







ID		Task Name	Resource Names	Duration	Start
0		<b>New Product Plan</b>		<b>154.2 wks</b>	<b>Mon 8/03/20</b>
1		<b>Initial New Product Screening Stage</b>		<b>1.8 wks</b>	<b>Mon 8/03/20</b>
2		<i>New product opportunity identified</i>	<i>Management,Product Engineering</i>	<i>0 wks</i>	<i>Mon 8/03/20</i>
3		Describe new product idea (1-page written disclosure)	Product Engineering	0.4 wks	Mon 8/03/20
4		Gather information required for go/no-go decision	Product Engineering	1.2 wks	Wed 8/05/20
5		Convene opportunity of screening committee (decision to pursue idea or not)	Product Engineering	0.2 wks	Thu 8/13/20
6		<i>Decision point - go/no-go to preliminary investigation</i>	<i>Management,Product Engineering</i>	<i>0 wks</i>	<i>Thu 8/13/20</i>
7		<b>Preliminary Investigation Stage</b>		<b>11.6 wks</b>	<b>Fri 8/14/20</b>
8		Assign resources to preliminary investigation	Management	0.2 wks	Fri 8/14/20
9		Develop preliminary investigation plan	Product Engineering,Project Manage	1 wk	Mon 8/17/20
10		Evaluate the market	Marketing	2 wks	Mon 8/17/20
11		Analyze the competition	Marketing	1 wk	Mon 8/17/20
12		<b>Technical Feasibility Analysis</b>		<b>4 wks</b>	<b>Mon 8/31/20</b>
13		Produce lab scale product	Product Engineering	2 wks	Mon 8/31/20
14		Evaluate internal product	Product Engineering	1 wk	Mon 9/14/20
15		Identify production process steps required for manufacture	Process Engineer	1 wk	Mon 9/21/20
16		Assess manufacturing capabilities	Product Engineering,Manufacturing Engineer	2 wks	Mon 9/28/20
17		Determine safety issues	Safety	2 wks	Mon 9/28/20
18		Determine environmental issues	Product Engineering,Legal	2 wks	Mon 9/28/20
19		Review legal issues	Legal,Project Manager	2 wks	Mon 9/28/20
20		Perform financial evaluation	Accounting	2 wks	Mon 10/12/20
21		Develop risk analysis	Product Engineering,Project Manage	1 wk	Mon 10/26/20
22		Draft initial development stage plan	Product Engineering	2 wks	Mon 10/12/20
23		Conduct preliminary stage review decision	Management,Product Engineering,Project Manager	0.4 wks	Mon 11/02/20

