)	0	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Na	imes S	Au	g 23, '20 Aug 30 M T W T F S S M
1	•	*	Integrated Development Tools Project	185 days?	Mon 8/24/20	Fri 5/7/21		Shawn P,A U,Malachi P,Jacob H	lex		
2	4	*	Develop Plug-In	51 days	Mon 8/24/2	Sat 10/31/2	0	Alex U,Jaco	ob H,M		
3	*	-5	Log File Updates (Saves, Deletes,	7 days	Mon 8/24/20	Tue 9/1/20		Alex U,Sha	wn P		
4	*	*	Add Version Control Update Tool	15 days	Wed 9/30/20	Tue 10/20/20		Jacob H,Ma P	alachi		
5	<u></u>	-5	Research Git Meta Data	7 days	Thu 10/1/20	Fri 10/9/20		Alex U,Sha	wn P		
6	*	*	Add Meta Data	7 days	Mon 10/12/20	Tue 10/20/20	5	Alex U,Sha	wn P		
7	•	*	Develop Notification System	24 days	Wed 9/30/20	Sat 10/31/20	2	Jacob H,Ma P	alachi		
8	•	-3	Add notifications for pull requests	6 days	Wed 9/30/20	Wed 10/7/20		Jacob H,Ma P	alachi		
9		5	Add notifications for code check-in	6 days	Wed 10/7/20	Wed 10/14/20		Alex U,Sha	wn P		
			Task			Inactive Sumr	nary	l Ex	ternal Tasks		
			Split			Manual Task		Ex	ternal Milest	one	\Diamond
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D	0	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Nar	mes	Aug	23, '20 M T V	v T F	Aug 30, 12
10	₩		Add notifications for automated test	6 days	Wed 10/14/20	Wed 10/21/20		Jacob H,Ma P					3 3 1111
11	ः ♣	-	Add notifications for work-item updates	6 days	Wed 10/21/20	Wed 10/28/20		Alex U,Shaw	vn P				
12	•	*	Develop UI For Code Base	31 days?	Sun 11/1/20	Fri 12/11/20	2	Shawn P,Alo	ex U				
13	•	*	Develop Search Tool for UI	131 days?	Mon 11/9/20	Mon 5/10/21		Jacob H,Ma P	lachi				
14	<u></u>	- 5	Add codebase tool to view	6 days?	Mon 11/9/20	Mon 11/16/20		Alex U,Jacol H,Malachi P,Shawn P	b				
15		-5	Add integration feature to search tool with version control	6 days?	Mon 11/16/20	Mon 11/23/20		Alex U,Shaw	vn P				
16	ः ♣	-5	Add list of changes to files to codebase	6 days?	Mon 11/23/20	Mon 11/30/20		Jacob H,Ma P	lachi				
			Task	1		Inactive Summ	nary		ernal Tasks		^		
			Split		•	Manual Task			ernal Milesto	one			
		ntt Chart	Milestone Summary	`		Duration-only Manual Summ			ndline gress				_
Date:	Thu 3,	/11/21	Project Sum	marv		Manual Summ			gress nual Progre	ss			_
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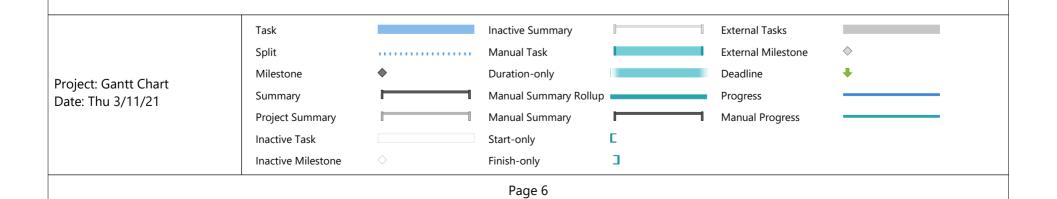
ID	A	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Nam	ies	Aug	23, '20 M T	w т ғ	Aug 30, '20
17	.		Finish "Add Repository" feature of GUI	5 days	Mon 3/8/21	Fri 3/12/21		Alex U,Shaw		3	TVI I I	<u> </u>	3 3 101 1
18			Display code and changes to code from selected commits	5 days	Mon 2/22/21	Fri 2/26/21		Alex U,Jacob	Н				
19		- 5	Fix git parser to make it more modular	5 days	Mon 3/15/21	Fri 3/19/21		Jacob H,Mala P	achi				
20	<u></u>	- 5	Add days & times to each change	6 days?	Mon 11/30/20	Mon 12/7/20		Alex U,Shaw	n P				
21	•	-5	Add boxes to UI to show commits in different ways	82 days?	Thu 11/19/20	Fri 3/12/21		Shawn P					
			Task			Inactive Summa	ary	Exter	nal Tasks				
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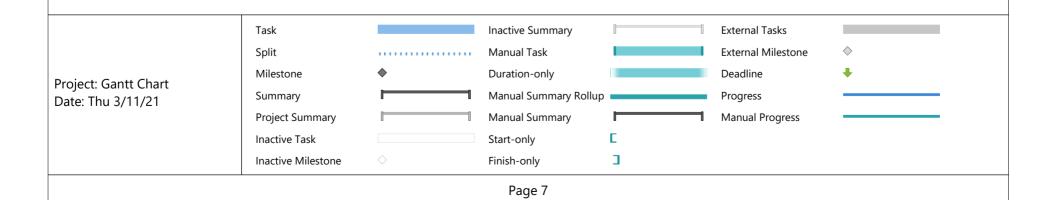
