D	0	Task Name		Resource Names	Duration	Start
0		New Product Plan			154.2 wks	Mon 8/03/20
1		Initial New Produc	ct Screening Stage		1.8 wks	Mon 8/03/20
2		New product op	portunity identified	Management,Product Engineering	0 wks	Mon 8/03/20
3		Describe new pr	oduct idea (1-page written disclosure)	Product Engineering	0.4 wks	Mon 8/03/20
4		Gather informat	ion required for go/no-go decision	Product Engineering	1.2 wks	Wed 8/05/20
5		Convene opport idea or not)	unity of screening committee (decision to pu	rsue Product Engineering	0.2 wks	Thu 8/13/20
6		Decision point -	go/no-go to preliminary investigation	Management,Product Engineering	0 wks	Thu 8/13/20
7		Preliminary Invest	igation Stage		11.6 wks	Fri 8/14/20
8		Assign resources	to preliminary investigation	Management	0.2 wks	Fri 8/14/20
9		Develop prelimi	nary investigation plan	Product Engineering, Project Manage	1 wk	Mon 8/17/20
10	i	Evaluate the ma	rket	Marketing	2 wks	Mon 8/17/20
11	i	Analyze the com	petition	Marketing	1 wk	Mon 8/17/20
12		Technical Feasik	oility Analysis		4 wks	Mon 8/31/20
13		Produce lab so	cale product	Product Engineering	2 wks	Mon 8/31/20
14		Evaluate inter	nal product	Product Engineering	1 wk	Mon 9/14/20
15		Identify produ	iction process steps required for manufacture	Process Engineer	1 wk	Mon 9/21/20
16	i	Assess manufac	turing capabilities	Product Engineering, Manufacturing ngineer	2 wks	Mon 9/28/20
17		Determine safet	y issues	Safety	2 wks	Mon 9/28/20
18	ŧ		onmental issues	Product Engineering,Legal	2 wks	Mon 9/28/20
19	ŧ	Review legal issu	ies	Legal, Project Manager	2 wks	Mon 9/28/20
20		Perform financia	al evaluation	Accounting	2 wks	Mon 10/12/20
21		Develop risk ana	llysis	Product Engineering, Project Manage	1 wk	Mon 10/26/20
22		Draft initial deve	elopment stage plan	Product Engineering	2 wks	Mon 10/12/20
23		Conduct prelimi	nary stage review decision	Management, Product Engineering, Project Manager	0.4 wks	Mon 11/02/20
_	ct: New Pr 9/7/2025 1	oduct Plan 0:12 PM	Task Split External Tasks External Milestor Manual Task Duration-only Finish-only Progress	· · · · · Milestone	ımmary active Milestone anual Summary	Project Summary Inactive Summary Start-only