Project: New Product Plan

Date: 9/7/2025 10:12 PM

Task

External Tasks

Manual Task

Finish-only

Split

External Milestone

Duration-only

Progress

Milestone

Inactive Task

Summary Rollup

Deadline

Summary













Inactive Milestone

Manual Summary

Project Summary

Inactive Summary

Start-only

ID		Task Name	Resource Names	Duration	Start
24		<i>Decision point - go/no-go to development stage</i>	<i>Management,Project Manager</i>	<i>0 wks</i>	<i>Tue 11/03/20</i>
25		<b>Development Stage</b>		<b>52.8 wks</b>	<b>Wed 11/04/20</b>
26		Assign resources to development stage plan	Management,Project Manager	0.2 wks	Wed 11/04/20
27		<b>Market Evaluation</b>		<b>8 wks</b>	<b>Thu 11/05/20</b>
28		Gather market information	Product Engineering,Marketing	3 wks	Thu 11/05/20
29		Identify and contact customer sample group	Marketing	1 wk	Thu 11/26/20
30		Perform competitor analysis	Marketing	3 wks	Thu 11/26/20
31		Redefine product requirements	Product Engineering	2 wks	Thu 12/17/20
32		<b>Technical Product Evaluation</b>		<b>40.8 wks</b>	<b>Thu 11/05/20</b>
33		Establish product characteristics (performance criteria)	Product Engineering	0.4 wks	Thu 11/05/20
34		Develop prototype process	Product Engineering	2 wks	Mon 11/09/20
35		Produce prototype product	Product Engineering	5 wks	Mon 11/23/20
36		Conduct internal product review	Management,Product Engineering	1 wk	Mon 12/28/20
37		Document patent application process	Product Engineering	2 wks	Mon 11/09/20
38		Conduct marketing/technical review	Marketing,Product Engineering	18.4 wks	Mon 1/04/21
39		Redesign process (if necessary)	Product Engineering,Process Engineer	2 wks	Wed 5/12/21
40		Modify prototype process	Process Engineer	3 wks	Wed 5/26/21
41		Develop plan for customer product testing	Project Manager	1 wk	Wed 6/16/21
42		Produce product for customer evaluation	Product Engineering,Marketing,Project Manager	5 wks	Wed 6/16/21
43		Conduct preliminary manufacturing process review	Process Engineer,Manufacturing Engineer	2 wks	Wed 7/21/21
44		Conduct customer evaluations of prototype product	Product Engineering,Project Manager, Customer	4 wks	Wed 7/21/21
45		<b>Concept Evaluation</b>		<b>11.4 wks</b>	<b>Wed 8/18/21</b>
46		Conduct marketing/technical review	Management,Product Engineering,Marketing	0.4 wks	Wed 8/18/21

Project: New Product Plan

Date: 9/7/2025 10:12 PM

Task

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Manual Task

Finish-only

Split

External Milestone

Duration-only

Progress

Milestone

Inactive Task

Summary Rollup

Deadline

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Manual Summary

Project Summary

Inactive Summary

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ID		Task Name	Resource Names	Duration	Start
47		Prepare preliminary manufacturing design	Product Engineering	4 wks	Fri 8/20/21
48		Evaluate contract manufacturing option	Legal,Process Engineer	2 wks	Fri 9/17/21
49		Review legal and patent considerations	Management,Legal	2 wks	Fri 8/20/21
50		Perform environmental review	Product Engineering	2 wks	Fri 9/17/21
51		Conduct product safety review	Product Engineering,Safety	3 wks	Fri 8/20/21
52		Perform evaluate/predict product cycle time	Product Engineering,Project Manage	3 wks	Fri 9/17/21
53		Update financial analysis	Accounting	2 wks	Fri 10/08/21
54		Risk analysis	Product Engineering	2 wks	Fri 10/22/21
55		Review preliminary investigation criteria	Management,Product Engineering,Legal	0.4 wks	Fri 10/22/21
56		Develop pilot stage plan	Product Engineering,Project Manage	1 wk	Fri 8/20/21
57		Conduct development stage review	Product Engineering,Project Manager,Process Engineer	0.4 wks	Fri 11/05/21
58		<i>Decision point - go/no-go to pilot stage</i>	<i>Management,Project Manager</i>	<i>0 wks</i>	<i>Mon 11/08/21</i>
59		<b>Pilot Stage</b>		<b>23 wks</b>	<b>Tue 11/09/21</b>
60		Assign pilot stage resources	Management,Project Manager	0.2 wks	Tue 11/09/21
61		Secure customer commitment to participate in commercialization trials	Legal,Project Manager	1 wk	Wed 11/10/21
62		<b>Trial Product Manufacture</b>		<b>14 wks</b>	<b>Wed 11/17/21</b>
63		Schedule/reserve pilot production facility	Project Manager	1 wk	Wed 11/17/21
64		Resolve raw material and finish products logistics	Product Engineering,Project Manage	1 wk	Wed 11/24/21
65		Review trial plan and requirements	Product Engineering,Project Manage	1 wk	Wed 11/17/21
66		Start trial material production	Product Engineering	6 wks	Wed 12/01/21
67		Monitor customer trials	Product Engineering	4 wks	Wed 12/01/21
68		Review preliminary trial results	Product Engineering,Project Manage	2 wks	Wed 12/29/21
69		Continue trial material production	Product Engineering	6 wks	Wed 1/12/22
70		Complete customer trial monitoring	Product Engineering	4 wks	Wed 1/12/22
71		<b>Trial Analysis</b>		<b>9.8 wks</b>	<b>Wed 2/09/22</b>

