Time and Scope

Task	Time Estimate (Hours)	Start Date	End Date
Project Planning	40	Oct 1, 2024	Oct 5, 2024
- Define project scope and objectives	8	Oct 1, 2024	Oct 1, 2024
- Identify key stakeholders and roles	8	Oct 2, 2024	Oct 2, 2024
- Develop project timeline and milestones	12	0ct 3, 2024	Oct 4, 2024
- Establish communication protocols	12	Oct 4, 2024	Oct 5, 2024
Market Research	80	Oct 6, 2024	Oct 15, 2024
- Identify target user demographics	20	Oct 6, 2024	Oct 8, 2024
- Analyze competitor offerings	20	Oct 9, 2024	Oct 11, 2024
- Gather data on social media trends	20	Oct 12, 2024	Oct 13, 2024
- Conduct user surveys/interviews	20	Oct 14, 2024	Oct 15, 2024
Technical Study	60	Oct 16, 2024	Oct 22, 2024
- Evaluate social media APIs	15	Oct 16, 2024	Oct 17, 2024
- Determine data requirements	15	Oct 18, 2024	Oct 19, 2024
- Assess compliance needs	15	Oct 20, 2024	Oct 21, 2024
- Develop technical architecture plan	15	Oct 21, 2024	Oct 22, 2024
Design	90	Oct 23, 2024	Nov 11, 2024
- Create wireframes and mockups	30	Oct 23, 2024	Oct 29, 2024
- Develop UX design strategy	30	Oct 30, 2024	Nov 4, 2024

- Define visual design (UI)	30	Nov 5, 2024	Nov 8, 2024
- Validate design with users	30	Nov 9, 2024	Nov 11, 2024
Development	480	Nov 12, 2024	Jan 30, 2025
- Develop frontend interSet up development environment	40	Nov 12, 2024	Nov 19, 2024
- Develop frontend inter face	160	Nov 20, 2024	Dec 17, 2024
- Backend integration with APIs	160	Dec 18, 2024	Jan 20, 2025
- Data storage and retrieval	120	Jan 21, 2025	Jan 30, 2025
Testing	100	Jan 31, 2025	Feb 14, 2025
- Develop test cases	25	Jan 31, 2025	Feb 5, 2025
- Execute integration tests	50	Feb 4, 2024	Feb 10, 2025
- Troubleshoot issues	15	Feb 11, 2025	Feb 12, 2025
- Validate data consistency	10	Feb 13, 2025	Feb 14, 2025
User Acceptance Testing	80	Feb 15, 2025	Feb 24, 2025
- Develop UAT plan	20	Feb 15, 2025	Feb 16, 2025
- Conduct UAT sessions	40	Feb 17, 2025	Feb 20, 2025
- Gather UAT feedback	10	Feb 21, 2025	Feb 21, 2025
- Refine app	10	Feb 22, 2025	Fed 24, 2025
Launch Prep	40	Feb 25, 2025	Mar 1, 2025
- Develop marketing materials	10	Feb 25, 2025	Feb 25, 2025
- Prepare app store submissions	10	Feb 26, 2025	Feb 26, 2025

- Train support staff	10	Feb 27, 2025	Feb 27, 2025
- Set up analytics tools	10	Feb 28, 2025	Mar 1, 2025
Launch and Post Launch Support	40	Mar 2, 2025	Mar 6, 2025
- Execute launch plan	10	Mar 2, 2025	Mar 2, 2025
- Monitor app performance	10	Mar 3, 2025	Mar 3, 2025
- Provide technical support	10	Mar 4, 2025	Mar 4, 2025
- Implement fixes based on feedback	10	Mar 5, 2025	Mar 6, 2025

Task	Labor Per Hour	Hours	Total Labor Cost
Project Planning	50	40	2,000
Research	50	80	4,000
Technical Study	50	60	3,000
Design	50	120	6,000
Development	50	480	24,000
Testing	50	100	5,000
User Acceptance Testing	50	80	4,000
Launch Prep	50	40	2,000
Launch and Post Launch Support	50	40	2,000

Total Labor Costs: $52,000

Non-Labor Costs: $15,000

Total Cost Before Reserve: $67,000

Contingency: $10,050

Final Total Cost: $77,050