Task Information

ID	Name	Duration	Start	Finish	Predecessors	Resource Names
1	Fixed personnel throughout the	1,420 days	8/5/24 8:00 AM	1/11/30 5:00 PM		CEO Sponsor;Biologic Program
2	Externally sourced HR services	1,290 days?	1/31/25 5:00 PM	1/11/30 5:00 PM		HR Service
3	General materilas including bills	1,230 days?	1/31/25 5:00 PM	10/19/29 5:00 PM		General Materials[5]
4	Initiation and Planning	310 days	8/5/24 8:00 AM	10/10/25 5:00 PM		
5	Draft Management Plans	40 days	8/5/24 8:00 AM	9/27/24 5:00 PM		
6	Procurement plan	40 days	8/5/24 8:00 AM	9/27/24 5:00 PM		
7	Resource plan	40 days	8/5/24 8:00 AM	9/27/24 5:00 PM		
8	Price and cost plan	40 days	8/5/24 8:00 AM	9/27/24 5:00 PM		
9	Quality and risk plan	40 days	8/5/24 8:00 AM	9/27/24 5:00 PM		
10	Communication plan	40 days	8/5/24 8:00 AM	9/27/24 5:00 PM		
11	Team Development	90 days	9/30/24 8:00 AM	1/31/25 5:00 PM		
12	Recruit talented individuals	90 days	9/30/24 8:00 AM	1/31/25 5:00 PM	5	
13	HR service providers	90 days	9/30/24 8:00 AM	1/31/25 5:00 PM	5	
14	Drug and biomolecule library	90 days	9/30/24 8:00 AM	1/31/25 5:00 PM	5	
15	Preclinical and clinical service	90 days	9/30/24 8:00 AM	1/31/25 5:00 PM	5	
16	Strategic manufacturing partners	90 days	9/30/24 8:00 AM	1/31/25 5:00 PM	5	
17	Freedom to operate	180 days	2/3/25 8:00 AM	10/10/25 5:00 PM		
18	Research existing methods or	90 days	2/3/25 8:00 AM	6/6/25 5:00 PM	11	Sr. Mechanical Eng.[25%];
19	Perform an intellectual property	90 days	2/3/25 8:00 AM	6/6/25 5:00 PM	11	Biomedical Eng.[20%];Sr. Biology
20	Investigate the open-access drug	90 days	2/3/25 8:00 AM	6/6/25 5:00 PM	11	Biomedical Eng.[20%];Sr. Biology
21	Investigate spectral analysis	90 days	2/3/25 8:00 AM	6/6/25 5:00 PM	11	Biomedical Eng.[20%];Sr. Biology
22	Feasibility study including	90 days	6/9/25 8:00 AM	10/10/25 5:00 PM	21	Biomedical Eng.;Sr. Biology
23	Implementation	960 days	10/13/25 8:00 AM	6/15/29 5:00 PM		
24	AI-powered Biomolecule Analysis	840 days	10/13/25 8:00 AM	12/29/28 5:00 PM		
25	Spectroscopy and Sofware	750 days	10/13/25 8:00 AM	8/25/28 5:00 PM		
26	Select types of spectra and	120 days	10/13/25 8:00 AM	3/27/26 5:00 PM	22	Sr. Mechanical Eng.;Biomedical
27	Design spectral analysis	180 days	3/30/26 8:00 AM	12/4/26 5:00 PM	26	Biochemist Protein Analytics
28	Work with manufacturing partner	120 days	12/7/26 8:00 AM	5/21/27 5:00 PM	27	Biochemist Protein Analytics
29	Development of AI compatible	120 days	5/24/27 8:00 AM	11/5/27 5:00 PM	28	Biochemist Protein Analytics
30	Development of AI algorithms	120 days	11/8/27 8:00 AM	4/21/28 5:00 PM	29	Biochemist Protein Analytics

ID	Name	Duration	Start	Finish	Predecessors	Resource Names
31	Integrate AI with spectra analysis	90 days	4/24/28 8:00 AM	8/25/28 5:00 PM	30	Biochemist Protein Analytics