Project: New Product Plan  
Date: 9/7/2025 10:12 PM

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Duration-only

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Milestone

Inactive Task

Summary Rollup

Deadline

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Manual Summary

Project Summary

Inactive Summary

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ID		Task Name	Resource Names	Duration	Start
72		Confirm sales and marketing strategies	Marketing,Project Manager	1 wk	Wed 2/09/22
73		Confirm product safety	Project Manager,Safety	1 wk	Wed 2/09/22
74		Reevaluate manufacturing processes	Process Engineer	3 wks	Wed 2/16/22
75		Develop commercialization plan	Product Engineering,Marketing	3 wks	Wed 3/09/22
76		Review financials	Accounting	1 wk	Wed 3/30/22
77		Review patent and legal issues	Legal	2 wks	Wed 3/30/22
78		Assign commercialization leadership responsibility and resources	Management,Project Manager	0.4 wks	Wed 4/13/22
79		Pilot stage review and commercialization decision	Management,Product Engineering,Marketing,Process Engineer	0.4 wks	Fri 4/15/22
80		<b>Commercialization Stage</b>		<b>39 wks</b>	<b>Tue 4/19/22</b>
81		<b>Product Manufacturing and Monitoring</b>		<b>33.6 wks</b>	<b>Tue 4/19/22</b>
82		Confirm product specification	Product Engineering,Manufacturing Engineer	0.6 wks	Tue 4/19/22
83		Confirm customer specification acceptance and trial participation	Product Engineering,Project Manager	2 wks	Fri 4/22/22
84		Develop manufacturing process requirements	Process Engineer,Manufacturing Engineer	2 wks	Fri 5/06/22
85		Design and order new equipment	Product Engineering,Purchasing	6 wks	Fri 5/20/22
86		Install and test new equipment or equipment modifications	Product Engineering,Manufacturing Engineer	6 wks	Fri 7/01/22
87		Confirm manufacturing capabilities	Manufacturing Engineer	2 wks	Fri 8/12/22
88		Develop and review production trial plan (resolve logistics issues)	Product Engineering,Project Manager	1 wk	Fri 8/26/22
89		Start production of commercial product quantities	Product Engineering,Manufacturing Engineer	8 wks	Fri 9/02/22
90		Monitor customer acceptance testing	Product Engineering,Project Manager	6 wks	Fri 10/28/22
91		<b>Commercialization Analysis</b>		<b>11.4 wks</b>	<b>Fri 10/28/22</b>

