$25.00	\$25.00	\$0.00	0 hrs
96		5.4.2	5.4.2	Review with team	0%	10 mins	NA	Thu 24-12-05 NA		Thu 24-12-05 95FS+1 day		Yanish Shahi	\$8.33	\$8.33	\$0.00	0 hrs
97		5.4.3	5.4.3	Adjust and finalize report	0%	20 mins	NA	Fri 24-12-06 NA		Fri 24-12-06 96FS+1 day		Jasmeen Kaur	\$16.67	\$16.67	\$0.00	0 hrs
98		6	6	Phase 6: Proposed Solution and Implementation Portfolio Report	0%	5.5 days	NA	Fri 24-12-06 NA		Mon 24-12-16			\$10.00	-\$178.00	\$188.00	3.76 hrs
99		6.1	6.1	Finilize Project deliverables	0%	1.19 days	NA	Fri 24-12-06 NA		Mon 24-12-09			\$3.50	-\$16.50	\$20.00	0.4 hrs
100		6.1.1	6.1.1	Make sure all project deliverables are completed	0%	30 mins	NA	Fri 24-12-06 NA		Fri 24-12-06 97		Yanish Shahi[6%]	\$1.50	-\$10.50	\$12.00	0.24 hrs
101		6.1.2	6.1.2	Examine deliverables in context with project goal	0%	1 hr	NA	Mon 24-12-0 NA		Mon 24-12-09 100FS+1 day		Yanish Shahi[4%]	\$2.00	-\$6.00	\$8.00	0.16 hrs
102		6.2	6.2	Perform the project's final review with stakeholders	0%	1.13 days	NA	Tue 24-12-10 NA		Wed 24-12-11			\$2.50	-\$37.50	\$40.00	0.8 hrs
103		6.2.1	6.2.1	Explain the results and achievements of the project	0%	30 mins	NA	Tue 24-12-10 NA		Tue 24-12-10 101FS+1 day		Jasmeen Kaur[6%]	\$1.50	-\$22.50	\$24.00	0.48 hrs
104		6.2.2	6.2.2	Obtain feedback and agreement from relevant parties	0%	30 mins	NA	Wed 24-12-11 NA		Wed 24-12-11 103FS+1 day		Jasmeen Kaur[4%]	\$1.00	-\$15.00	\$16.00	0.32 hrs
105		6.3	6.3	Documentation of project	0%	1.19 days	NA	Thu 24-12-12 NA		Mon 24-12-16			\$4.00	-\$36.00	\$40.00	0.8 hrs
106		6.3.1	6.3.1	Gather information for the project, such as reports and conclusions	0%	1 hr	NA	Thu 24-12-12 NA		Thu 24-12-12 104FS+1 day		Shivank Giri[6%]	\$3.00	-\$21.00	\$24.00	0.48 hrs
107		6.3.2	6.3.2	Make sure that every project document is arranged and easily available	0%	30 mins	NA	Fri 24-12-13 NA		Mon 24-12-16		Shivank Giri[4%]	\$1.00	-\$15.00	\$16.00	0.32 hrs
108		7	7	Phase 7: Final Buy-In Proposed Solution Plan	0%	2.48 days	NA	Mon 24-12-1 NA		Wed 24-12-18			\$391.67	\$391.67	\$0.00	0 hrs
109		7.1	7.1	Planning and preparation	0%	0.1 days	NA	Mon 24-12-1 NA		Mon 24-12-16			\$41.67	\$41.67	\$0.00	0 hrs
110		7.1.1	7.1.1	Review Final Report	0%	30 mins	NA	Mon 24-12-1 NA		Mon 24-12-16 107		Yanish Shahi	\$25.00	\$25.00	\$0.00	0 hrs
111		7.1.2	7.1.2	Define Presentation Structure	0%	20 mins	NA	Mon 24-12-1 NA		Mon 24-12-16 110		Yanish Shahi	\$16.67	\$16.67	\$0.00	0 hrs
112		7.2	7.2	Slide Creation	0%	0.16 days	NA	Mon 24-12-1 NA		Mon 24-12-16			\$62.50	\$62.50	\$0.00	0 hrs
113		7.2.1	7.2.1	Create Introduction Slides	0%	20 mins	NA	Mon 24-12-1 NA		Mon 24-12-16 111		Shivank Giri	\$16.67	\$16.67	\$0.00	0 hrs
114		7.2.2	7.2.2	Consulting Engagement Overview Slides	0%	15 mins	NA	Mon 24-12-1 NA		Mon 24-12-16 113		Jasmeen Kaur	\$12.50	\$12.50	\$0.00	0 hrs
115		7.2.3	7.2.3	Decision sought from ACME	0%	30 mins	NA	Mon 24-12-1 NA		Mon 24-12-16 114		Jasmeen Kaur	\$25.00	\$25.00	\$0.00	0 hrs
116		7.2.4	7.2.4	Question and Answer Slide	0%	10 mins	NA	Mon 24-12-1 NA		Mon 24-12-16 115		Shivank Giri	\$8.33	\$8.33	\$0.00	0 hrs
117		7.3	7.3	Speaker Notes	0%	1.13 days	NA	Tue 24-12-17 NA		Wed 24-12-18			\$175.00	\$175.00	\$0.00	0 hrs
118		7.3.1	7.3.1	Develop Speaker Notes for Introduction	0%	20 mins	NA	Tue 24-12-17 NA		Tue 24-12-17 116FS+1 day		Jasmeen Kaur,Shiva	\$50.00	\$50.00	\$0.00	0 hrs
119		7.3.2	7.3.2	Develop Speaker notes for consulting overview	0%	15 mins	NA	Tue 24-12-17 NA		Tue 24-12-17 118		Jasmeen Kaur,Shiva	\$37.50	\$37.50	\$0.00	0 hrs
120		7.3.3	7.3.3	Rehearsal and Timing	0%	10 mins	NA	Tue 24-12-17 NA		Tue 24-12-17 119		Jasmeen Kaur,Shiva	\$25.00	\$25.00	\$0.00	0 hrs
121		7.3.4	7.3.4	Individual Rehearsal	0%	15 mins	NA	Wed 24-12-1 NA		Wed 24-12-18 119FS+1 day		Jasmeen Kaur,Shiva	\$37.50	\$37.50	\$0.00	0 hrs
122		7.3.5	7.3.5	Team presentation rehearsals	0%	10 mins	NA	Wed 24-12-1 NA		Wed 24-12-18 121		Jasmeen Kaur,Shiva	\$25.00	\$25.00	\$0.00	0 hrs
123		7.4	7.4	Final Edits and Submission	0%	0.09 days	NA	Wed 24-12-1 NA		Wed 24-12-18			\$112.50	\$112.50	\$0.00	0 hrs
124		7.4.1	7.4.1	Review and edit powerpoint	0%	30 mins	NA	Wed 24-12-1 NA		Wed 24-12-18 122		Jasmeen Kaur,Shiva	\$75.00	\$75.00	\$0.00	0 hrs
125		7.4.2	7.4.2	Finalize and submit Presentation	0%	15 mins	NA	Wed 24-12-1 NA		Wed 24-12-18 124		Jasmeen Kaur,Shiva	\$37.50	\$37.50	\$0.00	0 hrs

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## Client Proposed Solution and Implementation Schedule Artifact

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# Client Proposed Solution and

# Implementation Schedule

# Artifact

**Group 26**

**Link**

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**Team Members:**

Jasmeen Kaur

Shivank Giri

Yanish Shahi

# Draft Client Proposed Solution and Implementation Schedule Artifact

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# Draft Client Proposed Solution and Implementation Schedule Artifact

## **ACME AI Integration Project Client Proposed Solution and Implementation Schedule Artifact**

### Executive Summary of the Solution:

The goal of ACME Company's sales training initiative is to include artificial intelligence (AI) to improve participant learning. The suggested approach is a planned, incremental rollout of AI technologies meant to enhance and supplement the current sales modules without sacrificing program quality or risking investor confidence. While maintaining the exacting standards of ACME and making sure that assessments and content are rigorous, artificial intelligence (AI) will help automate some learning procedures. The objective is to reduce the fear that artificial intelligence will replace human knowledge while streamlining the learning process, offering more individualized feedback, and developing scalable solutions for all five of the institution sites.

### Appropriateness of the Solution

By ensuring that AI is used exclusively as a tool to enhance learning—rather than to replace it—this method allays investor concerns. In addition to careful assessment and human control, the suggested system preserves the content's authenticity. The solution is appropriate for ACME's wide range of programs because of its scalability, which makes it simple to expand as new campuses embrace artificial intelligence. By customizing each participant's learning path and automating repetitive tasks, AI will also enhance learning outcomes and free up instructors' time to concentrate on delivering high-quality information.

### Team's Development of the Solution

To make sure the suggested AI solution matched ACME's objectives, the project team—led by the Head of Program at ACME and assisted by the project managers of ABC123 Inc.—worked with subject matter experts and stakeholders from every department. In-depth study, internal discussions, and interactions with specialists in AI and learning technologies were used to design the answer. With the goal of providing the solution by September 2026, the team focused on managing the project from planning to execution by adhering to the PMBoK methodology. To guarantee safe and effective project management, all intercommunication and teamwork were facilitated by MS Teams' PMIS system.

### Preliminary Project Schedule

**Project Duration:** 38.36 days (Start: October 2, 2024 - End: November 25, 2024)

# Draft Client Proposed Solution and Implementation Schedule Artifact

**Project Goal:** Implement AI into ACME's sales training programs across five campuses, ensuring alignment with ACME's quality standards and addressing investor concerns.