32	Perform initial testing with simple	90 days	8/28/28 8:00 AM	12/29/28 5:00 PM	31	Biochemist Protein Analytics
33	Test the integrated analysis	90 days	1/1/29 8:00 AM	5/4/29 5:00 PM	32	Biochemist Protein Analytics
34	Conduct Pilot testing with target	30 days	5/7/29 8:00 AM	6/15/29 5:00 PM	33	Biochemist Protein Analytics
35	AI-powered Drug Development	845 days	10/13/25 8:00 AM	1/5/29 5:00 PM		
36	Preliminary AI model training	270 days	10/13/25 8:00 AM	10/23/26 5:00 PM		
37	Use available biosimilar drug	270 days	10/13/25 8:00 AM	10/23/26 5:00 PM		
38	Develop AI model and algorithms	180 days	10/13/25 8:00 AM	6/19/26 5:00 PM	22	Bioinformatician[50%];
39	Examine the essential quality	90 days	6/22/26 8:00 AM	10/23/26 5:00 PM	38	Biochemist Protein Analytics
40	Establish web-based chat	90 days	10/26/26 8:00 AM	2/26/27 5:00 PM	39	Biochemist Protein Analytics
41	Develop open source models	365 days	3/1/27 8:00 AM	7/21/28 5:00 PM	40	Biochemist Protein Analytics
42	Develop proprietary models	120 days	7/24/28 8:00 AM	1/5/29 5:00 PM	41	Biochemist Protein Analytics
43	Work with external partner for	530 days	6/22/26 8:00 AM	6/30/28 5:00 PM	38	Preclinical studies[8]
44	Monitoring and Controlling	210 days	1/1/29 8:00 AM	10/19/29 5:00 PM		
45	Quality Assurance and Validation	120 days	1/1/29 8:00 AM	6/15/29 5:00 PM		
46	Determine and monitor the critical	120 days	1/1/29 8:00 AM	6/15/29 5:00 PM	32	Bioinformatician[15%];
47	Identify critical parameters	90 days	1/1/29 8:00 AM	5/4/29 5:00 PM	32	Bioinformatician[15%];
48	Conduct internal reviews and	90 days	1/1/29 8:00 AM	5/4/29 5:00 PM	32	Bioinformatician[15%];
49	Delivery of optimal conditions for	1 day	5/7/29 8:00 AM	5/7/29 5:00 PM	48	Bioinformatician[15%];
50	Development and Maintenance	90 days	6/18/29 8:00 AM	10/19/29 5:00 PM		
51	Identify post-deveployment	90 days	6/18/29 8:00 AM	10/19/29 5:00 PM	34	Sr. Data Eng. [14%];Sr. Biology
52	Deploy and document solutions	90 days	6/18/29 8:00 AM	10/19/29 5:00 PM	34	Biochemist Protein Analytics
53	Ongoing maintenance planning	90 days	6/18/29 8:00 AM	10/19/29 5:00 PM	34	Biochemist Protein Analytics
54	Prepare technical documentation	90 days	6/18/29 8:00 AM	10/19/29 5:00 PM	34	Biochemist Protein Analytics
55	Create user manuals	90 days	6/18/29 8:00 AM	10/19/29 5:00 PM	34	Biochemist Protein Analytics
56	Develop training materials and	90 days	6/18/29 8:00 AM	10/19/29 5:00 PM	34	Biochemist Protein Analytics
57	Provide support and	90 days	6/18/29 8:00 AM	10/19/29 5:00 PM	34	Biochemist Protein Analytics
58	Project Closure	40 days	11/19/29 8:00 AM	1/11/30 5:00 PM		
59	Review project outcomes	40 days	11/19/29 8:00 AM	1/11/30 5:00 PM	57	
60	Document lessons learned	40 days	11/19/29 8:00 AM	1/11/30 5:00 PM	57	
61	Close out project	40 days	11/19/29 8:00 AM	1/11/30 5:00 PM	57	