

Activity Table

Activity Number	Activity Name	Dependencies	Duration	Pessimist Time	Optimist Time
1	Declaring skills to the members		1	2	1
2	Meeting with the business manager		1	2	1
3	Assigning group roles	1	1	2	1
4	Deciding on project roles	2	1	2	1
5	Sketches	4	4	6	3
6	Prototyping	5	10	12	8
7	User stories	4	4	5	3
8	Use scenarios	7	4	5	3
9	Use Case Diagrams	8	6	9	5
10	Use Tables	9	4	5	3
11	Functional Requirements	7	2	3	1
12	Nonfunctional Requirements	7	4	5	3
13	Activity Diagrams	10	4	5	3
14	State Diagrams	9	6	7	5
15	Swimlane Diagrams	13	5	6	3
16	ERD	9	4	5	3
17	Relational Schema	16	3	4	2
18	Data flow diagram	17	9	11	8
19	Sequence	13,14,15	5	6	4
20	Collaboration	19	4	5	2
21	Class Diagram	18,20	5	6	3
22	Object Diagram	21	3	4	2
23	Coding separation of work	6,11,12,13,22	1	2	1

24	Creation of models	23	4	5	2
25	Creating controllers and routes	24	5	7	3
26	Create REST API	24	6	8	3
27	Create Client page	24	8	10	6
28	Create Admin Page	24	8	10	6
29	Create Economist Page	24	8	10	6
30	Component diagram	27,28,29	3	4	2
31	Deployment diagram	30	3	4	2