D	0	Task Name				Resou	rce Names		Duration	Start
24		Decision poin	t - go/no-go to develo	pment sta	 ge	Mana	agement,Project		0 wks	Tue 11/03/20
25		Development S	tage						52.8 wks	Wed 11/04/20
26		Assign resour	ces to development s	tage plan		Mana	gement,Project	Manager	0.2 wks	Wed 11/04/20
27		Market Evalu	ation						8 wks	Thu 11/05/20
28	ŧ	Gather mar	ket information			Produ	uct Engineering,N	Marketing	3 wks	Thu 11/05/20
29	ŧ	Identify and	d contact customer sa	mple grou	р	Mark	eting		1 wk	Thu 11/26/20
30	ŧ	Perform co	mpetitor analysis			Mark	eting		3 wks	Thu 11/26/20
31	ŧ	Redefine pi	roduct requirements			Produ	uct Engineering		2 wks	Thu 12/17/20
32		Technical Pro	duct Evaluation						40.8 wks	Thu 11/05/20
33	ŧ	Establish pr	roduct characteristics	(performa	nce criteria)	Produ	uct Engineering		0.4 wks	Thu 11/05/20
34	ŧ	Develop pr	ototype process			Produ	uct Engineering		2 wks	Mon 11/09/20
35	ŧ	Produce pr	ototype product			Produ	uct Engineering		5 wks	Mon 11/23/20
36	ŧ	Conduct int	ternal product review			Mana	gement,Product	Engineering	1 wk	Mon 12/28/20
37	ŧ	Document	patent application pro	cess		Produ	uct Engineering		2 wks	Mon 11/09/20
38		Conduct ma	arketing/technical rev	iew		Mark	eting,Product En	gineering	18.4 wks	Mon 1/04/21
39		Redesign p	rocess (if necessary)			Produ r	uct Engineering,P	rocess Enginee	2 wks	Wed 5/12/21
40		Modify pro	totype process			Proce	ess Engineer		3 wks	Wed 5/26/21
41	ŧ	Develop pla	an for customer produ	ct testing		Proje	ct Manager		1 wk	Wed 6/16/21
42	ŧ	Produce pr	oduct for customer ev	aluation			uct Engineering,N	/Jarketing,Proje	5 wks	Wed 6/16/21
43		Conduct pr	eliminary manufactur	ing process	s review		ess Engineer,Man	ufacturing Eng	2 wks	Wed 7/21/21
44		Conduct cu	stomer evaluations o	prototype	e product		uct Engineering,P tomer	roject Manage	4 wks	Wed 7/21/21
45		Concept Eval	uation						11.4 wks	Wed 8/18/21
46		Conduct ma	arketing/technical rev	iew		Mana arket	ngement,Product ing	Engineering,M	0.4 wks	Wed 8/18/21
			Task		Split		Milestone	♦ Su	mmary	Project Summar
-		oduct Plan	External Tasks		External Milestone		Inactive Task	Ina	ctive Milestone	Inactive Summa
Date:	9/7/2025 1	0:12 PM	Manual Task		Duration-only		Summary Rollup	—— Ma	nual Summary	Start-only
			Finish-only	1	Progress		Deadline	•		

D	0	Task Name	Resource Names	Duration	Start
47	i	Prepare preliminary manufacturing design	Product Engineering	4 wks	Fri 8/20/21
48	ļ -	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	ŧ	Perform environmental review	Product Engineering	2 wks	Fri 9/17/21
51	ŧ	Conduct product safety review	Product Engineering, Safety	3 wks	Fri 8/20/21
52	ŧ	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	ŧ	Risk analysis	Product Engineering	2 wks	Fri 10/22/21
55	ŧ	Review preliminary investigation criteria	Management, Product Engineering, Le	 	Fri 10/22/21
		neview premimiary investigation officeria	gal		111 10/ 22/ 21
56	ŧ	Develop pilot stage plan	Product Engineering, Project Manage	1 wk	Fri 8/20/21
57		Conduct development stage review	Product Engineering, Project Manage	0.4 wks	Fri 11/05/21
		conduct development stage review	r,Process Engineer		111 11/05/11
58		Decision point - go/no-go to pilot stage	Management,Project Manager	0 wks	Mon 11/08/21
59		Pilot Stage	, , , ,	23 wks	Tue 11/09/21
60		Assign pilot stage resources	Management, Project Manager	0.2 wks	Tue 11/09/21
61		Secure customer commitment to participate in commercialization	Legal, Project Manager	1 wk	Wed 11/10/21
		trials			. ,
62		Trial Product Manufacture		14 wks	Wed 11/17/21
63	ŧ	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	ŧ	Review trial plan and requirements	Product Engineering, Project Manage	1 wk	Wed 11/17/21
66	ŧ	Start trial material production	Product Engineering	6 wks	Wed 12/01/21
67	ŧ	Monitor customer trials	Product Engineering	4 wks	Wed 12/01/21
68	ŧ	Review preliminary trial results	Product Engineering, Project Manage	2 wks	Wed 12/29/21
69	ŧ	Continue trial material production	Product Engineering	6 wks	Wed 1/12/22
70	ŧ	Complete customer trial monitoring	Product Engineering	4 wks	Wed 1/12/22
71		Trial Analysis		9.8 wks	Wed 2/09/22

