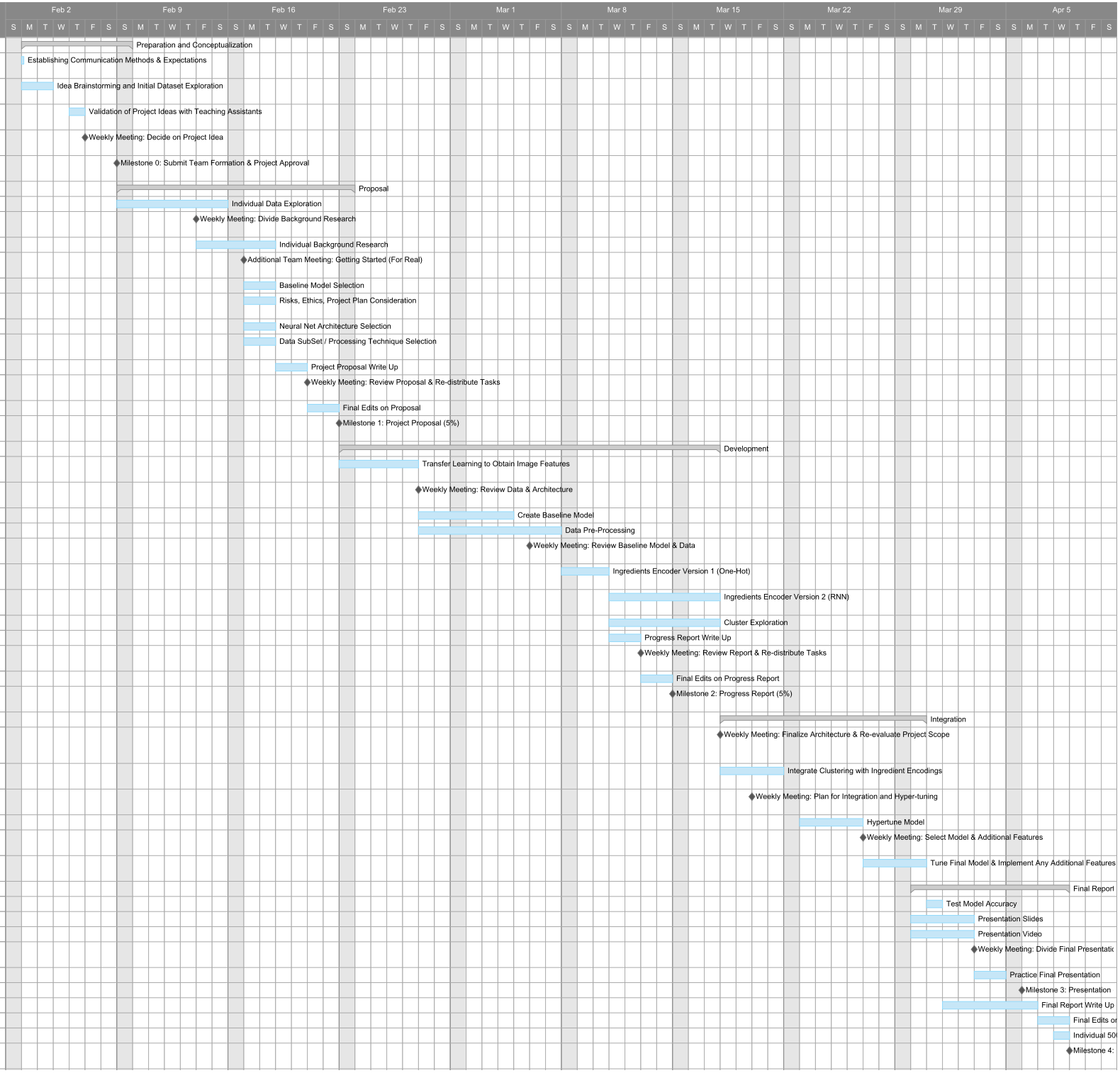	Task Name	Duration	Start	Finish	Assigned To
1	**Preparation and Conceptualization**	6d	03/02/20	09/02/20	
2	Establishing Communication Methods & Expectations	1h	03/02/20	03/02/20	All
3	Idea Brainstorming and Initial Dataset Exploration	2d	03/02/20	04/02/20	All
4	Validation of Project Ideas with Teaching Assistants	1d	06/02/20	06/02/20	SS, AA
5	Weekly Meeting: Decide on Project Idea	0	07/02/20	07/02/20	All
6	Milestone 0: Submit Team Formation & Project Approval	0	09/02/20	09/02/20	AA
7	**Proposal**	13d	09/02/20	23/02/20	
8	Individual Data Exploration	7d	09/02/20	15/02/20	All
9	Weekly Meeting: Divide Background Research	0	14/02/20	14/02/20	All
10	Individual Background Research	4d	14/02/20	18/02/20	All
11	Additional Team Meeting: Getting Started (For Real)	0	17/02/20	17/02/20	All
12	Baseline Model Selection	2d	17/02/20	18/02/20	MS, SS
13	Risks, Ethics, Project Plan Consideration	2d	17/02/20	18/02/20	MS, SS
14	Neural Net Architecture Selection	2d	17/02/20	18/02/20	AA, AC
15	Data SubSet / Processing Technique Selection	2d	17/02/20	18/02/20	AA, AC
16	Project Proposal Write Up	2d	19/02/20	20/02/20	All
17	Weekly Meeting: Review Proposal & Re-distribute Tasks	0	21/02/20	21/02/20	All
18	Final Edits on Proposal	2d	21/02/20	22/02/20	All
19	Milestone 1: Project Proposal (5%)	0	23/02/20	23/02/20	AC
20	**Development**	21d	23/02/20	17/03/20	
21	Transfer Learning to Obtain Image Features	5d	23/02/20	27/02/20	AA, AC
22	Weekly Meeting: Review Data & Architecture	0	28/02/20	28/02/20	
23	Create Baseline Model	5d	28/02/20	04/03/20	SS, AC
24	Data Pre-Processing	8d	28/02/20	07/03/20	MS, AA