)	A	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource N	lames	Au	g 23, '2	20	/ т	E C	Aug	30,
22			Add a box to UI to display different options for users to choose from		Thu 11/19/20	Fri 12/11/20		Shawn P	5	5	M	I V	/ 1	- 5	5	<u>M</u>
23		-5	Add a box to GUI to display commit informatio		Thu 11/19/20	Fri 12/11/20		Shawn P								
24		≯ ?	Add a box to the GUI that allows users to switch					Malachi P H	Jacob							
25	.		Add a box to the GUI that allows users to switch repositorie		Mon 3/1/21	Fri 3/12/21		Alex U,Sh	awn P							
			Task			Inactive Summ	nary		xternal Tasks			^				
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		ntt Chart	Milestone		*	Duration-only			Deadline			.				
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ID	A	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Na	mes	Aug	23, '20 M T	w T F	Au	g 30, '20 M
26		-3	Add a box to UI to display changes to code	17 days?	Thu 11/19/20	Fri 12/11/20		Shawn P	3	3	IVI I	VVIII	3 3	IVI
27		-5	Create SQL queries that filter commits based on date, author, time	25 days?	Mon 11/9/20	Fri 12/11/20		Alex U,Jaco H,Malachi P,Shawn P	b b					
28	₩	-3	Develop prototype code search tool	25 days?	Mon 11/9/20	Fri 12/11/20		Alex U,Jaco H,Malachi P,Shawn P	b					
29	<u></u>	-5	Add git log data to database	17 days?	Thu 11/19/20	Fri 12/11/20		Alex U,Jaco H,Malachi P,Shawn P	b					
30	*	-5	Parse git log data	11 days	Mon 11/9/20	Mon 11/23/20		Jacob H,Ma P	alachi					
31	*	*	Finalize database schema	40 days?	Mon 2/1/21	Fri 3/26/21		Alex U,Sha	wn P					
			Task	I		Inactive Summ	nary		ternal Tasks					
			Split			Manual Task			ternal Milesto	one	♦			
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D	0	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	S	Aug	23, '20 M	o T w	T F	s	Aug	30, '2 M
32	<u></u>	-3	Add data table to schema for repository information		Mon 2/1/21	Fri 2/5/21		Jacob H,Malachi P								
33		-5	Add data table to schema for repository branches	5 days	Mon 3/15/21	Fri 3/19/21		Alex U,Shawn P								
34	•	-5	Add table to schema for mapping repositorys		Mon 2/1/21	Fri 2/5/21		Jacob H,Malachi P								
35		-9	Finalize GUI Prototype	30 days?	Mon 11/2/20	Fri 12/11/20		Alex U,Jacob H,Malachi								
36	*	*	Finish Repository viewer	75 days?	Tue 1/19/21	Mon 5/3/21		Alex U,Jacob H,Malachi P,Shawn P								



ID	A	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	S	Au	g 2	3, '2	0	., l <u>-</u>	Г F	۱.	Aug	30, '20 M T
37			Dynamically update GUI to display relevant commit	21 days?	Mon 2/1/21	Mon 3/1/21		Alex U,Jacob H,Malachi P,Shawn P	3	5	N	VI	I V	N I	F	5	5	M
38	ः	-3	Add list of check-ins to changes	5 days?	Mon 12/7/20	Fri 12/11/20		Jacob H,Malachi P										
39	<u></u>		Improve existing elements	5 days	Mon 2/8/21	Fri 2/12/21		Alex U,Shawn P										
40	<u></u>	-	Rearrange UI & Add new UI	5 days	Mon 2/8/21	Fri 2/12/21		Alex U,Shawn P										
41	•••	-5	Merge repository viewer with extension	5 days	Mon 2/1/21	Fri 2/5/21		Jacob H,Malachi P										



D	A	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource	Names	,	Aug	23, '20 M T \	۸, -	_	Au	ig 30, '2
