






















































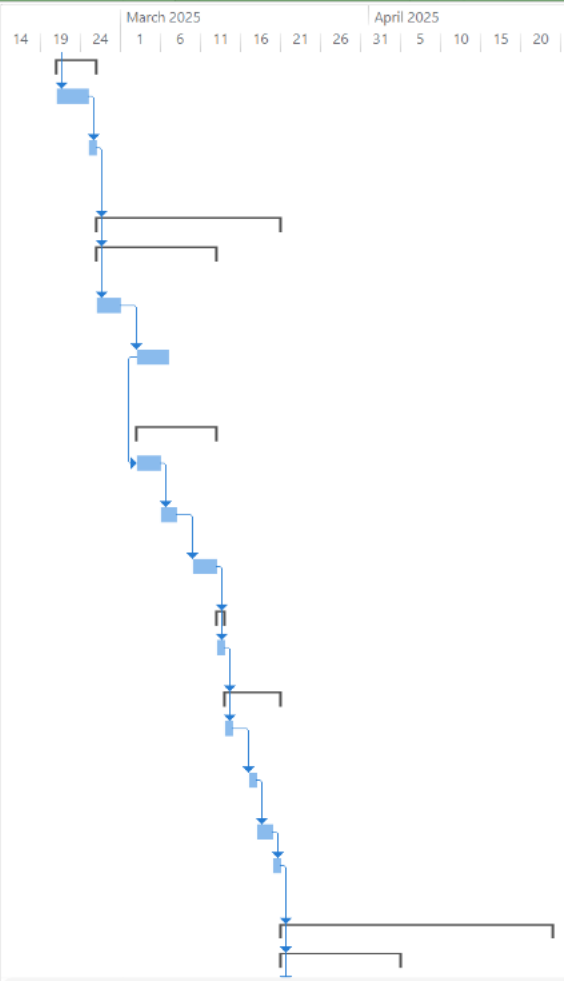






















	Task Mode	Task Name	Duration	Start	Finish	Jan 19, '25							Jan 26, '25							Feb 2, '25							Feb 9, '25						
						S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
51	🔗	2.2.2 Conduct Prototype Usability Testing	2 days	Tue 1/21/25	Wed 1/22/25																												
52	🔗	2.2.2.1 Establish criteria to measure ease of use, clarity, and flow.	1 day	Tue 1/21/25	Tue 1/21/25																												
53	🔗	2.2.2.3 Gather user feedback on usability, clarity, and flow.	1 day	Wed 1/22/25	Wed 1/22/25																												
54	🔗	2.2.3 Iterate Based on Testing Feedback	2 days	Thu 1/23/25	Fri 1/24/25																												
55	🔗	2.2.3.1 Identify key issues impacting usability and prioritize fixes.	1 day	Thu 1/23/25	Thu 1/23/25																												
56	🔗	2.2.3.2 Make adjustments based on the feedback provided during usability testing.	1 day	Fri 1/24/25	Fri 1/24/25																												
57	🔗	2.3 Refine Design Based on Feedback	12 days	Mon 1/27/25	Tue 2/11/25																												
58	🔗	2.3.1 Gather Feedback from Stakeholders	2 days	Mon 1/27/25	Tue 1/28/25																												
59	🔗	2.3.1.1 Meet with stakeholders to review the design and functionality.	1 day	Mon 1/27/25	Mon 1/27/25																												
60	🔗	2.3.1.3 Use feedback to identify critical areas for design changes	1 day	Tue 1/28/25	Tue 1/28/25																												
61	🔗	2.3.2 Adjust Visual and UX Design	3 days	Wed 1/29/25	Fri 1/31/25																												
62	🔗	2.3.2.1 Modify colors, fonts, and layouts to improve the design appeal.	1 day	Wed 1/29/25	Wed 1/29/25																												