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

ID	0	Task Name				Resource	Names		Duration	Start		
72	ŧ	Confirm sales	and marketing stra	tegies		Marketi	ng,Project Mar	nager	1 wk	Wed 2/	09/22	
73	ŧ	Confirm produ	uct safety			Project	Manager,Safet	:y	1 wk	Wed 2/	09/22	
74		Reevaluate ma	anufacturing proce	sses		Process	Engineer		3 wks	Wed 2/	16/22	
75		Develop comn	mercialization plan			Product	Engineering,N	1arketing	3 wks	Wed 3/	09/22	
76		Review financ	ials			Account	ing		1 wk	Wed 3/	30/22	
77		Review patent	t and legal issues			Legal			2 wks	Wed 3/	30/22	
78		Assign comme	ercialization leaders	ship respor	nsibility and resour	ce Manage	ment,Project N	Manager	0.4 wks	Wed 4/	13/22	
79		Pilot stage rev	view and commercia	alization d	ecision	Manage	ment,Product	Engineering	g,M 0.4 wks	Fri 4/15	5/22	
						arketing	,Process Engin	ieer				
80		Commercialization	n Stage						39 wks	Tue 4/1	19/22	
81			acturing and Monit	oring					33.6 wks	Tue 4/1		
82		Confirm produ	uct specification			Product ngineer	Engineering,N	1anufacturir	ng E 0.6 wks	Tue 4/1	9/22	
83		Confirm custo	mer specification a	ccentance	and trial narticina		Engineering D	roject Mana	ige 2 wks	Fri 4/22	0/22	_
		n	mer specification a	cceptance	and that participa	r	Liigiiicciiiig,i i	roject iviario	ige 2 WK3	111 7/ 22	-/	
84			ufacturing process r	aquirama	ntc	Process	Engineer,Man	ufacturing F	ng 2 wks	Fri 5/06	5/22	_
		Develop mane	aracturing process i	equilemen	11.5	ineer	Liigiileei,iviaili	diacturing L	ing 2 WK3	111 3/00	0/ 22	
85		Design and or	der new equipmen	t		Product	Engineering,Po	urchasing	6 wks	Fri 5/20)/22	
86		Install and tes	t new equipment o	r equipme	nt modifications	Product ngineer	Engineering,N	1anufacturir	ng E 6 wks	Fri 7/01	L/22	
87		Confirm manu	ufacturing capabiliti	es			cturing Engine	er	2 wks	Fri 8/12	2/22	-
88			eview production t		esolve logistics issi		Engineering,Pi		ge 1 wk	Fri 8/26		
89		•	on of commercial p	product qua	antities	Product ngineer	Engineering,N	1anufacturir	ng E 8 wks	Fri 9/02	2/22	-
90	ŧ	Monitor custo	omer acceptance te	sting			Engineering,Pi	roiect Mana	ige 6 wks	Fri 10/2	28/22	_
91		Commercializati	·				J - 0/···	,	11.4 wks	Fri 10/2	•	
Projec	t: New Pro	oduct Plan	Task External Tasks		Split External Milestone		Milestone nactive Task	♦	Summary Inactive Milestone		Project Summary	
Date: 9	9/7/2025 1	0:12 PM	Manual Task Finish-only		Duration-only Progress		Summary Rollup Deadline		Manual Summary		Start-only	•

D	0	Task Name	Resource Names	Duration	Start
92	ŧ	Perform internal product testing	Product Engineering	3 wks	Fri 10/28/22
93		Review production performance results	Management, Product Engineering, Project Manager	2 wks	Fri 12/09/22
94		Identify long term production requirements	Process Engineer, Manufacturing Engineer	3 wks	Fri 12/23/22
95		Recalculate product economics	Product Engineering, Marketing, Accounting	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	ŧ	Determine if product is meeting customer cost/performance exp ectations	Management, Project Manager	12 wks	Tue 1/17/23
99	ŧ	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 effectivenes s	Project Manager, Manufacturing Engir	8 wks	Tue 4/11/23
102		Determine if current economics are consistent with projected eco nomics		3 wks	Tue 6/06/23
103		Evaluate opportunities to expand product or product line	Management, Product Engineering, Marketing	3 wks	Tue 6/27/23

