	Critic	Task Name	Resource Names	Duration	Start	Finish	Work	
1	**Yes**	**Checking False information by AI**		**282.5 days?**	**Mon 11/13/23 8:00 A**	**Wed 12/11/24 12:00**	**0 hrs**	
2	**No**	**Initiation of the Project**		**43 days**	**Mon 11/13/23 8:00 A**	**Wed 1/10/24 5:00 PM**	**0 hrs**	
3	No	Identification of the Stakeholders		21 days	Mon 11/13/23 8:00 A	Mon 12/11/23 5:00 Pl	0 hrs	
4	No	Project Charter Development		14 days	Thu 12/14/23 8:00 AM	Tue 1/2/24 5:00 PM	0 hrs	
5	No	Project Kickoff Meeting		1 day	Wed 1/10/24 8:00 AM	Wed 1/10/24 5:00 PM	0 hrs	
6	No	Project accepted		0 days	Wed 1/10/24 5:00 PM	Wed 1/10/24 5:00 PM	0 hrs	
7	**No**	**Requirement Collection**		**25 days**	**Thu 1/11/24 8:00 AM**	**Wed 2/14/24 5:00 PM**	**0 hrs**	
8	No	Interviewing stakeholders		2 wks	Thu 1/11/24 8:00 AM	Wed 1/24/24 5:00 PM	0 hrs	
9	No	Prototyping and document analysis		1 wk	Thu 1/18/24 8:00 AM	Wed 1/24/24 5:00 PM	0 hrs	
10	No	User Requirements		2 wks	Thu 1/25/24 8:00 AM	Wed 2/7/24 5:00 PM	0 hrs	
11	No	Functional Requirements		2 wks	Thu 2/1/24 8:00 AM	Wed 2/14/24 5:00 PM	0 hrs	
12	No	Completion of the Requirement		0 days	Wed 2/14/24 5:00 PM	Wed 2/14/24 5:00 PM	0 hrs	
13	**No**	**Database Requirements**		**44 days**	**Thu 2/15/24 8:00 AM**	**Tue 4/16/24 5:00 PM**	**0 hrs**	
14	No	Design Phase		10 days	Thu 2/15/24 8:00 AM	Wed 2/28/24 5:00 PM	0 hrs	
15	No	General Architecture		18 days	Tue 3/5/24 8:00 AM	Thu 3/28/24 5:00 PM	0 hrs	
16	No	Database MOdelling		1 wk	Tue 3/19/24 8:00 AM	Mon 3/25/24 5:00 PM	0 hrs	
17	No	User interface		1.5 wks	Wed 3/27/24 8:00 AM	Fri 4/5/24 12:00 PM	0 hrs	
18	No	Security Design		2 wks	Wed 4/3/24 8:00 AM	Tue 4/16/24 5:00 PM	0 hrs	
19	No	Approval database requirements		0 days	Tue 4/16/24 5:00 PM	Tue 4/16/24 5:00 PM	0 hrs	
20	**No**	**Procurement**		**75 days**	**Wed 4/17/24 8:00 AM**	**Tue 7/30/24 5:00 PM**	**0 hrs**	
21	No	Vendor Contracting		25 days	Wed 4/17/24 8:00 AM	Tue 5/21/24 5:00 PM	0 hrs	
22	No	Hardware and Software Procurement		15 days	Fri 5/24/24 8:00 AM	Thu 6/13/24 5:00 PM	0 hrs	
23	No	AI Models and Algorithms		19 days	Tue 6/18/24 8:00 AM	Fri 7/12/24 5:00 PM	0 hrs	
24	No	Data Procurement		10 days	Wed 7/17/24 8:00 AM	Tue 7/30/24 5:00 PM	0 hrs	
25	No	Procure Finalized		0 days	Tue 7/30/24 5:00 PM	Tue 7/30/24 5:00 PM	0 hrs	
26	**No**	**Development Phase**		**254 days**	**Mon 11/13/23 8:00 A**	**Thu 10/31/24 5:00 PM**	**0 hrs**	
27	**No**	**Hardware and Software installation**		**11 days**	**Wed 7/31/24 8:00 AM**	**Wed 8/14/24 5:00 PM**	**0 hrs**	
28	No	Establish Development environment for both front-end and back-end		1 wk	Wed 7/31/24 8:00 AM	Tue 8/6/24 5:00 PM	0 hrs	
29	No	Configuration of the servers and preparing the infrastructure		5 days	Thu 8/8/24 8:00 AM	Wed 8/14/24 5:00 PM	0 hrs	
30	**No**	**Front-End Development**		**24.5 days**	**Wed 8/7/24 8:00 AM**	**Tue 9/10/24 12:00 PM**	**0 hrs**	
31	No	Using modern framework Angular for enhanced interactivity		2 wks	Wed 8/7/24 8:00 AM	Tue 8/20/24 5:00 PM	0 hrs	