25	Weekly Meeting: Review Baseline Model & Data	0	06/03/20	06/03/20	All
26	Ingredients Encoder Version 1 (One-Hot)	3d	08/03/20	10/03/20	All
27	Ingredients Encoder Version 2 (RNN)	6d	11/03/20	17/03/20	AC
28	Cluster Exploration	6d	11/03/20	17/03/20	AC
29	Progress Report Write Up	2d	11/03/20	12/03/20	All
30	Weekly Meeting: Review Report & Re-distribute Tasks	0	13/03/20	13/03/20	All
31	Final Edits on Progress Report	2d	13/03/20	14/03/20	All
32	Milestone 2: Progress Report (5%)	0	15/03/20	15/03/20	MS
33	**Integration**	11d	18/03/20	30/03/20	
34	Weekly Meeting: Finalize Architecture & Re-evaluate Project Scope	0	18/03/20	18/03/20	All
35	Integrate Clustering with Ingredient Encodings	4d	18/03/20	21/03/20	AA, SS
36	Weekly Meeting: Plan for Integration and Hyper-tuning	0	20/03/20	20/03/20	All
37	Hypertune Model	4d	23/03/20	26/03/20	AA, SS
38	Weekly Meeting: Select Model & Additional Features	0	27/03/20	27/03/20	All
39	Tune Final Model & Implement Any Additional Features	3d	27/03/20	30/03/20	All
40	**Final Report**	9d	30/03/20	09/04/20	
41	Test Model Accuracy	1d	31/03/20	31/03/20	All
42	Presentation Slides	4d	30/03/20	02/04/20	AA, AC
43	Presentation Video	4d	30/03/20	02/04/20	MS, SS
44	Weekly Meeting: Divide Final Presentation Sections	0	03/04/20	03/04/20	All
45	Practice Final Presentation	2d	03/04/20	04/04/20	All
46	Milestone 3: Presentation (10%)	0	06/04/20	06/04/20	AA
47	Final Report Write Up	5d	01/04/20	06/04/20	All
48	Final Edits on Final Report	2d	07/04/20	08/04/20	All
49	Individual 500 word Addendum	1d	08/04/20	08/04/20	All
50	Milestone 4: Project Report & Validation (20%)	0	09/04/20	09/04/20	SS