ID	ⓘ	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1		📌	**Senior Design - Team X - Project Stats**	**193 days?**	**Mon 9/23/19**	**Sat 6/13/20**		
2			**Initiate Project**	**10 da**	**Sun 10/13/19**	**Wed 10/23/1**		
3	✓		Define the scope	7 day	Sun 10/13/19	Sat 10/19/19		Patrick O'Neill
4		📌	Define the website's style	7 days	Sun 10/13/19	Sat 10/19/19		Danlin Zhao,Sabrina Chue
5	✓	📌	Define user types	1 day	Sun 10/13/19	Sun 10/13/19		Thai Chu
6	✓	📌	Define users requirements	3 days	Mon 10/14/19	Wed 10/16/19	5	Danlin Zhao,Sabrina Chue,Thai Chu
7	✓	📌	Define interactive module	3 days	Sun 10/13/19	Tue 10/15/19		Patrick O'Neill
8	✓	📌	Define lab requirements	3 day	Sun 10/13/19	Tue 10/15/19		Danlin Zhao
9	✓	📌	Define quiz requirements	3 days	Sun 10/13/19	Tue 10/15/19		Sabrina Chue
10	✓	📌	Define what tools need to be developed	3 days	Sun 10/13/19	Tue 10/15/19		Patrick O'Neill,Thai Chu
11	✓	📌	Define the badging system	1 day	Sun 10/13/19	Sun 10/13/19		Harsh Patel,Sam Chast
12	✓	📌	Define badging system requirements	3 days	Mon 10/14/19	Wed 10/16/19	11	Harsh Patel,Sam Chast
13	✓	📌	Define security need for users	3 days	Sun 10/13/19	Tue 10/15/19		Sam Chast
14	✓	📌	Define security needs for database	3 days	Sun 10/13/19	Tue 10/15/19		Harsh Patel
15	✓	📌	Define how to register	3 day	Sun 10/13/19	Tue 10/15/19		Sam Chast
16	👤	📌	Get access to stakeholders' web environment	7 days	Sun 10/13/19	Sat 10/19/19		Patrick O'Neill
17	✓	📌	Developing preliminary project schedule	3 days	Sun 10/13/19	Tue 10/15/19		Patrick O'Neill
18		📌	Data collection	1 day	Wed 10/23/19	Wed 10/23/19		Sam Chast,Thai Chu
19		📌	**Project Planning**	**41 da**	**Sun 10/20/19**	**Fri 12/13/19**		

ID	ⓘ	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
20	👤	📌	Build GUI prototypes	37 days	Mon 10/21/19	Tue 12/10/19		Everyone
21	✓	📌	Preliminary Project Plan	3 days	Sun 10/13/19	Tue 10/15/19		Everyone
22	✓	📌	Customer Requirements (Basline)	11 days	Wed 10/16/19	Tue 10/29/19		Everyone
23	✓	📌	Project Plan (Baseline)	6 days	Tue 10/29/19	Tue 11/5/19		Everyone
24	👤	📌	Software Requirement Specification Document	15 days	Wed 11/6/19	Tue 11/26/19		Everyone
25	👤	📌	Final Presentation	6 days	Tue 11/26/19	Tue 12/3/19		Everyone
26	👤	📌	Software Requirement Specification Document (Baseline)	6 days	Tue 12/3/19	Tue 12/10/19		Everyone
27		📌	**Project Design & Development**	**56 da**	**Mon 1/6/20**	**Sat 3/21/20**		
28	👤	📌	Software design: static pages	6 days	Mon 1/6/20	Sun 1/12/20		Sabrina Chue,Danlin Zhao
29	👤	📌	Software design: relational database	6 days	Mon 1/6/20	Sun 1/12/20		Harsh Patel,Sam Chast
30	👤	📌	Software design: student dashboard	6 days	Mon 1/6/20	Sun 1/12/20		Thai Chu
31	👤	📌	Software design: teacher dashboard	6 days	Mon 1/13/20	Sun 1/19/20		Thai Chu
32	👤	📌	Software design: admin dashboard	6 days	Mon 1/6/20	Sun 1/12/20		Patrick O'Neill
33	👤	📌	Develop relational database	6 days	Mon 1/13/20	Sun 1/19/20	29	Harsh Patel,Sam Chast
34	👤	📌	Software design: badging system	6 days	Mon 1/13/20	Sun 1/19/20		Patrick O'Neill
35	👤	📌	Develop static web pages	11 days	Mon 1/13/20	Sun 1/26/20	28	Danlin Zhao,Sabrina Chue
36		📌	Populate database with temporary data	3 days	Mon 1/20/20	Wed 1/22/20	33	Sam Chast

