









































ID		Task Mode	Task Name	Duration	Start	Finish	Predecessor	Resource Names
22			Design	14 days	Tue 9/16/25	Mon 10/6/25		
23			Design system architecture and backend structure	4 days	Tue 9/16/25	Mon 9/22/25	21	Muhammad (Analyst)
24			Create detailed API design for trading, news, and market data modules	5 days	Tue 9/16/25	Tue 9/23/25	21	Waqar (Dev)
25			Design database schema for storing user configurations and trade history	4 days	Tue 9/23/25	Mon 9/29/25	24	Waqar (Dev)
26			Develop wireframes for frontend UI/UX	2 days	Mon 9/29/25	Wed 10/1/25	25	Asad (QA), Muhammad (
27			Conduct design review and incorporate feedback	2 days	Wed 10/1/25	Fri 10/3/25	26	Muhammad (Dev)
28			Prepare final UI mockups and design approval	1 day	Fri 10/3/25	Mon 10/6/25	27	Management, Waqar (PM)
29			Design complete	0 days	Mon 10/6/25	Mon 10/6/25	28	
30			Development	34 days	Mon 10/6/25	Fri 11/21/25		
31			Frontend Development	20 days	Mon 10/6/25	Mon 11/3/25	29	
32			Set up frontend framework and environment (React/Next.js or similar)	2 days	Mon 10/6/25	Wed 10/8/25		
33			Implement responsive layouts and UI components	3 days	Wed 10/8/25	Mon 10/13/25	32	Muhammad (Dev)
34			Integrate Firebase Authentication and user session handling	3 days	Mon 10/13/25	Thu 10/16/25	33	Muhammad (Dev)
35			Develop watchlist feature for live market data	3 days	Thu 10/16/25	Tue 10/21/25	34	Muhammad (Dev)
36			Implement news feed interface for crypto updates	4 days	Tue 10/21/25	Mon 10/27/25	35	Muhammad (Dev)
37			Build configuration screens for trading bot parameters	4 days	Mon 10/27/25	Fri 10/31/25	36	Muhammad (Dev)
38			Perform UI testing and ensure cross-device compatibility	1 day	Fri 10/31/25	Mon 11/3/25	37	Muhammad (Dev)
39			Backend Development	34 days	Mon 10/6/25	Fri 11/21/25	29	
40			Set up Flask API and configure server environment	3 days	Mon 10/6/25	Thu 10/9/25		Waqar (Dev)
41			Implement MT5 connectivity and trading execution logic	3 days	Thu 10/9/25	Tue 10/14/25	40	Waqar (Dev)

ID		Task Mode	Task Name	Duration	Start	Finish	Predecessor	Resource Names
42			Develop endpoints for news retrieval and live market data	8 days	Tue 10/14/25	Fri 10/24/25	41	Waqar (Dev)
43			Create API for user bot configuration and parameter updates	8 days	Fri 10/24/25	Wed 11/5/25	42FS-75%	Waqar (Dev)
44			Implement logging and monitoring mechanisms	2 days	Wed 11/5/25	Fri 11/7/25	43	Waqar (Dev)
45			Conduct unit testing and debugging of backend modules	2 days	Fri 11/7/25	Tue 11/11/25	44	Waqar (Dev)
46			Integration with Frontend and APIs	4 days	Tue 11/11/25	Mon 11/17/25	38,45	
47			Initial Integration test for correctness	4 days	Mon 11/17/25	Fri 11/21/25	46	
48			Testing	66 days	Mon 10/6/25	Tue 1/6/26		
49			Develop unit test plans using product specifications	2 days	Mon 10/6/25	Wed 10/8/25	29	Asad (QA)
50			Develop integration test plans using product specifications	2 days	Mon 10/6/25	Thu 10/9/25	29	Asad (QA)
51			Unit Testing	16 days	Fri 11/21/25	Mon 12/15/25		
52			Review modular code for Flask APIs, trading logic functions, and data models.	5 days	Fri 11/21/25	Fri 11/28/25	49,45,47	Asad (QA)
53			Test each backend component (MT5 connection handler, news API, data fetcher, bot controller) against defined specifications.	2 days	Fri 11/28/25	Tue 12/2/25	45,52	Asad (QA)
54			Validate data consistency in trade execution, stop loss, and take profit calculations.	2 days	Tue 12/2/25	Thu 12/4/25	53	Asad (QA)
55			Identify functional anomalies or logic mismatches in trade decision-making or API responses.	2 days	Thu 12/4/25	Mon 12/8/25	54	Asad (QA)
56			Modify and debug faulty modules or logic errors.	3 days	Mon 12/8/25	Thu 12/11/25	55	Asad (QA)
57			Re-test modified backend modules until all unit tests pass successfully.	2 days	Thu 12/11/25	Mon 12/15/25	56	Asad (QA)
58			Unit testing complete.	0 days	Mon 12/15/25	Mon 12/15/25	57	Asad (QA)
59			Integration Testing	16 days	Mon 12/15/25	Tue 1/6/26		