63	🔗	2.3.2.1.1 Review stakeholder feedback on visual elements	1 day	Wed 1/29/25	Wed 1/29/25																												
64	🔗	2.3.2.2 Adjust Layout for Better Interaction Flow	2 days	Thu 1/30/25	Fri 1/31/25																												
65	🔗	2.3.2.2.1 Analyze user interaction flow across screens	1 day	Thu 1/30/25	Thu 1/30/25																												
66	🔗	2.3.2.2.2 Optimize layout on both mobile and desktop screens	1 day	Fri 1/31/25	Fri 1/31/25																												
67	🔗	2.3.3 Finalize Design	7 days	Mon 2/3/25	Tue 2/11/25																												
68	🔗	2.3.3.1 Compile All Design Assets	2 days	Mon 2/3/25	Tue 2/4/25																												
69	🔗	2.3.3.1.1 Gather finalized wireframes and mockups	2 days	Mon 2/3/25	Tue 2/4/25																												

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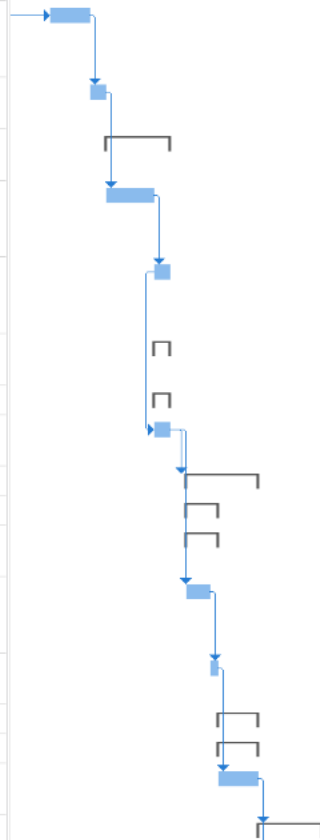
	<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div></div></div> <div>Task Mode</div>	Task Name	Duration	Start	Finish	February 2025							March 2025							April 2025							May 2025							
						30	4	9	14	19	24	1	6	11	16	21	26	31	5	10	15	20	25	30	5	10	15	20						
70			2.3.3.1.2 Collect all UI elements (buttons, icons, typography)	1 day	Mon 2/3/25	Mon 2/3/25																												
71			2.3.3.1.3 Organize assets into a centralized design file (e.g., Figma, Sketch)	1 day	Tue 2/4/25	Tue 2/4/25																												
72			2.3.3.2 Review Design Consistency Across Screens	2 days	Wed 2/5/25	Thu 2/6/25																												
73			2.3.3.2.1 Conduct a detailed comparison of designs across all app screens	2 days	Wed 2/5/25	Thu 2/6/25																												
74			2.3.3.3 Provide Finalized Design for Development	3 days	Fri 2/7/25	Tue 2/11/25																												