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

Finish	Work	Predecessors	% Complete		Aug 2, '20	Aug 9, '2	20	Aug 16, '20	Aug 23, '20	Aug 30, '20	Sep 6, '20	Se
					Aug 2, '20	Aug 9, '2	20	Aug 16, '20	Aug 23, '20	Aug 30, '20	Sep 6, '20	Se
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Mon 7/17/23	15688 hrs		0%									
Thu 8/13/20	72 hrs		0%				\neg					
Mon 8/03/20	0 hrs		0%		Mor	า 8/03/20						
Tue 8/04/20	16 hrs	2	0%		Pro	duct Engineering						
Wed 8/12/20	48 hrs	3	0%					Engineering				
Thu 8/13/20	8 hrs	4	0%			1	Produ	ıct Engineering				
Thu 8/13/20	0 hrs	5	0%				Th.	nu 8/13/20				
Tue 11/03/20	1216 hrs		0%									
Fri 8/14/20	8 hrs	6	0%				Ma	nagement				
Fri 8/21/20	80 hrs	8	0%					Pr		ng,Project Manager		
Fri 8/28/20	80 hrs	8	0%							Marketing		
Fri 8/21/20	40 hrs	8	0%					Ma	rketing			
Fri 9/25/20	160 hrs		0%									
Fri 9/11/20	80 hrs	11;9;10	0%									Produ
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%									
		Task	Split			Milestone		Summary		■ Project Summa		
Project: New Product Plan Date: 9/7/2025 10:12 PM		External Tasks				nactive Task		maon o mi		Inactive Summa	nry —	
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Thu 8/19/21	48 hrs	44;43	0%												
Thu 11/04/21	1376 hrs		0%												
Tue 8/17/21	480 hrs	42;41	0%												
Tue 8/03/21	160 hrs	42	0%												
Tue 7/20/21	600 hrs	40	0%												
Tue 6/22/21	40 hrs	40	0%												
Tue 6/15/21	120 hrs	39	0%												
Tue 5/25/21	160 hrs	38	0%												
Tue 5/11/21	1472 hrs	36;31	0%												
Fri 11/20/20	80 hrs	33	0%												
Fri 1/01/21	80 hrs	35	0%												
Fri 12/25/20	200 hrs	34	0%												
Fri 11/20/20	80 hrs	33	0%												
Fri 11/06/20	16 hrs	26;24	0%												
Tue 8/17/21	3488 hrs		0%												
Wed 12/30/20	80 hrs	29;30	0%												
Wed 12/16/20	120 hrs	28	0%												
Wed 12/02/20	40 hrs	28	0%												
Wed 11/25/20	240 hrs	26;24	0%												
Wed 12/30/20	480 hrs		0%												
Wed 11/04/20	16 hrs	23	0%												
Mon 11/08/21	5408 hrs		0%												
Tue 11/03/20	0 hrs	23	0%		- - · · · · • • •	. . 3 3 1	- - · · · · ·		- · · · •	. . . 3	- ··· · vv ·	. 5 5	.	. 5 5 1
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					Aug 2, '2	20 ^	ug 9, '20	Aug 1	16, '20 16, '20	Aug 23	'20	Aug 30, '20		Sep 6, '20 Sep 6, '20	S