## Phase 1: Market Research

**Duration:** 3.34 days

**Deliverables:** The project begins with researching market needs and gaps, informing the project's direction. The findings are compiled into a report for stakeholders.

- Analyze competitors
- Identify audience needs
- Report findings

## Phase 2: Data Collection and Validation

**Duration:** 2.38 days

**Deliverables:** The team collects and validates data for AI model training, ensuring accuracy and relevance to support reliable AI development.

- Gather and validate data
- Perform quality checks

## Phase 3: Integration and Design

**Duration:** 2.29 days

**Deliverables:** The design phase includes planning the system architecture and user interfaces, ensuring an intuitive user experience.

- Design system architecture
- Review designs with stakeholders

## Phase 4: AI Model Development

**Duration:** 3.34 days

**Deliverables:** AI models are built using the collected data, with fine-tuned algorithms to achieve optimal performance.

- Train AI models
- Fine-tune for accuracy

## Phase 5: Platform Development and AI Integration

**Duration:** 3.39 days

**Deliverables:** The platform is developed and AI features integrated, with a preliminary version released for internal testing.

- Build platform infrastructure
- Integrate AI functionalities

# Draft Client Proposed Solution and Implementation Schedule Artifact

## Phase 6: AI Testing and Quality Assurance

**Duration:** 3.27 days

**Deliverables:** Comprehensive testing is conducted to ensure AI features perform as expected, followed by quality assurance signoff.

- Perform testing and bug fixes
- Obtain quality assurance approval

## Phase 7: Staff Training and Client Onboarding

**Duration:** 3.43 days

**Deliverables:** Staff training and initial client onboarding are conducted, with materials provided and feedback collected for adjustments.

- Train staff
- Onboard initial clients

## Phase 8: Deployment of AI Features

**Duration:** 2.32 days

**Deliverables:** The deployment of AI tools into the training program takes place during this phase. The team monitors deployment, collects initial usage data, and analyzes the effectiveness of the AI features. This is followed by a stakeholder review to approve full-scale deployment.

- AI deployment
- Initial usage data collection
- Effectiveness analysis
- Stakeholder approval for full deployment

## Phase 9: Monitoring and Evaluation

**Duration:** 3.31 days

**Deliverables:** Once AI features are deployed, monitoring begins to ensure they perform as expected. Feedback is collected from users, and the AI tool's effectiveness is evaluated. The findings are presented to stakeholders for review.

- Establish monitoring framework
- Collect data on learning outcomes
- Conduct feedback sessions with users
- Report findings to stakeholders

## Phase 10: Project Closure and Documentation

**Duration:** 3.28 days

**Deliverables:** This phase marks the conclusion of the project. All project documents are compiled, reviewed, and archived. The final project report is prepared, and signoffs from stakeholders are obtained to officially close the project.

- Compile project documentation
- Conduct project review meeting

# Draft Client Proposed Solution and Implementation Schedule Artifact

- Prepare final project report
- Archive and store materials

## Implementation Schedule

Here is a high-level summary of the timeline:

- **Start Date:** October 2, 2024
- **End Date:** November 25, 2024
- **Total Duration:** 38.36 days (about 1 and 9 days)

The project will be executed in phases with well-defined milestones and deliverables, culminating in the final buy-in and presentation of the solution to ACME stakeholders.

## Explanation of Major Deliverables

- **Market Research:** Dive into understanding the market and competitors to shape the project's direction and define what the AI needs to accomplish.
- **Data Collection and Validation:** Collect the right data and make sure it's accurate so the AI models have a solid foundation to learn from.
- **Integration and Design:** Plan how everything will come together, from system setup to user interfaces, ensuring the AI fits seamlessly into the platform.
- **AI Model Development:** Build the AI models, fine-tuning them to ensure they perform well and deliver meaningful insights.
- **Platform Development and AI Integration:** Develop the platform and integrate the AI features, making sure everything works together smoothly.
- **AI Testing and Quality Assurance:** Test the AI thoroughly to catch any issues and refine the system before it goes live.
- **Staff Training and Client Onboarding:** Get the team up to speed with the AI tools and guide early users through the onboarding process, gathering feedback to fine-tune things.
- **Deployment of AI Features:** This is the technical phase where the AI tools are deployed into the sales training programs. The team monitors performance, collects data, and makes any necessary adjustments before full deployment.
- **Monitoring and Evaluation:** Post-deployment, this phase ensures that the AI system functions as intended. Feedback from users is collected, and data is analyzed to confirm that learning outcomes are being met.
- **Project Closure and Documentation:** The final phase ensures that all project documents are completed, reviewed, and archived. Stakeholder sign-off is obtained, officially closing the project.

# Draft Client Proposed Solution and Implementation Schedule Artifact

## References

- Koller, D., & Nussbaum-Beach, S. (2016). The Transformative Potential of Artificial Intelligence in Education. *International Journal of Education and Learning Systems*, 1(1).