75			2.3.3.3.1 Create a clear, detailed document including all assets, interactions, and design specifications for developers.	2 days	Fri 2/7/25	Mon 2/10/25																												
76			Buffer Time	1 day	Tue 2/11/25	Tue 2/11/25																												
77			Project Execution Phase	72 days	Tue 2/11/25	Wed 5/21/25																												
78			3.0 Backend Development Phase	28 days	Tue 2/11/25	Thu 3/20/25																												
79			3.1 Choose a Cloud Platform	4 days	Tue 2/11/25	Fri 2/14/25																												
80			3.1.1 Evaluate Cloud Providers	2 days	Tue 2/11/25	Wed 2/12/25																												
81			3.1.1.1 Compare AWS, Azure, and Google Cloud based on cost, scalability, and features.	2 days	Tue 2/11/25	Wed 2/12/25																												
82			3.1.2 Select Cloud Storage and Database Options	2 days	Thu 2/13/25	Fri 2/14/25																												
83			3.1.2.1 Compare options like MySQL, PostgreSQL, MongoDB, or DynamoDB.	2 days	Thu 2/13/25	Fri 2/14/25																												
84			3.2 Implement User Authentication	7 days	Mon 2/17/25	Tue 2/25/25																												
85			3.2.1 Design User Authentication System	4 days	Mon 2/17/25	Thu 2/20/25																												
86			3.2.1.1 Outline login, logout, and password reset processes.	4 days	Mon 2/17/25	Thu 2/20/25																												

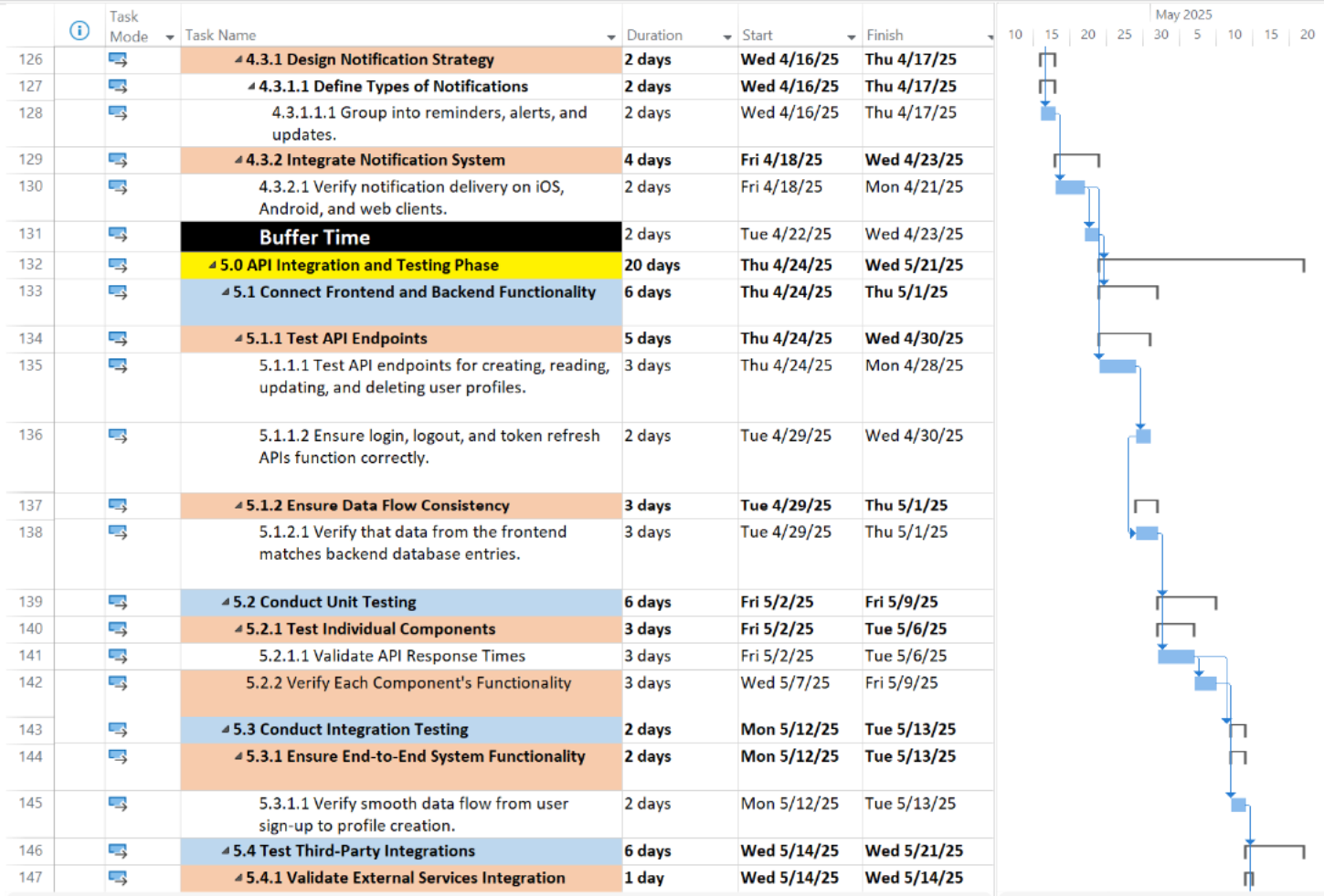
		Task Mode ▾	Task Name ▾	Duration ▾	Start ▾	Finish ▾
87			➤ 3.2.2 Integrate Auth or SSO	3 days	Fri 2/21/25	Tue 2/25/25
88			3.2.2.1 Collaborate with university IT for SSO integration details.	2 days	Fri 2/21/25	Mon 2/24/25
89			3.2.2.3 Verify login flows, user data security, and compatibility with the app.	1 day	Tue 2/25/25	Tue 2/25/25