Finish	Work	Predecessors	% Complete		Aug 2, '	'20	Aug 9, '20	Au	g 16, '20	Aug 2	3, '20	Aug 30, '20		Sep 6, '20	9
					Aug 2, '	'20	Aug 9, '20	Au	g 16, '20	Aug 2	3, '20	Aug 30, '20		Sep 6, '20	9
				W T F S								SMTWT	-		-
Thu 9/16/21	160 hrs	46	0%												
Thu 9/30/21	160 hrs	47	0%												
Thu 9/02/21	160 hrs	46;37	0%												
Thu 9/30/21	80 hrs	47	0%												
Thu 9/09/21	240 hrs	46	0%												
Thu 10/07/21	240 hrs	47	0%												
Thu 10/21/21	80 hrs	52;51;50;56;48	0%												
Thu 11/04/21	80 hrs	49;53;51	0%												
Mon 10/25/21	48 hrs	53	0%												
Thu 8/26/21	80 hrs	47SS	0%												
Mon 11/08/21	48 hrs	54;55;56	0%												
Mon 11/08/21	0 hrs	57	0%												
Mon 4/18/22	1992 hrs		0%												
Tue 11/09/21	16 hrs	57;58	0%												
Tue 11/16/21	80 hrs	60	0%												
Tue 2/22/22	1160 hrs		0%												
Tue 11/23/21	40 hrs	61	0%												
Tue 11/30/21	80 hrs	63	0%												
Tue 11/23/21	80 hrs	61	0%												
Tue 1/11/22	240 hrs	64;65	0%												
Tue 12/28/21	160 hrs	66SS	0%												
Tue 1/11/22	160 hrs	67	0%												
Tue 2/22/22	240 hrs	68	0%												
Tue 2/08/22	160 hrs	69SS	0%												
Mon 4/18/22	736 hrs		0%												
		Task	Split			Milestone	9	♦	Summary	/		■ Project Su	mmary		
Project: New Product Plan		External Tasks	Exter	nal Milestone		Inactive 7	Гask		Inactive I	Milestone		Inactive Su	ımmary		
Date: 9/7/2025 10:12 PM		Manual Task	Dura	ion-only		Summary	y Rollup		Manual S	Summary		Start-only		1	
		Finish-only	Prog	ess		Deadline		-							

Finish	Work	Predecessors	% Complete		Aug 2,	'20	Aug 9, '20	Aug	16, '20	Aug 23,	'20	Aug 30, '20		Sep 6, '20	S
					Aug 2,		Aug 9, '20		16, '20	Aug 23,		Aug 30, '20		Sep 6, '20	
				W T F S								S M T W T F	\neg		$\overline{}$
Tue 2/15/22	80 hrs	70	0%												
Tue 2/15/22	80 hrs	72SS	0%												
Tue 3/08/22	120 hrs	72;73	0%												
Tue 3/29/22	240 hrs	74	0%												
Tue 4/05/22	40 hrs	75	0%												
Tue 4/12/22	80 hrs	75	0%												
Thu 4/14/22	32 hrs	76;77	0%												
Mon 4/18/22	64 hrs	78	0%												
Mon 1/16/23	3480 hrs		0%												
Thu 12/08/22	2608 hrs		0%												
Thu 4/21/22	48 hrs	79	0%												
Thu 5/05/22	160 hrs	82	0%												
Thu 5/19/22	160 hrs	83	0%												
Thu 6/30/22	480 hrs	84	0%												
Thu 8/11/22	480 hrs	85	0%												
Thu 8/25/22	80 hrs	86	0%												
Thu 9/01/22	80 hrs	87	0%												
Thu 10/27/22	640 hrs	88	0%												
Thu 12/08/22	480 hrs	89	0%												
Mon 1/16/23	872 hrs		0%												
		Task	Split			Milestone			Summary			Project Sur	nmary		_
Project: New Product Plan		External Tasks		l Milestone		Inactive Ta	ask		Inactive Mil	estone		Inactive Su	-		=
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Finish	Work	Predecessors	% Complete		Aug 2, '20	Aug 9, '20	Aug 16, '20	Aug 23, '20	Aug 30, '20	Sep 6, '20
					Aug 2, '20	Aug 9, '20	Aug 16, '20	Aug 23, '20	Aug 30, '20	Sep 6, '20
				W T F S						S M T W T F S S
Thu 11/17/22	120 hrs	89	0%							
Thu 12/22/22	240 hrs	90;92	0%							
Thu 1/12/23	240 hrs	93	0%							
Thu 1/05/23	240 hrs	93	0%							
Mon 1/16/23	32 hrs	95;94	0%							
Mon 7/17/23	3520 hrs		0%							
Mon 4/10/23	960 hrs	96	0%							
Mon 4/10/23	960 hrs	98SS	0%							
Mon 5/22/23	480 hrs	99	0%							
Mon 6/05/23	640 hrs	98	0%							
Mon 6/26/23	120 hrs	101;100	0%							
Mon 7/17/23	360 hrs	102	0%							

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