Project: New Product Plan

Date: 9/7/2025 10:12 PM

Task

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Manual Task

Finish-only

Split

External Milestone

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Progress

Milestone

Inactive Task

Summary Rollup

Deadline

Summary





Inactive Milestone

Manual Summary

Project Summary

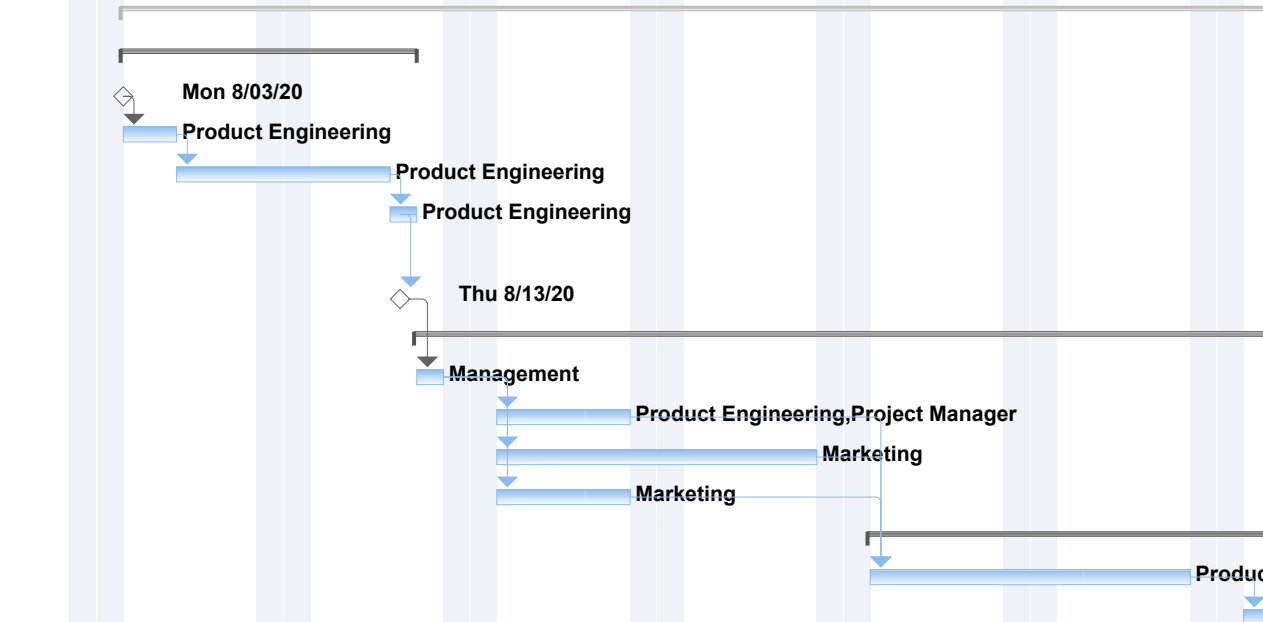
Inactive Summary

Start-only

ID		Task Name	Resource Names	Duration	Start
92		Perform internal product testing	Product Engineering	3 wks	Fri 10/28/22
93		Review production performance results	Management,Product Engineering,P roject Manager	2 wks	Fri 12/09/22
94		Identify long term production requirements	Process Engineer,Manufacturing Eng ineer	3 wks	Fri 12/23/22
95		Recalculate product economics	Product Engineering,Marketing,Acco unting	2 wks	Fri 12/23/22
96		Affirm decision to continue commercialization program	Management,Project Manager	0.4 wks	Fri 1/13/23
97		Post Commercialization Review		26 wks	Tue 1/17/23
98		Determine if product is meeting customer cost/performance exp ectations	Management,Project Manager	12 wks	Tue 1/17/23
99		Determine if sales have met projections	Management,Marketing	12 wks	Tue 1/17/23
100		Determine if product is sustaining its position against competitive response	Management,Marketing	6 wks	Tue 4/11/23
101		Evaluate manufacturing process for stability and cost effectiveness	Project Manager,Manufacturing Engin eer	8 wks	Tue 4/11/23
102		Determine if current economics are consistent with projected eco nomics	Marketing	3 wks	Tue 6/06/23
103		Evaluate opportunities to expand product or product line	Management,Product Engineering,M arketing	3 wks	Tue 6/27/23

<div> <div> <div>Project: New Product Plan</div> <div>Date: 9/7/2025 10:12 PM</div> </div> <div> <div>Task</div> <div>External Tasks</div> <div>Manual Task</div> <div>Finish-only</div> </div> <div> <div>Split</div> <div>External Milestone</div> <div>Duration-only</div> <div>Progress</div> </div> <div> <div>Milestone</div> <div>Inactive Task</div> <div>Summary Rollup</div> <div>Deadline</div> </div> <div> <div>Summary</div> <div>Inactive Milestone</div> <div>Manual Summary</div> </div> <div> <div>Project Summary</div> <div>Inactive Summary</div> <div>Start-only</div> </div> </div>										
Page 5										