ID		Task Mode	WBS	Task Name	Duration	% Work Complete	Start	Finish	Predecessors	Resource Names	Baseline Start	Baseline Finish	
1			0	<b>Client Proposed Solution and Implementation Schedule</b>	<b>519 days</b>	<b>0%</b>	<b>Wed 24-10-02</b>	<b>Mon 26-09-28</b>			<b>Wed 24-10-02</b>	<b>Mon 26-09-28</b>	
2			1	<b>Market Research</b>	<b>52 days</b>	<b>0%</b>	<b>Wed 24-10-02</b>	<b>Thu 24-12-12</b>			<b>Wed 24-10-02</b>	<b>Thu 24-12-12</b>	
3			1.1	Research AI Tool for Learning Platforms	10 days	0%	Wed 24-10-02	Tue 24-10-15		PM1(Yanish Shahi),Data Scientist	Wed 24-10-02	Tue 24-10-15	
4			1.2	Analyze Competitor AI Solutions	15 days	0%	Thu 24-10-17	Wed 24-11-06	3FS+1 day	Market Analyst,PM3(Shivank Giri)	Thu 24-10-17	Wed 24-11-06	
5			1.3	Client Data Analysis for AI needs	8 days	0%	Fri 24-11-08	Tue 24-11-19	4FS+1 day	Data Scientist,PM2(Jasmeen Kaur)	Fri 24-11-08	Tue 24-11-19	
6			1.4	Survey AI Market Trends in Education	5 days	0%	Thu 24-11-21	Wed 24-11-27	5FS+1 day	Market Analyst	Thu 24-11-21	Wed 24-11-27	
7			1.5	Draft AI research report for stakeholders	10 days	0%	Fri 24-11-29	Thu 24-12-12	6FS+1 day	PM3(Shivank Giri)	Fri 24-11-29	Thu 24-12-12	
8			2	<b>Data Collection and Validation</b>	<b>45 days</b>	<b>0%</b>	<b>Mon 24-12-16</b>	<b>Fri 25-02-14</b>			<b>Mon 24-12-16</b>	<b>Fri 25-02-14</b>	
9			2.1	Gather ACME's program data	15 days	0%	Mon 24-12-16	Fri 25-01-03	7FS+1 day	Data Scientist,Software Developer	Mon 24-12-16	Fri 25-01-03	
10			2.2	Data cleaning and preparation	6 days	0%	Tue 25-01-07	Tue 25-01-14	9FS+1 day	Data Scientist	Tue 25-01-07	Tue 25-01-14	
11			2.3	Validate data with key stakeholders	5 days	0%	Thu 25-01-16	Wed 25-01-22	10FS+1 day	Data Scientist	Thu 25-01-16	Wed 25-01-22	
12			2.4	Select key data attributes for AI models	10 days	0%	Fri 25-01-24	Thu 25-02-06	11FS+1 day	Data Scientist,Software Developer	Fri 25-01-24	Thu 25-02-06	
13			2.5	Document data collection and validation process	5 days	0%	Mon 25-02-10	Fri 25-02-14	12FS+1 day	PM2(Jasmeen Kaur)	Mon 25-02-10	Fri 25-02-14	
14			3	<b>Integration and Design</b>	<b>33 days</b>	<b>0%</b>	<b>Tue 25-02-18</b>	<b>Thu 25-04-03</b>			<b>Tue 25-02-18</b>	<b>Thu 25-04-03</b>	
15			3.1	Design AI integration framework	10 days	0%	Tue 25-02-18	Mon 25-03-03	13FS+1 day	Data Scientist,Software Developer	Tue 25-02-18	Mon 25-03-03	
16			3.2	Create user interface design for AI features	5 days	0%	Wed 25-03-05	Tue 25-03-11	15FS+1 day	Software Developer	Wed 25-03-05	Tue 25-03-11	
17			3.3	Develop data flow diagrams for AI tools	10 days	0%	Thu 25-03-13	Wed 25-03-26	16FS+1 day	Data Scientist,Software Developer	Thu 25-03-13	Wed 25-03-26	
18			3.4	Stakeholder approval for AI integration design	5 days	0%	Fri 25-03-28	Thu 25-04-03	17FS+1 day	Data Scientist,PM3(Shivank Giri),Software Developer,Sponsor	Fri 25-03-28	Thu 25-04-03	
19			4	<b>AI Model development</b>	<b>53 days</b>	<b>0%</b>	<b>Mon 25-04-07</b>	<b>Wed 25-06-18</b>			<b>Mon 25-04-07</b>	<b>Wed 25-06-18</b>	
20			4.1	Develop AI algorithms for personalized learning	10 days	0%	Mon 25-04-07	Fri 25-04-18	18FS+1 day	Data Scientist,Software Developer	Mon 25-04-07	Fri 25-04-18	
21			4.2	Train AI Models with ACME's Data	15 days	0%	Tue 25-04-22	Mon 25-05-12	20FS+1 day	Data Scientist	Tue 25-04-22	Mon 25-05-12	
22			4.3	Develop machine learning pipelines	4 days	0%	Wed 25-05-14	Mon 25-05-19	21FS+1 day	Data Scientist	Wed 25-05-14	Mon 25-05-19	
23			4.4	Test AI Models in sandbox environment	10 days	0%	Wed 25-05-21	Tue 25-06-03	22FS+1 day	Data Scientist	Wed 25-05-21	Tue 25-06-03	
24			4.5	Optimize AI Models for scalability	10 days	0%	Thu 25-06-05	Wed 25-06-18	23FS+1 day	Data Scientist	Thu 25-06-05	Wed 25-06-18	
25			5	<b>Platform development and AI integration</b>	<b>59 days</b>	<b>0%</b>	<b>Fri 25-06-20</b>	<b>Wed 25-09-10</b>			<b>Fri 25-06-20</b>	<b>Wed 25-09-10</b>	
26			5.1	Develop AI features in platform	15 days	0%	Fri 25-06-20	Thu 25-07-10	24FS+1 day	Data Scientist,Software Developer	Fri 25-06-20	Thu 25-07-10	
27			5.2	Configure systems for AI Integration	10 days	0%	Mon 25-07-14	Fri 25-07-25	26FS+1 day	Data Scientist,Software Developer	Mon 25-07-14	Fri 25-07-25	
28			5.3	Test AI integration with existing systems	5 days	0%	Tue 25-07-29	Mon 25-08-04	27FS+1 day	Data Scientist,Software Developer	Tue 25-07-29	Mon 25-08-04	
29			5.4	Optimize system performance	10 days	0%	Wed 25-08-06	Tue 25-08-19	28FS+1 day	Data Scientist,Software Developer	Wed 25-08-06	Tue 25-08-19	
30			5.5	Obtain stakeholder approval for AI integration	15 days	0%	Thu 25-08-21	Wed 25-09-10	29FS+1 day	Data Scientist,Software Developer	Thu 25-08-21	Wed 25-09-10	
31			6	<b>AI testing and quality assurance</b>	<b>61 days</b>	<b>0%</b>	<b>Fri 25-09-12</b>	<b>Fri 25-12-05</b>			<b>Fri 25-09-12</b>	<b>Fri 25-12-05</b>	
32			6.1	Create AI test cases	10 days	0%	Fri 25-09-12	Thu 25-09-25	30FS+1 day	Data Scientist,QA Engineer,Training Specialist	Fri 25-09-12	Thu 25-09-25	
33			6.2	Run Functional tests on AI tools	15 days	0%	Mon 25-09-29	Fri 25-10-17	32FS+1 day	Data Scientist,QA Engineer,Training Specialist	Mon 25-09-29	Fri 25-10-17	
34			6.3	Identify bugs and issues	7 days	0%	Tue 25-10-21	Wed 25-10-29	33FS+1 day	Data Scientist,QA Engineer,Training Specialist	Tue 25-10-21	Wed 25-10-29	
35			6.4	Fix bugs and optimize AI tools	15 days	0%	Fri 25-10-31	Thu 25-11-20	34FS+1 day	Data Scientist,QA Engineer,Training Specialist	Fri 25-10-31	Thu 25-11-20	
36			6.5	Stakeholder review after QA testing	10 days	0%	Mon 25-11-24	Fri 25-12-05	35FS+1 day	Data Scientist,QA Engineer,Training Specialist	Mon 25-11-24	Fri 25-12-05	
37			7	<b>Staff training and client onboarding</b>	<b>59 days</b>	<b>0%</b>	<b>Tue 25-12-09</b>	<b>Fri 26-02-27</b>			<b>Tue 25-12-09</b>	<b>Fri 26-02-27</b>	
38			7.1	Develop training materials for AI use	15 days	0%	Tue 25-12-09	Mon 25-12-29	36FS+1 day	Market Analyst,Training Specialist	Tue 25-12-09	Mon 25-12-29	
39			7.2	Conduct training for staff	10 days	0%	Wed 25-12-31	Tue 26-01-13	38FS+1 day	Training Specialist	Wed 25-12-31	Tue 26-01-13	
40			7.3	Client onboarding sessions	5 days	0%	Thu 26-01-15	Wed 26-01-21	39FS+1 day	Training Specialist	Thu 26-01-15	Wed 26-01-21	
41			7.4	AI usage feedback from staff and client	10 days	0%	Fri 26-01-23	Thu 26-02-05	40FS+1 day	Market Analyst,Training Specialist	Fri 26-01-23	Thu 26-02-05	
42			7.5	Refine training materials based on feedback	15 days	0%	Mon 26-02-09	Fri 26-02-27	41FS+1 day	PM3(Shivank Giri),Training Specialist	Mon 26-02-09	Fri 26-02-27	
43			8	<b>Deployment of AI Features</b>	<b>45 days</b>	<b>0%</b>	<b>Tue 26-03-03</b>	<b>Mon 26-05-04</b>			<b>Tue 26-03-03</b>	<b>Mon 26-05-04</b>	
44			8.1	Deploy AI tools	10 days	0%	Tue 26-03-03	Mon 26-03-16	42FS+1 day	Data Scientist,Software Developer	Tue 26-03-03	Mon 26-03-16	

ID		Task Mode	WBS	Task Name	Duration	% Work Complete	Start	Finish	Predecessors	Resource Names	Baseline Start	Baseline Finish	
45			8.2	Monitor AI tool deployment	6 days	0%	Wed 26-03-18	Wed 26-03-25	44FS+1 day	Data Scientist,Software Developer	Wed 26-03-18	Wed 26-03-25	
46			8.3	Collect initial usage data	10 days	0%	Fri 26-03-27	Thu 26-04-09	45FS+1 day	Data Scientist,Software Developer	Fri 26-03-27	Thu 26-04-09	
47			8.4	Analyze deployment effectiveness	5 days	0%	Mon 26-04-13	Fri 26-04-17	46FS+1 day	Data Scientist,Software Developer	Mon 26-04-13	Fri 26-04-17	
48			8.5	Stakeholder Approval for Full Deployment	10 days	0%	Tue 26-04-21	Mon 26-05-04	47FS+1 day	Data Scientist,Software Developer	Tue 26-04-21	Mon 26-05-04	
49			9	<b>Monitor and Evaluation</b>	<b>59 days</b>	<b>0%</b>	<b>Wed 26-05-06</b>	<b>Mon 26-07-27</b>					<b>Wed 26-05-06 Mon 26-07-27</b>
50			9.1	Establish Monitoring Framework	15 days	0%	Wed 26-05-06	Tue 26-05-26	48FS+1 day	PM1(Yanish Shahi)	Wed 26-05-06	Tue 26-05-26	
51			9.2	Collect data on learning outcomes	10 days	0%	Thu 26-05-28	Wed 26-06-10	50FS+1 day	PM1(Yanish Shahi),PM2(Jasmeen Kaur)	Thu 26-05-28	Wed 26-06-10	
52			9.3	Conduct feedback sessions with users	5 days	0%	Fri 26-06-12	Thu 26-06-18	51FS+1 day	PM2(Jasmeen Kaur),PM3(Shivank Giri)	Fri 26-06-12	Thu 26-06-18	
53			9.4	Evaluate Ai tool performance	10 days	0%	Mon 26-06-22	Fri 26-07-03	52FS+1 day	PM3(Shivank Giri)	Mon 26-06-22	Fri 26-07-03	
54			9.5	Report findings to stakeholders	15 days	0%	Tue 26-07-07	Mon 26-07-27	53FS+1 day	PM2(Jasmeen Kaur)	Tue 26-07-07	Mon 26-07-27	
55			10	<b>Project closure and documentation</b>	<b>44 days</b>	<b>0%</b>	<b>Wed 26-07-29</b>	<b>Mon 26-09-28</b>					<b>Wed 26-07-29 Mon 26-09-28</b>
56			10.1	Compile project documentation	10 days	0%	Wed 26-07-29	Tue 26-08-11	54FS+1 day	PM1(Yanish Shahi)	Wed 26-07-29	Tue 26-08-11	
57			10.2	Conduct project review meeting	5 days	0%	Thu 26-08-13	Wed 26-08-19	56FS+1 day	PM2(Jasmeen Kaur)	Thu 26-08-13	Wed 26-08-19	
58			10.3	Prepare final project report	10 days	0%	Fri 26-08-21	Thu 26-09-03	57FS+1 day	PM3(Shivank Giri)	Fri 26-08-21	Thu 26-09-03	
59			10.4	Obtain sign-off from stakeholders	5 days	0%	Mon 26-09-07	Fri 26-09-11	58FS+1 day	PM3(Shivank Giri)	Mon 26-09-07	Fri 26-09-11	
60			10.5	Archive project materials	10 days	0%	Tue 26-09-15	Mon 26-09-28	59FS+1 day	PM2(Jasmeen Kaur)	Tue 26-09-15	Mon 26-09-28	

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## Client Project Implementation And Risk Analysis Artifact