90			➤ 3.3 Develop Core Features	17 days	Wed 2/26/25	Thu 3/20/25
91			➤ 3.3.1 Implement Key Backend Functionalities	11 days	Wed 2/26/25	Wed 3/12/25
92			3.3.1.1 Build APIs for CRUD operations on user profiles.	3 days	Wed 2/26/25	Fri 2/28/25
93			3.3.1.2 Create a system to match users based on interests, courses, and schedules.	4 days	Mon 3/3/25	Thu 3/6/25
94			➤ 3.3.1.3 Develop Messaging System	8 days	Mon 3/3/25	Wed 3/12/25
95			3.3.1.3.1 Use WebSocket or Firebase for real-time messaging.	3 days	Mon 3/3/25	Wed 3/5/25
96			3.3.1.3.2 Allow users to create and manage group chats.	2 days	Thu 3/6/25	Fri 3/7/25
97			3.3.1.3.3 Ensure all messages are end-to-end encrypted.	3 days	Mon 3/10/25	Wed 3/12/25
98			➤ 3.3.2 Ensure Data Security and Privacy	1 day	Thu 3/13/25	Thu 3/13/25
99			3.3.2.1 Encrypt sensitive data at rest and in transit.	1 day	Thu 3/13/25	Thu 3/13/25
100			➤ 3.3.3 Integrate Backend Services	5 days	Fri 3/14/25	Thu 3/20/25
101			3.3.3.1 Use Firebase Cloud Messaging for push notifications.	1 day	Fri 3/14/25	Fri 3/14/25
102			3.3.3.2 Enable calendar integration for study sessions.	1 day	Mon 3/17/25	Mon 3/17/25
103			Buffer Time	2 days	Tue 3/18/25	Wed 3/19/25
104			Project Checkpoint (Review and Adjustments)	1 day	Thu 3/20/25	Thu 3/20/25
105			➤ 4.0 Frontend Development Phase	24 days	Fri 3/21/25	Wed 4/23/25
106			➤ 4.1 Develop the User Interface	11 days	Fri 3/21/25	Fri 4/4/25

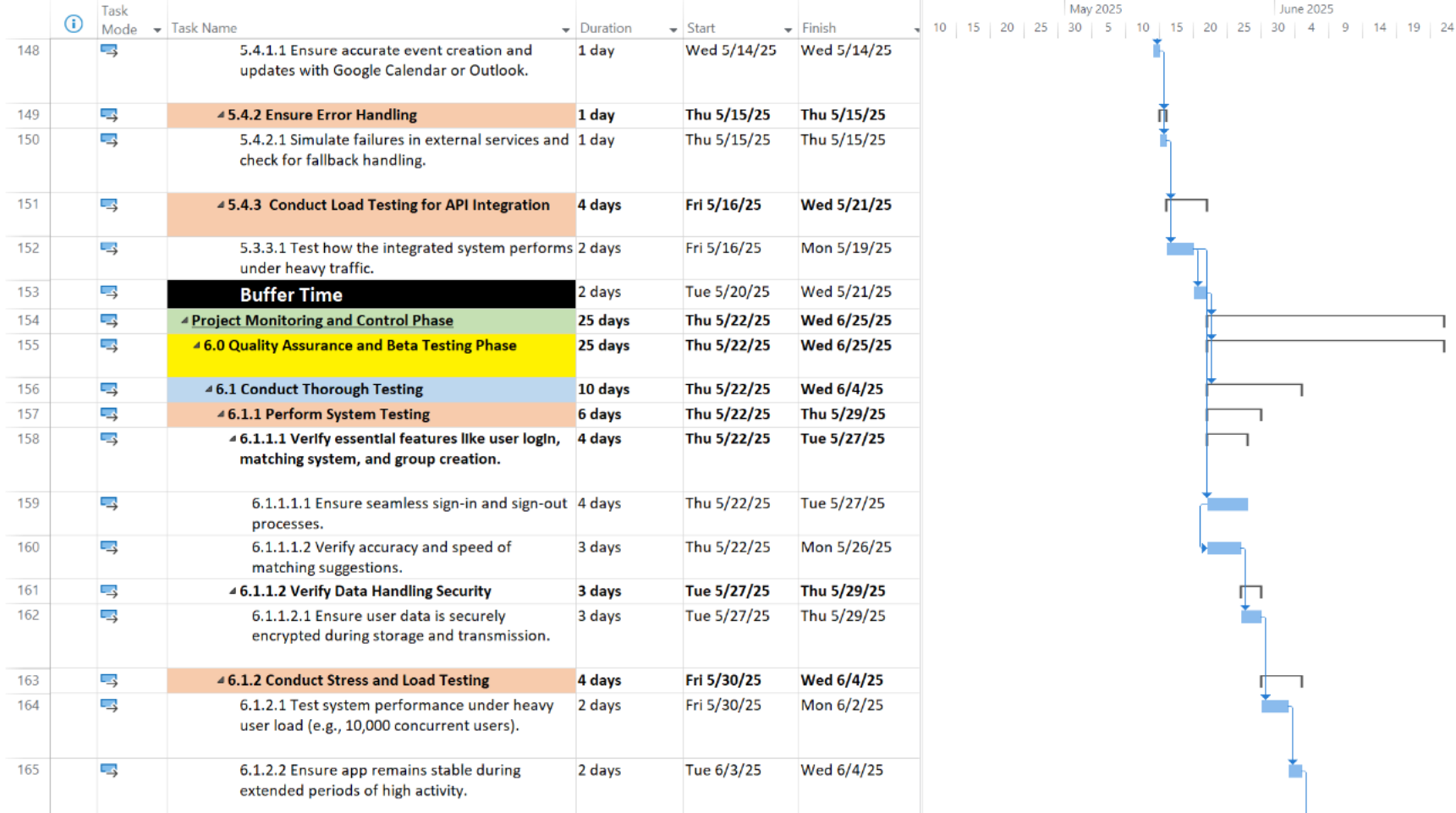


		Task Mode ▾	Task Name ▾	Duration ▾	Start ▾	Finish ▾	16	21	26	31	5	10	15	20
107			4.1.1 Create UI Components	11 days	Fri 3/21/25	Fri 4/4/25								
108			4.1.1.1 Create reusable components like buttons, headers, and footers.	5 days	Fri 3/21/25	Thu 3/27/25								