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60		Test integration between frontend (React/Next.js) and backend Flask APIs.	5 days	Mon 12/15/25	Mon 12/22/25	58	Asad (QA)
61		Validate synchronization of live market data, user configurations, and MT5 trading operations.	2 days	Mon 12/22/25	Wed 12/24/25	60	Asad (QA)
62		Test real-time updates in the user interface for trade status and market data feed.	2 days	Wed 12/24/25	Fri 12/26/25	61	Asad (QA)
63		Identify integration anomalies (data delays, trade mismatch, or response errors).	2 days	Fri 12/26/25	Tue 12/30/25	62	Asad (QA)
64		Modify code or API interfaces to fix integration issues.	3 days	Tue 12/30/25	Fri 1/2/26	63	Asad (QA)
65		Re-test integrated system to ensure seamless end-to-end operation.	2 days	Fri 1/2/26	Tue 1/6/26	64	Asad (QA)
66		Integration testing complete.	0 days	Tue 1/6/26	Tue 1/6/26	65	
67		Training	12.5 days	Tue 1/6/26	Thu 1/22/26		
68		Develop training specifications for end users	3 days	Tue 1/6/26	Fri 1/9/26	66	Trainers
69		Identify training delivery methodology (computer based training, classroom, etc.)	2 days	Tue 1/6/26	Mon 1/12/26	66	Trainers
70		Develop training materials	2 days	Tue 1/13/26	Wed 1/14/26	68,45,69	Trainers
71		Conduct training usability study	4 days	Thu 1/15/26	Tue 1/20/26	70	Trainers
72		Develop training delivery mechanism	2 days	Wed 1/21/26	Thu 1/22/26	71	Trainers
73		Training materials complete	0 days	Thu 1/22/26	Thu 1/22/26	72	
74		Documentation	8 days	Tue 1/6/26	Fri 1/16/26		
75		Develop Help Specification	1 day	Thu 1/15/26	Fri 1/16/26	66	Technical Comm
76		Review Help documentation	3 days	Mon 1/12/26	Thu 1/15/26	66	Technical Comm
77		Review all user documentation	2 days	Tue 1/6/26	Thu 1/8/26	66	Technical Comm
78		Incorporate user documentation feedback	2 days	Thu 1/8/26	Mon 1/12/26	77	Technical Comm
79		Documentation complete	0 days	Mon 1/12/26	Mon 1/12/26	78	
80		Deployment	5 days	Mon 1/12/26	Mon 1/19/26		
81		Determine final deployment strategy	1 day	Mon 1/12/26	Tue 1/13/26	79	Asad (DevOps)
82		Develop deployment methodology	1 day	Tue 1/13/26	Wed 1/14/26	81	Asad (DevOps)

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83			Secure deployment resources	1 day	Wed 1/14/26	Thu 1/15/26	82	Asad (DevOps)
84			Train support staff	1 day	Thu 1/15/26	Fri 1/16/26	83	Asad (DevOps)
85			Deploy software	1 day	Fri 1/16/26	Mon 1/19/26	84	Asad (DevOps)
86			Deployment complete	0 days	Mon 1/19/26	Mon 1/19/26	85	
87			Post Implementation Review	3 days	Mon 1/19/26	Thu 1/22/26		
88			Document lessons learned	1 day	Mon 1/19/26	Tue 1/20/26	86	Waqar (PM)
89			Distribute to team members	1 day	Tue 1/20/26	Wed 1/21/26	88	Waqar (PM)
90			Create software maintenance team	1 day	Wed 1/21/26	Thu 1/22/26	89	Waqar (PM)
91			Post implementation review complete	0 days	Thu 1/22/26	Thu 1/22/26	90	
92			Software development template complete	0 days	Thu 1/22/26	Thu 1/22/26	91	