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## Team 26 - Complete Risk Analysis

Risk I.D.	Risk Description	Pf	Cf	Overall Risk		Risk Response Strategy	Contingency Plans
				Factor(Rf)	Ranking		
R1	Potential delays or failures during the integration of AI tools into existing systems due to compatibility issues or lack of comprehensive integration testing	0.7	0.8	0.94	High	Mitigate: Conduct pre-integration testing and allocate a dedicated integration team.	<ul style="list-style-type: none"> <li>1. Set up a parallel shadow system to run alongside the primary system to catch integration issues in real-time.</li> <li>2. Hire integration experts on a contingency basis to provide immediate technical support if unexpected issues arise during deployment.</li> <li>3. Develop modular deployment packages that can be integrated independently to identify the specific module causing issues and limit disruption.</li> </ul>
R2	Resistance from stakeholders due to the perceived complexity of new AI features, leading to delays in decision-making or lack of buy-in	0.8	0.5	0.9	High	Mitigate: Engage stakeholders early through workshops to gain buy-in.	<ul style="list-style-type: none"> <li>1. Identify influential stakeholders within the organization and assign them as champions to promote the benefits of AI to their peers.</li> <li>2. Develop tailored demonstrations that specifically address stakeholder concerns and showcase how the AI features will directly benefit them.</li> <li>3. Allow stakeholders to actively participate in the pilot testing phase to build familiarity and reduce fear of the unknown.</li> </ul>
R3	Unauthorized access or breaches during the data processing phase could lead to data loss or exposure of sensitive client information	0.7	0.8	0.94	High	Transfer: Use secure third-party data processing services with proper liability coverage	<ul style="list-style-type: none"> <li>1. Create a dedicated incident response team ready to isolate compromised systems and protect remaining data during a breach.</li> <li>2. Ensure real-time data isolation protocols are set up to quarantine affected data segments in case of breaches, preventing wider contamination.</li> <li>3. Purchase and deploy enhanced monitoring and encryption tools specifically designed to manage the processing and security of sensitive data during incidents.</li> </ul>
R4	Users may resist adopting AI tools due to inadequate communication of benefits or lack of engagement, affecting utilization rates	0.7	0.7	0.91	High	Mitigate: Establish change champions within the organization to facilitate the adoption.	<ul style="list-style-type: none"> <li>1. Custom change management workshops.</li> <li>2. Assign peer mentors for early adopters.</li> <li>3. Host change-focused townhalls.</li> </ul>
R5	Data inaccuracies or incomplete data during the collection and validation phase may result in improper training of AI models	0.5	0.6	0.8	Medium	Mitigate: Implement automated data cleaning tools and conduct regular data audits.	<ul style="list-style-type: none"> <li>1. Initiate an emergency data cleaning exercise with team members dedicated solely to identifying and correcting data issues.</li> <li>2. Quickly procure a data verification tool to assess and validate the quality of data collected if issues are found.</li> <li>3. Arrange partnerships with third-party data providers who can supply high-quality data if internal data fails validation.</li> </ul>
R6	Existing systems may be outdated or incompatible with new AI tools, requiring additional customization	0.6	0.6	0.84	Medium	Avoid: Plan to use only compatible technologies and conduct compatibility checks.	<ul style="list-style-type: none"> <li>1. Create different integration adapters in case standard integration pathways do not work as expected, ensuring compatibility.</li> <li>2. Lease new hardware or software for temporary use if compatibility issues persist, to keep the project on track while permanent solutions are identified.</li> <li>3. Contract with the technology vendor to provide dedicated, on-site support for immediate troubleshooting of compatibility issues.</li> </ul>

R7	AI tools may fail to meet quality standards during testing due to insufficient test coverage or lack of scenario-specific testing	0.5	0.6	0.8	Medium	Mitigate: Run multiple rounds of quality assurance with different teams.	<ol style="list-style-type: none"> <li>1. Hire external QA consultants.</li> <li>2. Extend testing phase with contingency resources.</li> <li>3. Isolate defective components for iterative testing.</li> </ol>
R8	Insufficient resources (e.g., manpower or budget) allocated for the final project wrap-up, affecting successful project closure and documentation	0.5	0.5	0.75	Medium	Mitigate: Plan for additional resource allocation and include contingency budgets.	<ol style="list-style-type: none"> <li>1. Temporarily divert resources from non-critical ongoing projects to support project closure activities when existing resources are insufficient.</li> <li>2. Engage vendor-provided resources to assist with final project closure tasks, such as documentation, if internal teams are stretched thin.</li> <li>3. Employ interns or junior staff to handle the documentation process, freeing up experienced resources to focus on critical project closure tasks.</li> </ol>
R9	Delays in organizing and completing training sessions may result in staff not being adequately prepared to use the new AI tools	0.4	0.5	0.7	Low	Mitigate: Provide additional resources and flexible training sessions.	<ol style="list-style-type: none"> <li>1. Launch crash course training.</li> <li>2. Cross-train existing skilled personnel.</li> <li>3. Leverage virtual trainers.</li> </ol>
R10	Limited or ineffective feedback from users during onboarding may prevent necessary adjustments, affecting usability	0.4	0.5	0.7	Low	Mitigate: Schedule regular feedback sessions and provide incentives for detailed input.	<ol style="list-style-type: none"> <li>1. Incentivize in-depth feedback.</li> <li>2. Deploy real-time surveys during onboarding.</li> <li>3. Conduct one-on-one follow-ups.</li> </ol>

**Hyper Link**

**Overall Risk Factor (RF) = Pf + Cf - ( Pf × Cf )**

## Introduction

The integration of artificial intelligence (AI) into ACME Company's sales training programs involves significant opportunities for enhancing training quality and efficiency. However, it also presents several potential risks that must be effectively managed to ensure a successful implementation. This report focuses on the identification, assessment, and management of these risks, emphasizing their importance in maintaining program integrity, stakeholder confidence, and overall project success. A detailed risk analysis has been conducted to develop suitable response strategies and contingency plans to address the identified challenges. This comprehensive approach is essential to ensure that AI integration enhances training effectiveness while preserving the quality and standards expected by ACME and its stakeholders.

## Risk Description

1. **Potential delays or failures during the integration of AI tools (R1):** Integration of AI tools may face delays or failures due to compatibility issues or insufficient integration testing. This can significantly impact the implementation timeline.
2. **Resistance from stakeholders due to perceived complexity (R2):** Stakeholders may resist adopting the new AI features due to their perceived complexity, leading to delays in decision-making and potential lack of buy-in.
3. **Unauthorized access or breaches during data processing (R3):** There is a risk of unauthorized access or data breaches during the data processing phase, potentially exposing sensitive client information and damaging the company's reputation.
4. **Users may resist adopting AI tools (R4):** Users may be reluctant to adopt AI tools if the benefits are not effectively communicated, leading to lower utilization rates and suboptimal outcomes.
5. **Data inaccuracies or incomplete data during collection and validation (R5):** Inaccuracies or incomplete data during the collection and validation phase could lead to improper training of AI models, affecting the quality of the training programs.
6. **Existing systems may be outdated or incompatible (R6):** Existing systems may be outdated or incompatible with new AI tools, requiring additional customization to ensure successful integration.
7. **AI tools may fail to meet quality standards during testing (R7):** AI tools may fail to meet quality standards due to insufficient test coverage or lack of scenario-specific testing, resulting in unreliable training outcomes.
8. **Insufficient resources for project wrap-up (R8):** Lack of sufficient manpower or budget allocation for project wrap-up could affect successful project closure and documentation.

9. **Delays in organizing training sessions (R9):** Delays in organizing and completing training sessions may result in staff not being adequately prepared to use the new AI tools, impacting program effectiveness.
10. **Limited or ineffective feedback during onboarding (R10):** Ineffective feedback mechanisms during onboarding could prevent necessary adjustments, affecting the usability of AI tools.

## Risk Response Strategy

1. **Mitigate Compatibility Issues (R1):** Conduct pre-integration testing and allocate a dedicated integration team. Set up a parallel shadow system to identify issues in real-time and hire integration experts for support if needed.
2. **Mitigate Stakeholder Resistance (R2):** Engage stakeholders early through workshops to gain buy-in. Assign influential stakeholders as champions to promote AI benefits, and involve them in pilot testing to reduce resistance.
3. **Transfer Data Security Risks (R3):** Use secure third-party data processing services with liability coverage. Form an incident response team and deploy enhanced monitoring and encryption tools to secure sensitive data.
4. **Mitigate User Adoption Challenges (R4):** Establish change champions and conduct change management workshops. Assign peer mentors and host town halls to facilitate adoption and address concerns.
5. **Mitigate Data Inaccuracy (R5):** Implement automated data cleaning tools and conduct regular audits. Procure a data verification tool and partner with third-party data providers to ensure data quality.
6. **Avoid Compatibility Issues (R6):** Use only compatible technologies and conduct compatibility checks. Develop integration adapters and lease temporary hardware if necessary to ensure compatibility.
7. **Mitigate Quality Failures (R7):** Run multiple rounds of quality assurance with different teams. Hire external QA consultants and extend the testing phase to ensure AI tools meet quality standards.
8. **Mitigate Resource Shortages (R8):** Plan for additional resource allocation, divert resources from non-critical projects if needed, and engage vendor-provided resources or interns for project wrap-up activities.
9. **Mitigate Training Delays (R9):** Launch crash course training sessions and cross-train existing skilled personnel. Leverage virtual trainers to ensure timely staff readiness.