109			4.1.1.1.1 Standardize font sizes, colors, and spacing for UI elements.	3 days	Fri 3/21/25	Tue 3/25/25								
110			4.1.1.1.2 Ensure buttons display hover, press, and disabled states.	2 days	Wed 3/26/25	Thu 3/27/25								
111			4.1.1.2 Create Custom Components for Key Screens	6 days	Fri 3/28/25	Fri 4/4/25								
112			4.1.1.2.1 Build elements like navigation bars, featured study groups, and search bars.	4 days	Fri 3/28/25	Wed 4/2/25								
113			4.1.1.2.2 Include filters, recommendations, and peer profiles.	2 days	Thu 4/3/25	Fri 4/4/25								
114			4.1.2 Ensure Consistency Across Screens	2 days	Thu 4/3/25	Fri 4/4/25								
115			4.1.2.1 Develop Design System	2 days	Thu 4/3/25	Fri 4/4/25								
116			4.1.2.1.1 Define global styles for fonts, buttons, and cards.	2 days	Thu 4/3/25	Fri 4/4/25								
117			4.2 Integrate Third-Party Services	7 days	Mon 4/7/25	Tue 4/15/25								
118			4.2.1 Identify Required Third-Party APIs	4 days	Mon 4/7/25	Thu 4/10/25								
119			4.2.1.1 Research APIs for Scheduling Integration	4 days	Mon 4/7/25	Thu 4/10/25								
120			4.2.1.1.1 Evaluate ease of integration and feature availability.	3 days	Mon 4/7/25	Wed 4/9/25								
121			4.2.1.1.2 List data inputs/outputs needed for scheduling features.	1 day	Thu 4/10/25	Thu 4/10/25								
122			4.2.2 Integrate and Test APIs	3 days	Fri 4/11/25	Tue 4/15/25								
123			4.2.2.1 Connect Scheduling API	3 days	Fri 4/11/25	Tue 4/15/25								
124			4.2.2.1.1 Enable users to schedule study sessions through the app.	3 days	Fri 4/11/25	Tue 4/15/25								
125			4.3 Implement Push Notifications	6 days	Wed 4/16/25	Wed 4/23/25								

April 2025







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Task ID	Task Name	Duration	Start	Finish
166	6.2 Conduct Beta Testing	7 days	Thu 6/5/25	Fri 6/13/25