ID	ⓘ	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
37		📌	Software design: login & sign up	3 days	Mon 1/20/20	Wed 1/22/20		Harsh Patel
38	👤	📌	Software design: database to csv functionality	6 days	Mon 1/20/20	Sun 1/26/20		Patrick O'Neill
39	👤	📌	Develop login and sign up functionality	8 days	Thu 1/23/20	Sun 2/2/20	37	Harsh Patel,Sam Chast
40	👤	📌	Software design: account settings page	6 days	Mon 1/20/20	Sun 1/26/20		Thai Chu
41	👤	📌	Software design: achievement page	6 days	Mon 1/27/20	Sun 2/2/20		Thai Chu
42	👤	📌	Software design: statistical calculators	16 days	Mon 1/27/20	Sun 2/16/20		Patrick O'Neill
43	👤	📌	Software design: monitoring pages	11 days	Mon 2/3/20	Sun 2/16/20		Harsh Patel
44	👤	📌	Software design: interactive modules	16 days	Mon 1/27/20	Sun 2/16/20		Danlin Zhao,Sabrina Chue
45	📄👤	📌	Software design: labs	11 days	Mon 2/3/20	Sun 2/16/20		Sam Chast,Thai Chu
46	👤	📌	Software design: printable assignments	6 days	Mon 2/17/20	Sun 2/23/20		Harsh Patel
47	📄👤	📌	Software design: quizzes	6 days	Mon 2/17/20	Sun 2/23/20		Thai Chu
48	👤	📌	Develop student dashboard	6 days	Mon 2/17/20	Sun 2/23/20	30	Danlin Zhao
49	👤	📌	Develop teacher dashboard	6 days	Mon 2/17/20	Sun 2/23/20	31	Sabrina Chue
50	👤	📌	Import course content	6 days	Mon 2/17/20	Sun 2/23/20		Sam Chast
51	👤	📌	Develop admin dashboard	6 days	Mon 2/17/20	Sun 2/23/20	32	Patrick O'Neill
52	👤	📌	Develop account setting page	6 days	Mon 2/24/20	Sun 3/1/20	40	Harsh Patel
53	👤	📌	Develop achievement page	6 days	Mon 2/24/20	Sun 3/1/20	41	Sam Chast

ID		Task Mode	Task Name	Durati	Start	Finish	Predecessors	Resource Names
54			Develop admin monitoring page	6 days	Mon 2/24/20	Sun 3/1/20	43	Patrick O'Neill
55			Develop teacher monitoring page	5 days	Mon 3/2/20	Fri 3/6/20	43	Patrick O'Neill
56			Software design: teacher registering class page & student register with a teacher	6 days	Mon 3/9/20	Sun 3/15/20		Patrick O'Neill
57			Develop: teacher registering class page & student register with a teacher	6 days	Mon 3/16/20	Sat 3/21/20	56	Patrick O'Neill
58			Develop quizzes	16 da	Mon 3/2/20	Sat 3/21/20	47	Harsh Patel,Sam Chast
59			Develop interactive modules	16 da	Mon 3/2/20	Sat 3/21/20	44	Danlin Zhao,Sabrina Chue,Thai Chu
60			Software design implementation document					Everyone
61			**Project Development**	**56 da**	**Mon 3/30/20**	**Sat 6/13/20**		
62			Develop labs	11 da	Mon 3/30/20	Sun 4/12/20	45	Harsh Patel,Sam Chast
63			Develop tool for converting database to csv (admins only tool)	6 days	Mon 3/30/20	Sun 4/5/20	46	Patrick O'Neill,Thai Chu
64			Develop preliminary quizzes	6 days	Mon 3/30/20	Sun 4/5/20	58	Danlin Zhao
65			Develop statistical calculators home (accessible to all)	6 days	Mon 3/30/20	Sun 4/5/20		Sabrina Chue
66			Develop automatic grading system	6 days	Mon 4/13/20	Sun 4/19/20	58,59,62,64	Harsh Patel,Sam Chast
67			Develop functionality of the calculators & pages	11 days	Mon 4/6/20	Sun 4/19/20	65	Danlin Zhao,Patrick O'Neill,Sabrina Chue,Thai Chu

ID		Task Mode	Task Name	Durati	Start	Finish	Predecessors	Resource Names
68	👤	📌	Develop static feedback for interactive modules	6 days	Mon 4/20/20	Sun 4/26/20	59,66	Danlin Zhao,Sabrina Chue
69	👤	📌	Develop viewable answer key for labs	6 days	Mon 4/20/20	Sun 4/26/20	62	Harsh Patel,Sam Chast
70	👤	📌	Develop module completion checks	6 days	Mon 4/20/20	Sun 4/26/20	58,59,62,64	Thai Chu
71	👤	📌	Develop printable assignments	6 days	Mon 4/20/20	Sun 4/26/20	46	Patrick O'Neill
72	👤	📌	Badging system	6 day:	Mon 4/27/20	Sun 5/3/20	70	Patrick O'Neill
73		📌	**Project Testing**	**26 da**	**Mon 5/4/20**	**Sat 6/6/20**		
74	👤	📌	Use code coverage tools	21 days	Mon 5/4/20	Sun 5/31/20		Everyone
75	👤	📌	Test all intended functionality	21 days	Mon 5/4/20	Sun 5/31/20		Everyone
76		📌	Check the account security	5 days	Mon 5/18/20	Fri 5/22/20		Sam Chast
77		📌	Check the database security	5 days	Mon 5/18/20	Fri 5/22/20		Harsh Patel
78	👤	📌	Software Testing Documentation	11 days	Mon 5/25/20	Sat 6/6/20		Everyone
79		📌	**Project Release**	**7 day**	**Sun 6/7/20**	**Sat 6/13/20**		
80	👤	📌	Release Notes Document	7 days	Sun 6/7/20	Sat 6/13/20		Everyone