10. **Mitigate Feedback Issues (R10):** Schedule regular feedback sessions and provide incentives for detailed input. Deploy real-time surveys and conduct one-on-one follow-ups to gather actionable feedback.

## Contingency Plan

1. **Compatibility Issues (R1):** Run a shadow system in parallel to identify problems, and hire integration experts for immediate technical support. Use modular deployment packages to isolate problematic components.
2. **Stakeholder Resistance (R2):** Assign AI champions to promote benefits, provide tailored demonstrations, and actively involve stakeholders in pilot testing to alleviate resistance.
3. **Data Security Breaches (R3):** Form an incident response team, set up real-time data isolation protocols, and use enhanced monitoring tools to secure data during any breach.
4. **User Adoption Challenges (R4):** Conduct workshops, assign peer mentors, and organize town halls to ease the transition and address user concerns.
5. **Data Inaccuracy (R5):** Conduct an emergency data cleaning exercise, procure a data verification tool, and partner with third-party data providers to ensure data quality.
6. **Compatibility Issues (R6):** Develop integration adapters, lease temporary hardware, and contract vendor support to troubleshoot compatibility issues immediately.
7. **Quality Failures (R7):** Hire external QA consultants, extend the testing phase, and isolate defective components for iterative testing to meet quality standards.
8. **Resource Shortages (R8):** Divert resources from non-critical projects, engage vendor resources, or employ interns to support project wrap-up activities.
9. **Training Delays (R9):** Launch crash courses, cross-train personnel, and use virtual trainers to ensure timely training completion.
10. **Feedback Issues (R10):** Incentivize detailed feedback, deploy real-time surveys during onboarding, and conduct one-on-one follow-ups to gather comprehensive user input.

## Risk Scoring Schema

The risk scoring schema evaluates each risk based on its Probability Factor (Pf) and Consequence Factor (Cf). The Overall Risk Factor (Rf) is calculated using the formula:

$$Rf = Pf + Cf - (Pf \times Cf)$$

- **Probability Factor (Pf):** The likelihood of a risk occurring, rated on a scale from 0.1 (very low) to 1.0 (very high).
- **Consequence Factor (Cf):** The impact of the risk if it occurs, rated on a scale from 0.1 (very low) to 1.0 (very high).
- **Overall Risk Factor (Rf):** Represents the combined effect of probability and impact, helping prioritize risks for response planning.

Each risk is assigned a ranking of High, Medium, or Low based on its Rf value, which guides the selection of appropriate response strategies and contingency plans.

## Reference

*Project Management: Achieving Competitive Advantage, Jeffrey K. Pinto. Chapter 7*

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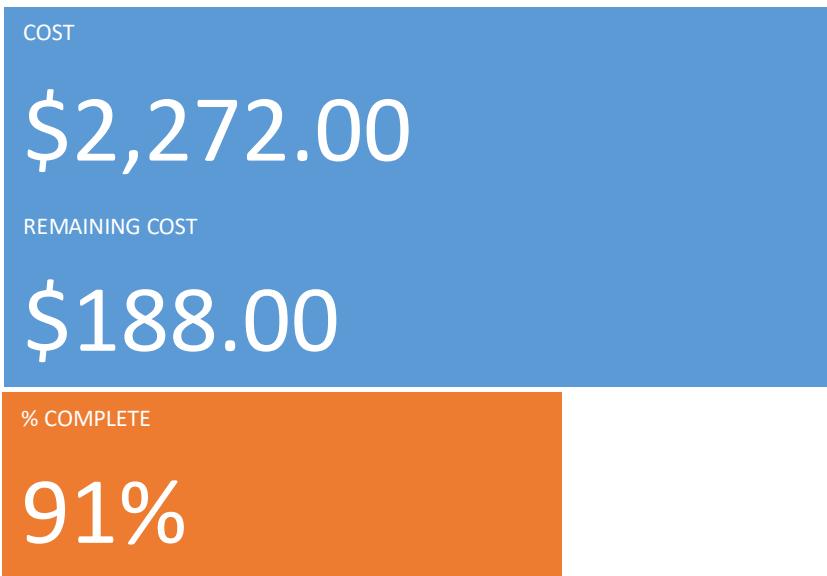
## Proposed Solution Budget And Consulting Engagement Cost To Date Artifact

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## Capstone Consulting Engagement Schedule

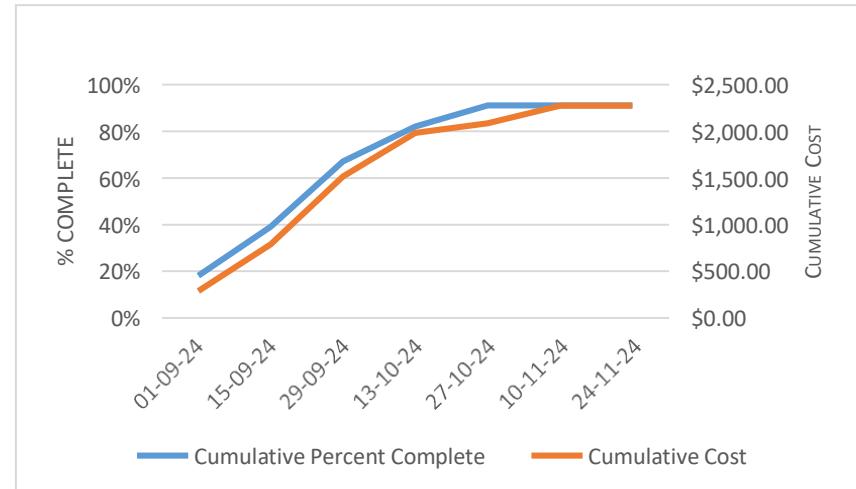
# COST OVERVIEW

WED 04-09-24 - SUN 24-11-24



## PROGRESS VERSUS COST

Progress made versus the cost spent over time. If % Complete line below the cumulative cost line, your project may be over budget.



## COST STATUS

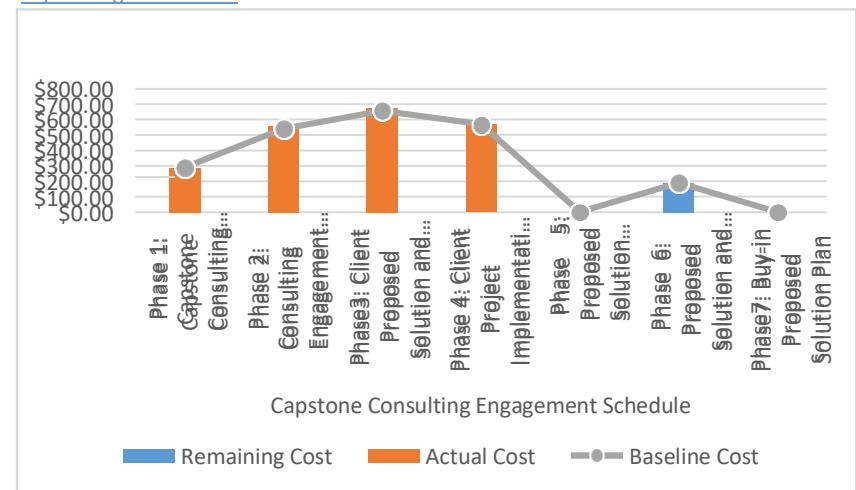
Cost status for all top-level tasks. Is your baseline zero?

[Try setting as baseline](#)

## COST STATUS

Cost status for top level tasks.

Name	Actual Cost	Remaining Cost	Baseline Cost	Cost	Cost Variance
Phase 1: Capstone Consulting Engagement Schedule	\$288.00	\$0.00	\$288.00	\$288.00	\$0.00
Phase 2: Consulting Engagement Scope Statement	\$556.00	\$0.00	\$540.00	\$556.00	\$16.00
Phase3: Client Proposed Solution and Implementation Schedule Artifact	\$672.00	\$0.00	\$656.00	\$672.00	\$16.00
Phase 4: Client Project	\$568.00	\$0.00	\$568.00	\$568.00	\$0.00



Implementation Risk Analysis Artifact					
Phase 5: Proposed Solution Budget and Consulting Engagement Cost to Date Artifact	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Phase 6: Proposed Solution and Implementation Portfolio Report	\$0.00	\$188.00	\$188.00	\$188.00	\$0.00
Phase7: Buy-in Proposed Solution Plan	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

# PROJECT OVERVIEW

WED 04-09-24 - SUN 24-11-24

% COMPLETE

91%

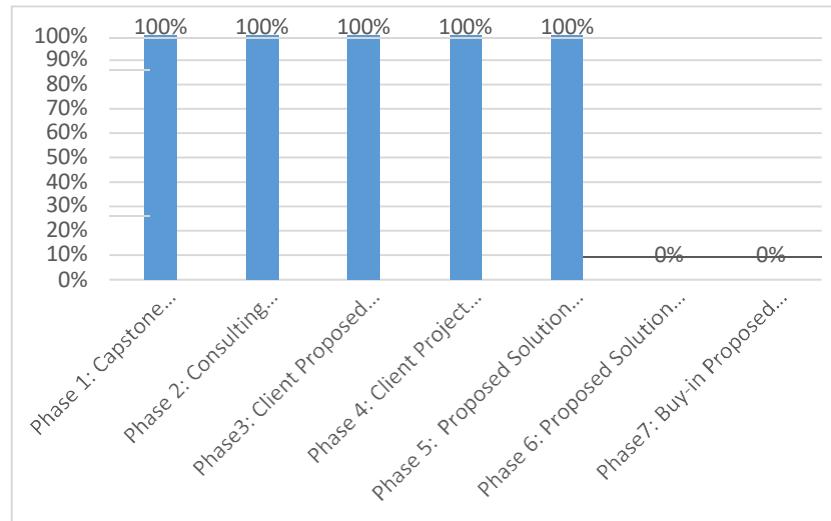
## MILESTONES DUE

Milestones that are coming soon.