167	6.2.1 Select Beta Testers	2 days	Thu 6/5/25	Fri 6/6/25
168	6.2.1.1 Choose testers from various academic backgrounds and usage levels.	2 days	Thu 6/5/25	Fri 6/6/25
169	6.2.2 Collect Beta Testers' Feedback	5 days	Mon 6/9/25	Fri 6/13/25
170	6.2.2.1 Analyze interactions, feature usage, and navigation patterns.	3 days	Mon 6/9/25	Wed 6/11/25
171	6.2.2.2 Collect qualitative feedback on app usability and performance.	2 days	Thu 6/12/25	Fri 6/13/25
172	6.3 Incorporate Beta Testing Feedback	8 days	Mon 6/16/25	Wed 6/25/25
173	6.3.1 Identify and Implement Changes	8 days	Mon 6/16/25	Wed 6/25/25
174	6.3.1.1 Categorize issues into critical, high, medium, and low priority.	2 days	Mon 6/16/25	Tue 6/17/25
175	6.3.1.2 Fix issues that block core functionalities or cause crashes.	3 days	Wed 6/18/25	Fri 6/20/25
176	Project Checkpoint 2 (Review and Adjustments)	1 day	Mon 6/23/25	Mon 6/23/25
177	Buffer Time	2 days	Tue 6/24/25	Wed 6/25/25
178	Project Closeout	28 days	Thu 6/26/25	Mon 8/4/25
179	7.0 Deployment and Launch Phase	15 days	Thu 6/26/25	Wed 7/16/25
180	7.1 Deploy App to App Stores	4 days	Thu 6/26/25	Tue 7/1/25
181	7.1.1 Prepare App Store Listings	2 days	Thu 6/26/25	Fri 6/27/25
182	7.1.1.1 Write a concise and engaging app summary for stores.	2 days	Thu 6/26/25	Fri 6/27/25
183	7.1.2 Submit App for Approval	4 days	Thu 6/26/25	Tue 7/1/25
184	7.1.2.1 Ensure code meets store standards and is free of bugs.	4 days	Thu 6/26/25	Tue 7/1/25
185	7.2 Monitor User Interactions	8 days	Wed 7/2/25	Fri 7/11/25
186	7.2.1 Collect Usage Data	5 days	Wed 7/2/25	Tue 7/8/25
187	7.2.1.1 Integrate tools like Google Analytics or Firebase for real-time tracking.	5 days	Wed 7/2/25	Tue 7/8/25

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