42			Clone repository to program data folder from the "Add Repository		Mon 3/8/21	Fri 3/12/21		Alex U,S		3	3	VI I V	VII		3 3	101
43			Add ability to switch between different branches		Mon 3/22/21	Fri 3/26/21		Alex U,S	hawn P							
44	ः ♣	-5	Add ability to switch between repositorie		Mon 3/15/21	Fri 3/26/21		Jacob H, P	Malachi							
45	.	*	Create API	85 days?	Mon 1/11/2	1Fri 5/7/21		Alex U,S	hawn P							
46	ः ♣	-3	Gather requirements for API	5 days?	Mon 3/29/21	Fri 4/2/21		Alex U,Ja H,Malac P,Shawr	hi							
47	ः ♣	-5	Add Health and Usage Data to Data Table	6 days?	Mon 4/5/21	Mon 4/12/21		Jacob H, P	Malachi							
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D	0	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Nan		Aug	23, '20 M T V	W T F	Au	ıg 30, '20 M
48			Add data from API to View	5 days?	Mon 4/12/21	Fri 4/16/21		Alex U,Shaw				<u> </u>		141
49	₩	-5	Move data to AWS or Azure	5 days	Mon 4/26/21	Fri 4/30/21		Alex U,Jacob H,Malachi)					
50			Research how to function API to work along with extension and codebase view	10 days	Mon 4/12/21	Fri 4/23/21								
51	.	-5	Choose database management tool for health and usage data	16 days?	Fri 2/26/21	Fri 3/19/21		Jacob H,Mal P	achi					
52	*	*	Create AI for codebase view	24 days?	Tue 3/2/21	Fri 4/2/21		Alex U,Shaw	vn P					
53	:	-9	Analyze data from database to give useful	5 days?	Mon 3/8/21	Fri 3/12/21		Jacob H,Mal P	achi					
54	ः	-9	Figure out what repo data to use as input for	·	Mon 3/15/21	Fri 3/19/21		Alex U,Jacob H,Malachi P,Shawn P)					
			Task			Inactive Sumn	nary	Exte	ernal Tasks					
			Split			Manual Task			rnal Milesto	one	-			
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55			Train AI with data to predict "grades" for developers	10 days?	Mon 3/22/21	Fri 4/2/21		Alex U,Shawn P						
56	*	*	Assignment 1: Project Descriptions	25 days	Mon 8/24/20	Fri 9/25/20		Alex U,Jacob H,Malachi P,Shawn P						
57	.	*	Assignment 2: Technical Specifications	25 days	Mon 9/28/20	Fri 10/30/20	56	Alex U,Jacob H,Malachi P,Shawn P						
58	.	*	Assignment 3: Solution Approach	15 days	Mon 11/2/20	Fri 11/20/20	56,57	Alex U,Jacob H,Malachi P,Shawn P						
59	.	*	Assignment 4: Alpha Prototype	14 days	Tue 11/24/20	Fri 12/11/20	56,57,58	Alex U,Jacob H,Malachi P,Shawn P						
60	•	*	Assignment 1: Beta Prototype Updates	14 days	Tue 1/19/21	Fri 2/5/21		Alex U,Jacob H,Malachi P,Shawn P						
61	•	*	Assignment 2: Midterm Progress Report	26 days	Fri 2/5/21	Fri 3/12/21		Alex U,Jacob H,Malachi P,Shawn P						
62	*	*	Assignment 3: Final Report	41 days	Fri 3/12/21	Fri 5/7/21		Alex U,Jacob H,Malachi						
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D	0	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	S	ug 23, '20 S M T	- w T	F S	Aug 30, '2 S M
63	•	*	Assignment 3.5 Online Chat Archive Samples	68 days	Mon 2/1/21	Wed 5/5/21		Alex U,Jacob H,Malachi P,Shawn P					
64	•	*	Assignment 4: Final Poster & Presentation	68 days	Mon 2/1/21	Wed 5/5/21		Alex U,Jacob H,Malachi P,Shawn P					
			Task			Inactive Summa	ary	Externa					
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