Name	Finish
Develop Work Breakdown Structure(WBS)	Fri 13-09-24
Define Project Schedule	Fri 13-09-24
Allocate Budget and Resources	Fri 13-09-24
Conduct Weekly Status Updates	Thu 05-09-24
Monitor Task Progress and Resource Usage	Mon 09-09-24
Provide Weekly Reports	Wed 11-09-24
Final Deliverable Review	Fri 13-09-24
Obtain Formal Sign-Off	Fri 13-09-24
Post-Project Analysis and Documentation	Fri 13-09-24
Identify Business Goals	Sat 28-09-24
Define Success Criteria	Sat 28-09-24
Develop draft scope statement	Mon 16-09-24
Review scope with key stakeholders	Mon 16-09-24
Revise scope based on feedback	Wed 18-09-24
Obtain scope approval	Wed 18-09-24
List Project Constraints	Wed 25-09-24
Define Project Assumptions	Tue 24-09-24
Identify key stakeholders	Wed 25-09-24

## % COMPLETE

Status for all top-level tasks. To see the status for subtasks, click on the chart and update the outline level in the Field List.



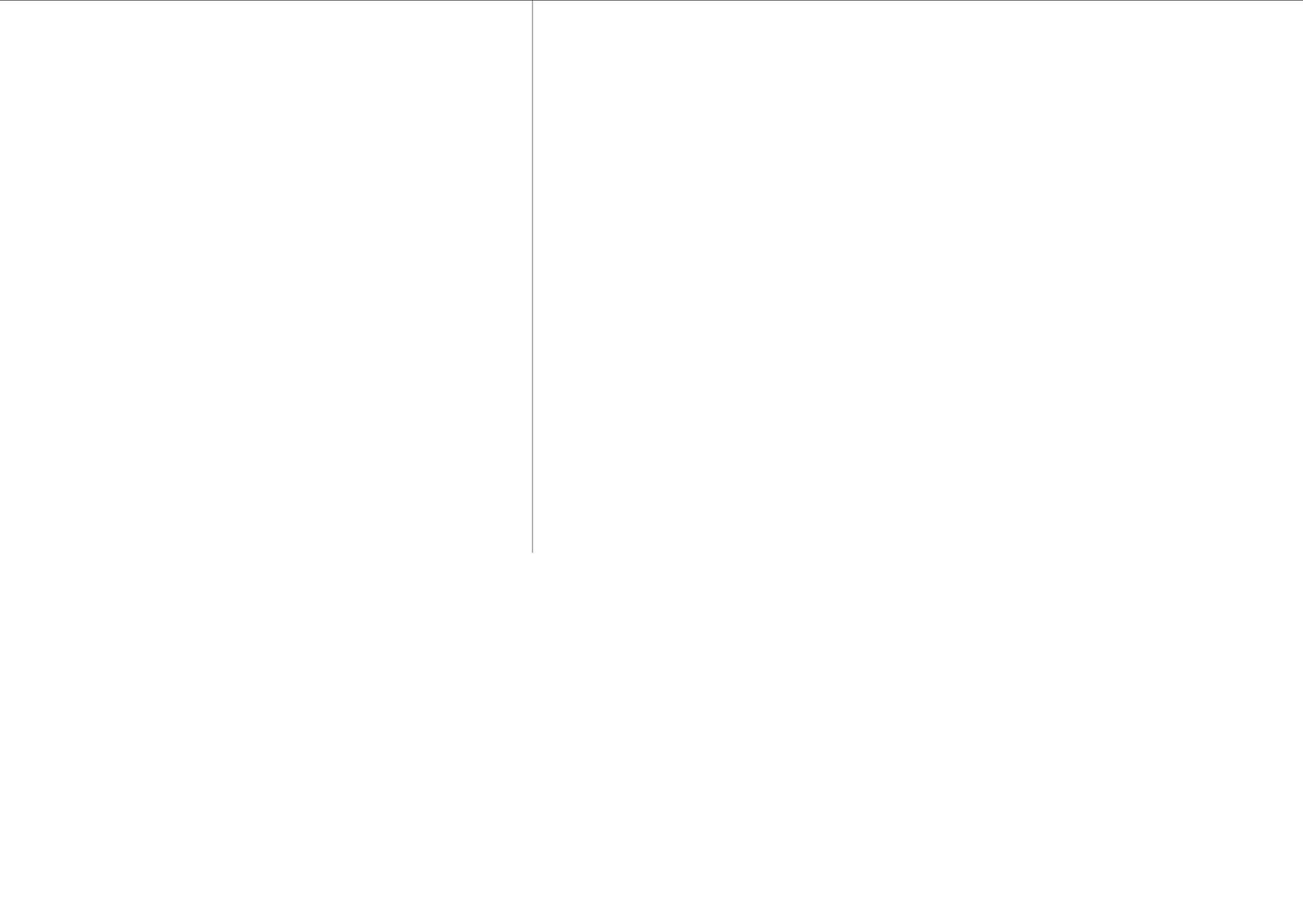
## LATE TASKS

Tasks that are past due.

Name	Start	Finish	Duration	% Complete	Resource Names
Phase 1: Capstone Consulting Engagement Schedule	Wed 04-09-24	Fri 13-09-24	8 days	100%	
Phase 2: Consulting Engagement Scope Statement	Sat 14-09-24	Tue 08-10-24	18 days	100%	
Phase3: Client Proposed Solution and Implementation Schedule Artifact	Mon 30-09-24	Fri 11-10-24	10 days	100%	
Phase 4: Client Project Implementation Risk Analysis Artifact	Mon 14-10-24	Fri 01-11-24	15 days	100%	
Phase 5: Proposed Solution Budget and Consulting Engagement Cost to Date Artifact	Sat 02-11-24	Fri 08-11-24	5 days	100%	

Conduct stakeholder interviews	Sat 28-09-24	Phase 6: Proposed Solution and Implementation Portfolio Report	Sat 09-11-24	Fri 15-11-24	5 days	0%
Document stakeholder expectations and concerns	Fri 27-09-24					
Review findings with project team	Sat 28-09-24					
Communicate Scope to the Team	Tue 08-10-24					
Solution Overview	Fri 11-10-24	Phase7: Buy-in Proposed Solution Plan	Tue 19-11-24	Sun 24-11-24	5 days	0%
Solution Components	Mon 07-10-24					
Implementation Strategy	Fri 11-10-24					
Develop Project Phases	Tue 08-10-24					
Detailed Task Scheduling	Wed 09-10-24					
Resource Allocation	Mon 07-10-24					
Risk Identification	Wed 09-10-24					
Develop Mitigation Strategies	Tue 08-10-24					
Compile Solution and Schedule Document	Thu 10-10-24					
Client Review and Feedback	Thu 10-10-24					
Obtain Client Approval	Fri 11-10-24					
Distribute Final Artifact	Fri 11-10-24					
Conduct Risk Brainstorming	Wed 16-10-24					
Review Historical Data	Wed 16-10-24					
Evaluate Risk Impact and Probability	Thu 17-10-24					
Prioritize Risks	Mon 21-10-24					
Create Mitigation Plans for High-Priority Risks	Wed 23-10-24					
Develop Contingency Plans	Mon 21-10-24					
Establish Risk Monitoring Procedures	Fri 25-10-24					
Implement Risk Response Actions	Thu 24-10-24					
Prepare Risk Analysis Report	Mon 28-10-24					
Update Risk Register	Wed 30-10-24					
Review Risk Analysis with Client	Fri 01-11-24					
Implement Approved Plans	Fri 01-11-24					
Deploy AI-enhanced modules across all programs	Mon 04-11-24					
Ensure all stakeholders are informed and trained	Mon 04-11-24					
Track the performance of AI-enhanced learning	Tue 05-11-24					