Finish	Work	Predecessors	% Complete																																		
											Aug 2, '20			Aug 9, '20			Aug 16, '20			Aug 23, '20			Aug 30, '20			Sep 6, '20			Sep								
											Aug 2, '20			Aug 9, '20			Aug 16, '20			Aug 23, '20			Aug 30, '20			Sep 6, '20			Sep								
				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	S	M	T	W	T	F	S	S	M
Mon 7/17/23	15688 hrs		0%																																		
Thu 8/13/20	72 hrs		0%																																		
Mon 8/03/20	0 hrs		0%																																		
Tue 8/04/20	16 hrs	2	0%																																		
Wed 8/12/20	48 hrs	3	0%																																		
Thu 8/13/20	8 hrs	4	0%																																		
Thu 8/13/20	0 hrs	5	0%																																		
Tue 11/03/20	1216 hrs		0%																																		
Fri 8/14/20	8 hrs	6	0%																																		
Fri 8/21/20	80 hrs	8	0%																																		
Fri 8/28/20	80 hrs	8	0%																																		
Fri 8/21/20	40 hrs	8	0%																																		
Fri 9/25/20	160 hrs		0%																																		
Fri 9/11/20	80 hrs	11;9;10	0%																																		
Fri 9/18/20	40 hrs	13	0%																																		
Fri 9/25/20	40 hrs	14	0%																																		
Fri 10/09/20	160 hrs	15	0%																																		
Fri 10/09/20	80 hrs	16SS	0%																																		
Fri 10/09/20	160 hrs	17SS	0%																																		
Fri 10/09/20	160 hrs	18SS	0%																																		
Fri 10/23/20	80 hrs	19;16;17;18	0%																																		
Fri 10/30/20	80 hrs	20	0%																																		
Fri 10/23/20	80 hrs	20SS	0%																																		
Tue 11/03/20	48 hrs	21;22	0%																																		
















The Gantt chart displays a project schedule from August 2nd to September 6th, 2020. The timeline is marked with weekly intervals. Key tasks and their durations are as follows:

- Product Engineering**: Starts on Mon 8/03/20, with a duration of 72 hrs (ending Thu 8/13/20).
- Management**: Starts on Thu 8/13/20, with a duration of 8 hrs (ending Fri 8/14/20).
- Marketing**: Starts on Fri 8/21/20, with a duration of 40 hrs (ending Fri 9/25/20).
- Product Engineering, Project Manager**: Starts on Fri 8/21/20, with a duration of 80 hrs (ending Fri 9/25/20).
- Marketing**: Starts on Fri 9/25/20, with a duration of 160 hrs (ending Fri 10/09/20).
- Product Engineering**: Starts on Fri 10/09/20, with a duration of 160 hrs (ending Fri 10/23/20).
- Product Engineering**: Starts on Fri 10/23/20, with a duration of 80 hrs (ending Tue 11/03/20).

Dependencies are indicated by arrows: Product Engineering (8/03/20) leads to Management (8/13/20), which leads to Marketing (8/21/20), which leads to Product Engineering, Project Manager (8/21/20), which leads to Marketing (9/25/20), which leads to Product Engineering (10/09/20), which leads to Product Engineering (10/23/20), which leads to Product Engineering (11/03/20).

<b>Project: New Product Plan</b> <b>Date: 9/7/2025 10:12 PM</b>	<b>Task</b> 	<b>Split</b> 	<b>Milestone</b> 	<b>Summary</b> 	<b>Project Summary</b> 
	<b>External Tasks</b> 	<b>External Milestone</b> 	<b>Inactive Task</b> 	<b>Inactive Milestone</b> 	<b>Inactive Summary</b> 
	<b>Manual Task</b> 	<b>Duration-only</b> 	<b>Summary Rollup</b> 	<b>Manual Summary</b> 	<b>Start-only</b> 
	<b>Finish-only</b> 	<b>Progress</b> 	<b>Deadline</b> 		

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<b>Project: New Product Plan</b> <b>Date: 9/7/2025 10:12 PM</b>	<b>Task</b> 	<b>Split</b> 	<b>Milestone</b> 	<b>Summary</b> 	<b>Project Summary</b> 
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Project: New Product Plan Date: 9/7/2025 10:12 PM	Task		Split		Milestone		Summary		Project Summary	
	External Tasks		External Milestone		Inactive Task		Inactive Milestone		Inactive Summary	
	Manual Task		Duration-only		Summary Rollup		Manual Summary		Start-only	
	Finish-only		Progress		Deadline					



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