1/10

2/14

4/16

7/30
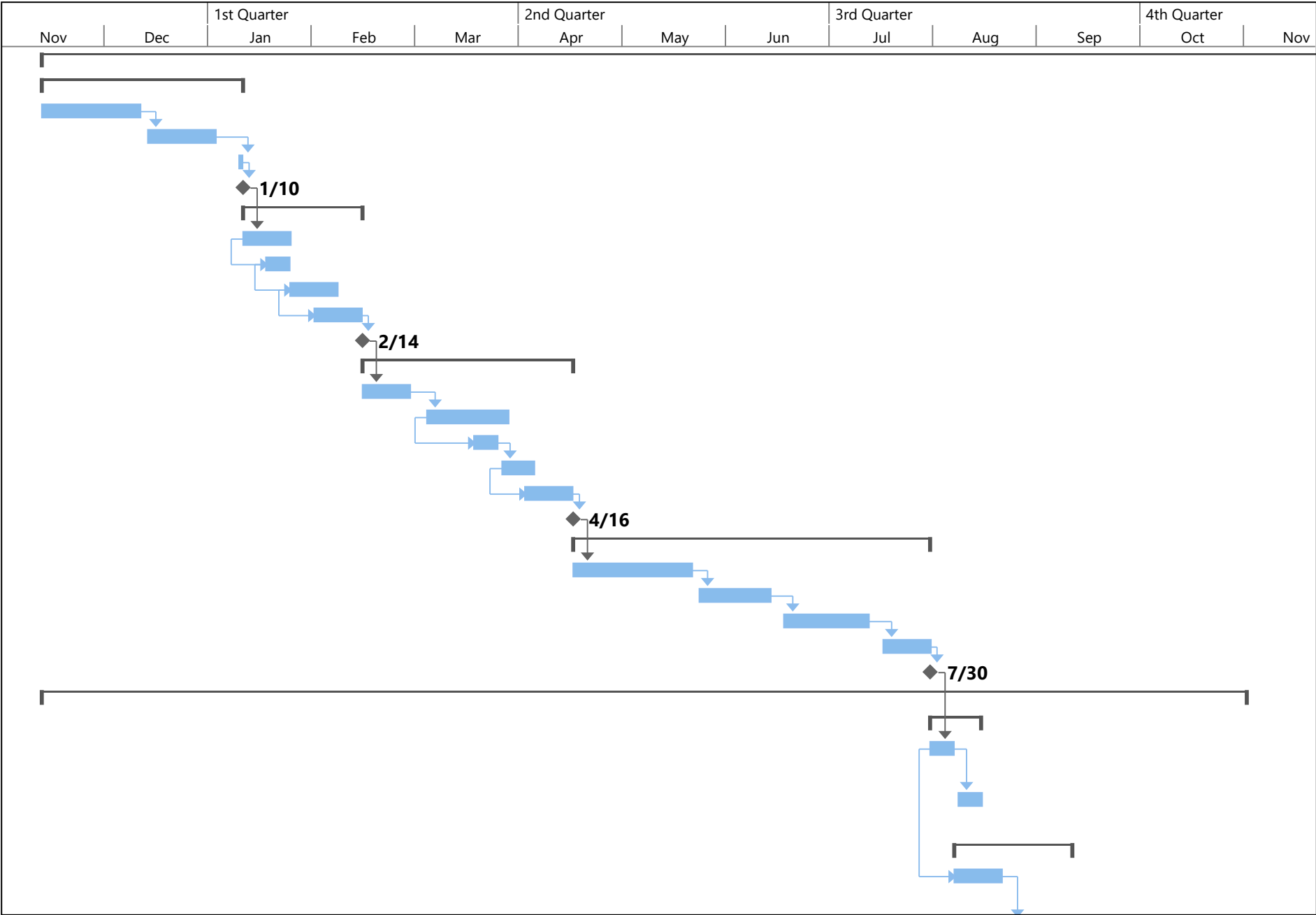
| Nov | Dec | 1st Quarter | | | 2nd Quarter | | | 3rd Quarter | | | 4th Quarter | |
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov

	Critic	Task Name	Resource Names	Duration	Start	Finish	Work
32	No	Establish Apache Kafka for real-time updates		2.5 wks	Fri 8/23/24 8:00 AM	Tue 9/10/24 12:00 PM	0 hrs
33	**No**	**Back-End Development**		**42.5 days**	**Tue 9/3/24 1:00 PM**	**Thu 10/31/24 5:00 PM**	**0 hrs**
34	No	Developing Server-Side Logic handles user authentication, authorization, and session management by Node.js		3 wks	Tue 9/3/24 1:00 PM	Tue 9/24/24 12:00 PM	0 hrs
35	No	API Endpoints developing RESTful for communication between frontend and backend		2.5 wks	Fri 9/27/24 1:00 PM	Tue 10/15/24 5:00 PM	0 hrs
36	No	User Authentication and Authorization		2 wks	Fri 10/18/24 8:00 AM	Thu 10/31/24 5:00 PM	0 hrs
37	**No**	**AI Development**		**241.5 days**	**Mon 11/13/23 8:00 A**	**Tue 10/15/24 12:00 P**	**0 hrs**
38	No	Using language of the Python for the development of the AI		4 wks	Tue 9/17/24 1:00 PM	Tue 10/15/24 12:00 P	0 hrs
39	No			0 days	Mon 11/13/23 8:00 A	Mon 11/13/23 8:00 A	0 hrs
40	**Yes**	**Database Development**		**10 days**	**Tue 9/3/24 1:00 PM**	**Tue 9/17/24 12:00 PM**	**0 hrs**
49	Yes	Finalization of the Development		0 days	Tue 9/17/24 12:00 PM	Tue 9/17/24 12:00 PM	0 hrs
50	**Yes**	**Testing Phase**		**43 days**	**Tue 9/17/24 1:00 PM**	**Fri 11/15/24 12:00 PM**	**0 hrs**
51	Yes	Unit Testing		1 wk	Tue 9/17/24 1:00 PM	Tue 9/24/24 12:00 PM	0 hrs
52	Yes	Integration Testing		2 wks	Thu 9/26/24 1:00 PM	Thu 10/10/24 12:00 P	0 hrs
53	Yes	Security Testing		2 wks	Tue 10/15/24 1:00 PM	Tue 10/29/24 12:00 P	0 hrs
54	No	Performance Testing		2 wks	Thu 10/31/24 1:00 PM	Thu 11/14/24 12:00 P	0 hrs
55	Yes	User Acceptance Testing		2 wks	Fri 11/1/24 1:00 PM	Fri 11/15/24 12:00 PM	0 hrs
56	Yes	Completion Testing Phase		0 days	Fri 11/15/24 12:00 PM	Fri 11/15/24 12:00 PM	0 hrs
57	**Yes**	**Launch**		**282.5 days?**	**Mon 11/13/23 8:00 A**	**Wed 12/11/24 12:00**	**0 hrs**
58	Yes	Finalization of the Documentations		2 wks	Fri 11/15/24 1:00 PM	Fri 11/29/24 12:00 PM	0 hrs
59	Yes	Quality of the assurance check		1 wk	Mon 12/2/24 1:00 PM	Mon 12/9/24 12:00 PM	0 hrs
60	Yes	Deployment Execution		1 day	Tue 12/10/24 1:00 PM	Wed 12/11/24 12:00 I	0 hrs
61	No	Supporting and Maintenance		1 day?	Mon 11/13/23 8:00 A	Mon 11/13/23 5:00 PI	0 hrs

	1st Quarter			2nd Quarter			3rd Quarter			4th Quarter		
Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov

◆ **11/13**

◆ **9/17**

1st Quarter			2nd Quarter			3rd Quarter			4th Quarter	
Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov

◆ 11/15

Task		Inactive Summary		External Tasks	
Split		Manual Task		External Milestone	
Milestone		Duration-only		Deadline	
Summary		Manual Summary Rollup		Progress	
Project Summary		Manual Summary		Manual Progress	
Inactive Task		Start-only		Critical Path	
Inactive Milestone		Finish-only			