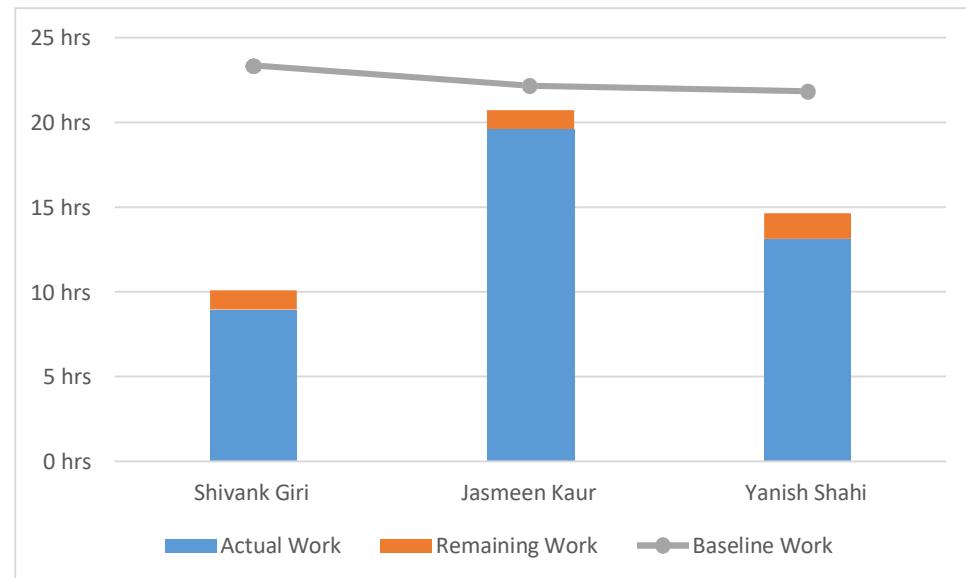
modules	
Evaluate the impact on learning quality and student performance	Wed 06-11-24
Report findings to stakeholders and adjust as needed	Fri 08-11-24
Make sure all project deliverables are completed	Mon 11-11-24
Examine deliverables in context with project goals	Mon 11-11-24
Explain the results and achievements of the project	Mon 11-11-24
Obtain feedback and agreement from relevant parties	Mon 11-11-24
Gather information for the project, such as reports and conclusions	Tue 12-11-24
Make sure that every project document is arranged and easily available	Tue 12-11-24
Transfer project assets and documentation to relevant parties	Wed 13-11-24
Make sure the project duties are transferred smoothly	Wed 13-11-24
Officially launch the completed project	Thu 14-11-24
Communicate project success to stakeholders	Fri 15-11-24
Phase7: Buy-in Proposed Solution Plan	Sun 24-11-24



# RESOURCE OVERVIEW

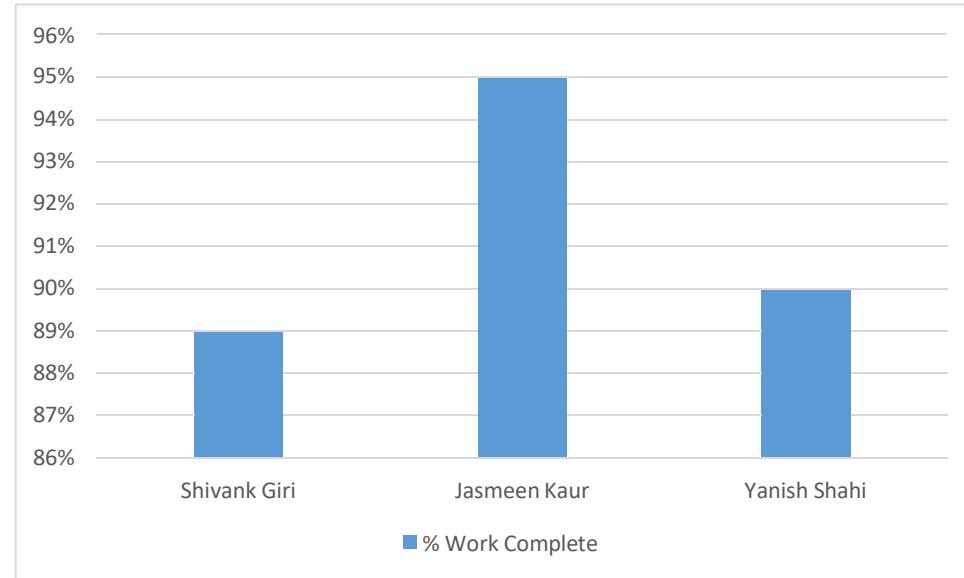
## RESOURCE STATS

Work status for all work resources.



## WORK STATUS

% work done by all the work resources.



## RESOURCE STATUS

Remaining work for all work resources.

Name	Start	Finish	Remaining Work
Shivank Giri	Wed 04-09-24	Fri 15-11-24	1.12 hrs
Jasmeen Kaur	Wed 04-09-24	Fri 15-11-24	1.12 hrs
Yanish Shahi	Wed 04-09-24	Fri 15-11-24	1.52 hrs

## **Client Proposed Solution And Implementation Schedule**

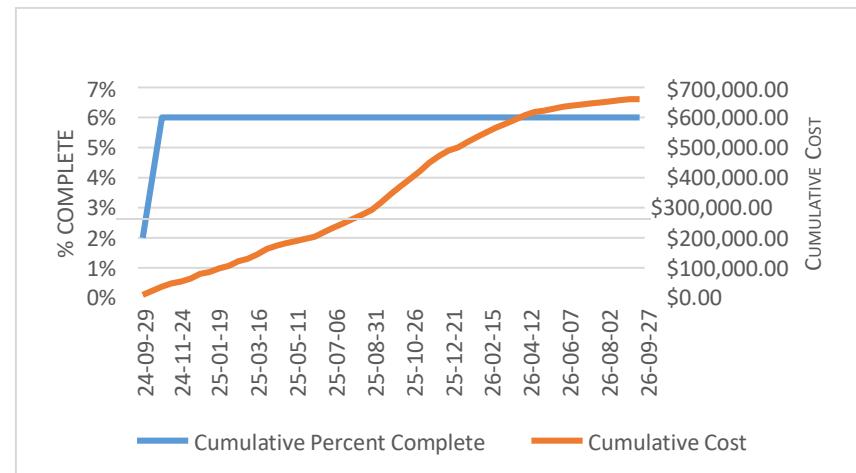
# COST OVERVIEW

WED 24-10-02 - MON 26-09-28



## PROGRESS VERSUS COST

Progress made versus the cost spent over time. If % Complete line below the cumulative cost line, your project may be over budget.



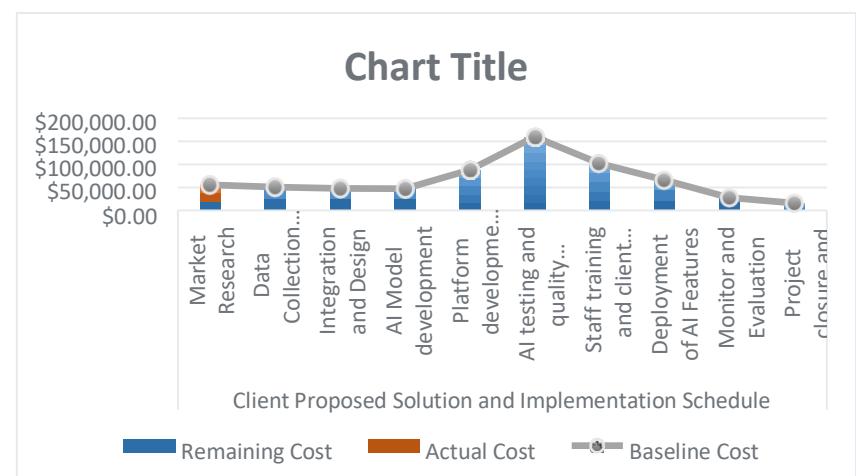
## COST STATUS

Cost status for all top-level tasks. Is your baseline zero?

[Try setting as baseline](#)

**COST STATUS**  
Cost status for top level tasks.

Name	Actual Cost	Remaining Cost	Baseline Cost	Cost	Cost Variance
Market Research	\$41,280.00	\$14,320.00	\$55,600.00	\$55,600.00	\$0.00
Data Collection and Validation	\$0.00	\$50,800.00	\$50,800.00	\$50,800.00	\$0.00
Integration and Design	\$0.00	\$48,000.00	\$48,000.00	\$48,000.00	\$0.00
AI Model development	\$0.00	\$47,200.00	\$47,200.00	\$47,200.00	\$0.00
Platform development and AI integration	\$0.00	\$88,000.00	\$88,000.00	\$88,000.00	\$0.00
AI testing and quality assurance	\$0.00	\$159,600.00	\$159,600.00	\$159,600.00	\$0.00



Staff training and client onboarding	\$0.00	\$102,000.00	\$102,000.00	\$102,000.00	\$0.00
Deployment of AI Features	\$0.00	\$65,600.00	\$65,600.00	\$65,600.00	\$0.00
Monitor and Evaluation	\$0.00	\$28,000.00	\$28,000.00	\$28,000.00	\$0.00
Project closure and documentation	\$0.00	\$16,000.00	\$16,000.00	\$16,000.00	\$0.00

# PROJECT OVERVIEW

WED 24-10-02 - MON 26-09-28

% COMPLETE

6%

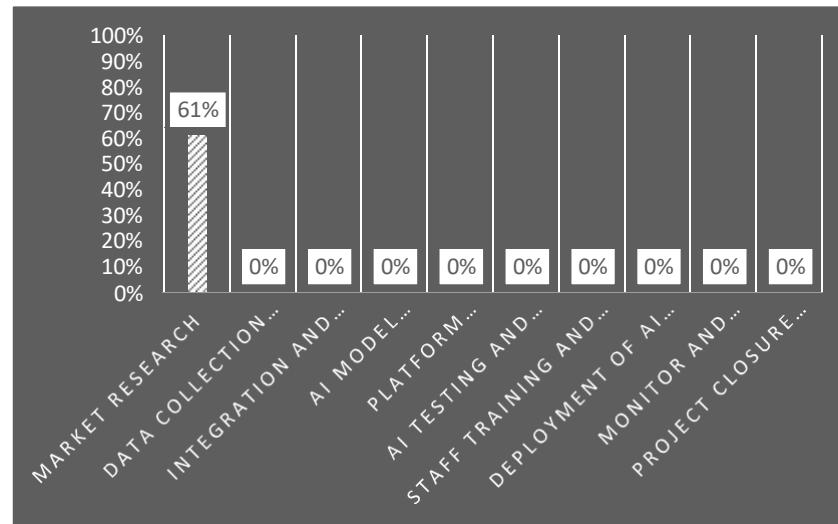
## MILESTONES DUE

Milestones that are coming soon.

Name	Finish
Research AI Tool for Learning Platforms	Tue 24-10-15
Analyze Competitor AI Solutions	Wed 24-11-06
Client Data Analysis for AI needs	Tue 24-11-19
Survey AI Market Trends in Education	Wed 24-11-27
Draft AI research report for stakeholders	Thu 24-12-12
Gather ACME's program data	Fri 25-01-03
Data cleaning and preparation	Tue 25-01-14
Validate data with key stakeholders	Wed 25-01-22
Select key data attributes for AI models	Thu 25-02-06
Document data collection and validation process	Fri 25-02-14
Design AI integration framework	Mon 25-03-03
Create user interface design for AI features	Tue 25-03-11
Develop data flow diagrams for AI tools	Wed 25-03-26
Stakeholder approval for AI integration design	Thu 25-04-03
Develop AI algorithms for personalized learning	Fri 25-04-18
Train AI Models with ACME's Data	Mon 25-05-12
Develop machine learning pipelines	Mon 25-05-19
Test AI Models in sandbox environment	Tue 25-06-03

## % COMPLETE

Status for all top-level tasks. To see the status for subtasks, click on the chart and update the outline level in the Field List.



## LATE TASKS

Tasks that are past due.

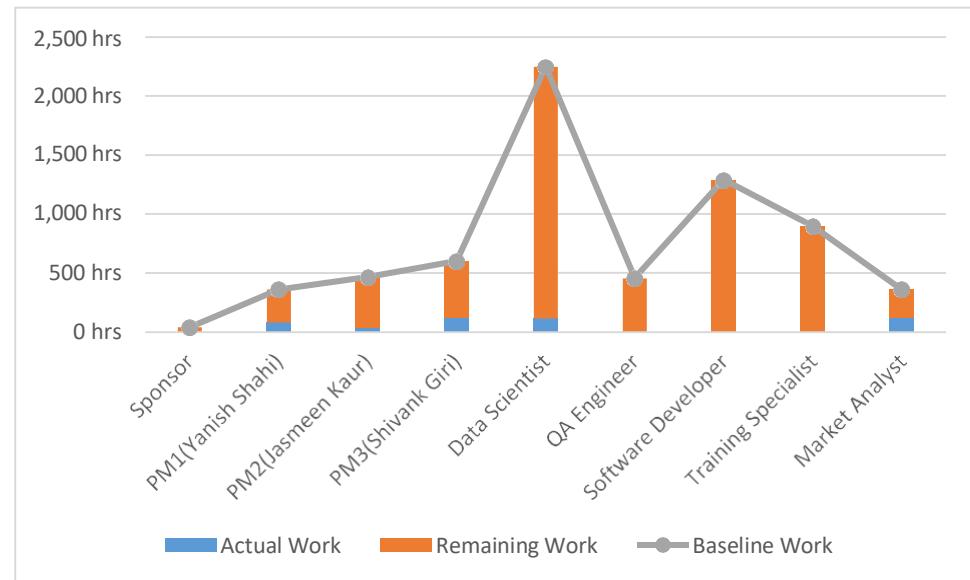
Name	Start	Finish	Duration	% Complete	Resource Names
Market Research	Wed 24-10-02	Thu 24-12-12	52 days	61%	
Data Collection and Validation	Mon 24-12-16	Fri 25-02-14	45 days	0%	
Integration and Design	Tue 25-02-18	Thu 25-04-03	33 days	0%	
AI Model development	Mon 25-04-07	Wed 25-06-18	53 days	0%	
Platform development and AI integration	Fri 25-06-20	Wed 25-09-10	59 days	0%	
AI testing and quality assurance	Fri 25-09-12	Fri 25-12-05	61 days	0%	
Staff training and client onboarding	Tue 25-12-09	Fri 26-02-27	59 days	0%	
Deployment of AI Features	Tue 26-03-03	Mon 26-05-04	45 days	0%	
Monitor and Evaluation	Wed 26-05-06	Mon 26-07-27	59 days	0%	

Optimize AI Models for scalability	Wed 25-06-18	Project closure and documentation	Wed 26-07-29	Mon 26-09-28	44 days	0%
Develop AI features in platform	Thu 25-07-10					
Configure systems for AI Integration	Fri 25-07-25					
Test AI integration with existing systems	Mon 25-08-04					
Optimize system performance	Tue 25-08-19					
Obtain stakeholder approval for AI integration	Wed 25-09-10					
Create AI test cases	Thu 25-09-25					
Run Functional tests on AI tools	Fri 25-10-17					
Identify bugs and issues	Wed 25-10-29					
Fix bugs and optimize AI tools	Thu 25-11-20					
Stakeholder review after QA testing	Fri 25-12-05					
Develop training materials for AI use	Mon 25-12-29					
Conduct training for staff	Tue 26-01-13					
Client onboarding sessions	Wed 26-01-21					
AI usage feedback from staff and client	Thu 26-02-05					
Refine training materials based on feedback	Fri 26-02-27					
Deploy AI tools	Mon 26-03-16					
Monitor AI tool deployment	Wed 26-03-25					
Collect initial usage data	Thu 26-04-09					
Analyze deployment effectiveness	Fri 26-04-17					
Stakeholder Approval for Full Deployment	Mon 26-05-04					
Establish Monitoring Framework	Tue 26-05-26					
Collect data on learning outcomes	Wed 26-06-10					
Conduct feedback sessions with users	Thu 26-06-18					
Evaluate Ai tool performance	Fri 26-07-03					
Report findings to stakeholders	Mon 26-07-27					
Compile project documentation	Tue 26-08-11					
Conduct project review meeting	Wed 26-08-19					
Prepare final project report	Thu 26-09-03					
Obtain sign-off from stakeholders	Fri 26-09-11					
Archive project materials	Mon 26-09-28					

# RESOURCE OVERVIEW

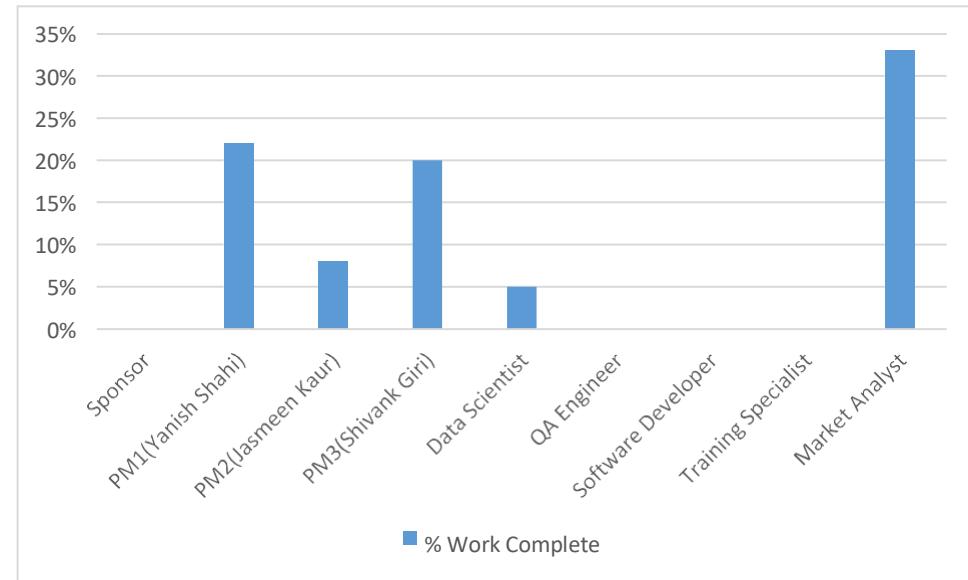
## RESOURCE STATS

Work status for all work resources.



## WORK STATUS

% work done by all the work resources.



## RESOURCE STATUS

Remaining work for all work resources.

Name	Start	Finish	Remaining Work
Sponsor	Fri 25-03-28	Thu 25-04-03	40 hrs
PM1(Yanish Shahi)	Wed 24-10-02	Tue 26-08-11	280 hrs
PM2(Jasmeen Kaur)	Fri 24-11-08	Mon 26-09-28	428.8 hrs
PM3(Shivank Giri)	Thu 24-10-17	Fri 26-09-11	480 hrs
Data Scientist	Wed 24-10-02	Mon 26-05-04	2,132.8 hrs
QA Engineer	Fri 25-09-12	Fri 25-12-05	456 hrs
Software Developer	Mon 24-12-16	Mon 26-05-04	1,288 hrs
Training Specialist	Fri 25-09-12	Fri 26-02-27	896 hrs
Market Analyst	Thu 24-10-17	Thu 26-02-05	240 hrs

## Conclusion

This portfolio outlines the strategic AI integration project for ACME Corporation to enhance sales training programs. It details our consulting engagement, objectives, and strategic solutions, aimed at improving training quality and efficiency.

The project enhances training for over 3,000 students across five campuses through personalized learning. A phased approach ensures meticulous planning and execution to meet ACME's needs.

The solution addresses stakeholder concerns while preserving content originality. Artifacts like the schedule, scope statement, and risk analysis ensure objectives are met.

Overall, this project enhances student learning and reassures stakeholders of ACME's quality, setting a precedent for future AI initiatives.

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Link To The Portfolio

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Portfolio