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Course: Software Project Management

Course Code: SE4273

Submitted to: Respected Sir Dr. Azhar Mahmood

Assignment: Costing and Dependencies (FYP-Project)

Assignment Number: 03

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WBS Work Break Down Structure

Three Points Estimation PERT

Task Name	Most Likely (tm)	Optimistic (to)	Pessimistic (tp)	TE = (to+4tm+tp)/6	Round Off
FYP Team Selection	1	2	3	1.5	2
FYP Supervisor Selection	2	2	4	2.333333333	2
Meeting Supervisor	1	2	3	1.5	2
Team & Supervisor Finalization	1	2	3	1.5	2
Analysing Market Need Projects	2	3	4	2.5	3
Analysing Ai Based Projects	2	3	4	2.5	3
Finding Sponsored Projects from Industry	3	4	5	3.5	4
Finalizing the Project	1	2	4	1.666666667	2
Gathering information from Existing NLP Projects	2	3	4	2.5	3
Alalysing Existing systems	1	2	4	1.666666667	2
Proposal Writing	2	3	4	2.5	3
Slides Designing	1	2	3	1.5	2
Presenting to Supervisor	1	2	3	1.5	2
Finalizing the proposal	1	2	3	1.5	2
Defending Project to FYP Panel	1	1	1	1	1
Gathering Stakeholders Requirements	2	4	5	2.833333333	3
Analysing Requirements	2	3	4	2.5	3
Documenting Functional Requirements	2	3	5	2.666666667	3
Documenting Non - Functional Requirements	2	3	6	2.833333333	3
Use Case Designing	2	3	5	2.666666667	3
Analysing the work with supervisor	1	2	4	1.666666667	2
Finalizing the Functional & Non -Functional Requirements	2	3	5	2.666666667	3
Presenting the work to Supervisor	1	2	3	1.5	2
Designing Sequence Diagram	2	4	6	3	3
Domain Model Designing	2	3	5	2.666666667	3
Reviewing the Progress	1	2	3	1.5	2
Finalizing the Requirements & Specifications	2	3	5	2.666666667	3
Presenting to Supervisor	1	2	3	1.5	2
Analysing System Architecture	2	3	4	2.5	3
Designing Class Diagram	2	3	4	2.5	3
Analysing System flows	4	5	8	4.833333333	5
Designing System flow Diagrams	4	6	8	5	5
Designing ERD	2	3	4	2.5	3
Presenting to Supervisor	1	2	2	1.333333333	1
Dedining DB Schema	2	3	4	2.5	3
Interface Designing	7	10	14	8.666666667	9
Analysing COTS	3	5	7	4	4
Presenting to Supervisor	1	1	1	1	1
Finalizing the System Design	2	3	4	2.5	3
Language and IDE Selection	1	2	3	1.5	2
Language and IDE Finalizing	2	3	4	2.5	3
Converting Architecture to Code using Enterprise Architecture	1	2	3	1.5	2
Presenting to Supervisor	1	1	2	1.166666667	1
Task Spliting	1	2	3	1.5	2
Implementing Code to input Document	1	2	4	1.666666667	2
Document checking with Standard IEEE SRS Document	1	2	3	1.5	2
Stop words Removing from Document	2	3	5	2.666666667	3
Ambigious Words Lexicon Designing	4	5	9	5	5
Integrate GUI with Code	4	5	9	5	5
Presenting to Supervisor	1	1	1	1	1
Analysing the word done	2	3	5	2.666666667	3
Incomplete Sentence Indentification	5	6	8	5.666666667	6
Ambigious Sentence Identification	5	6	9	5.833333333	6
Report Generation	3	5	6	3.833333333	4
Saving Document	2	3	4	2.5	3
Access Defining	3	5	6	3.833333333	4
Presenting to Supervisor	1	1	1	1	1
Analysing the Implementation	3	5	6	3.833333333	4
Login Test Case Designing	1	2	3	1.5	2
Input Document Test Case Designing	1	2	3	1.5	2
Wrong Input Test Case Designing	1	2	3	1.5	2
Ambigious words Test Case Designing	2	3	4	2.5	3
Designing Incomplete Sentence Test Case	2	3	4	2.5	3
Invalid Login Test Case Designing	2	3	4	2.5	3
Report Generation Test Case Designing	2	3	4	2.5	3
Test Case Analysis	2	5	6	3.166666667	3
Presenting to Supervisor	1	1	1	1	1
Alpha Testing of Whole System	10	15	20	12.5	13
Analysing the results	5	6	8	5.666666667	6
Presenting to Supervisor	1	1	1	1	1
Finalizing the Testing Part	7	9	12	8.166666667	8
Deploying the System in Users Environment	2	3	5	2.666666667	3
Analysing the system in end users environment	10	12	15	11.16666667	11
Writing the Anaysis Report of Test Cases	5	6	9	5.833333333	6
					239

Figure 1: Three Points Estimation PERT

Gantt Chart

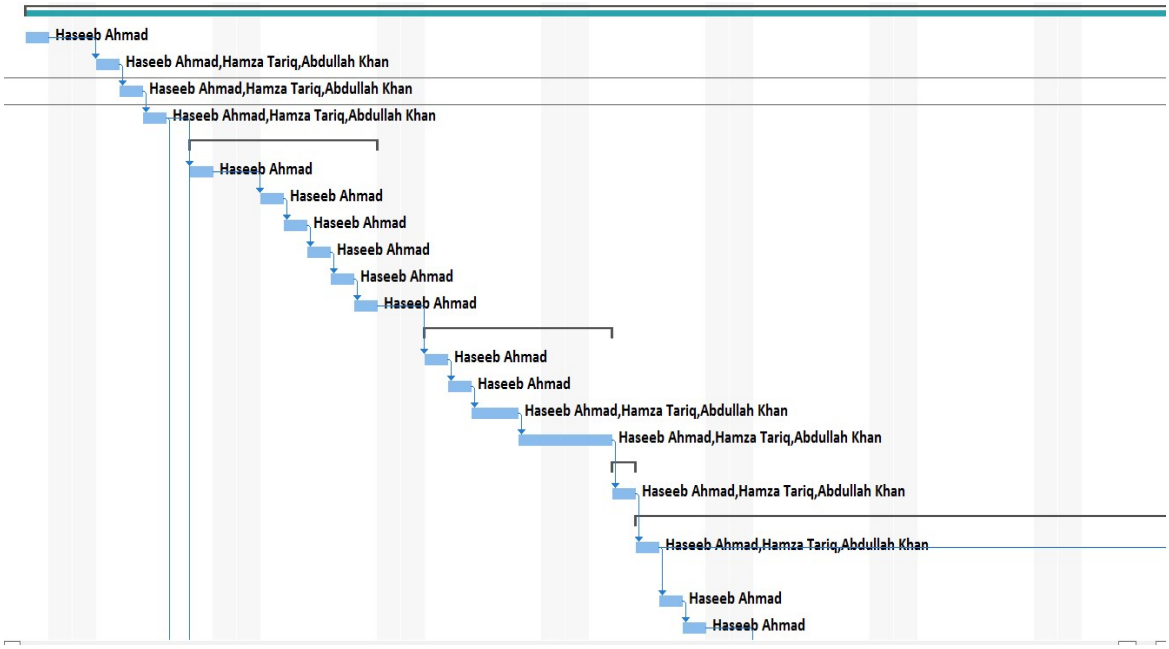

Figure 2: Chart 1

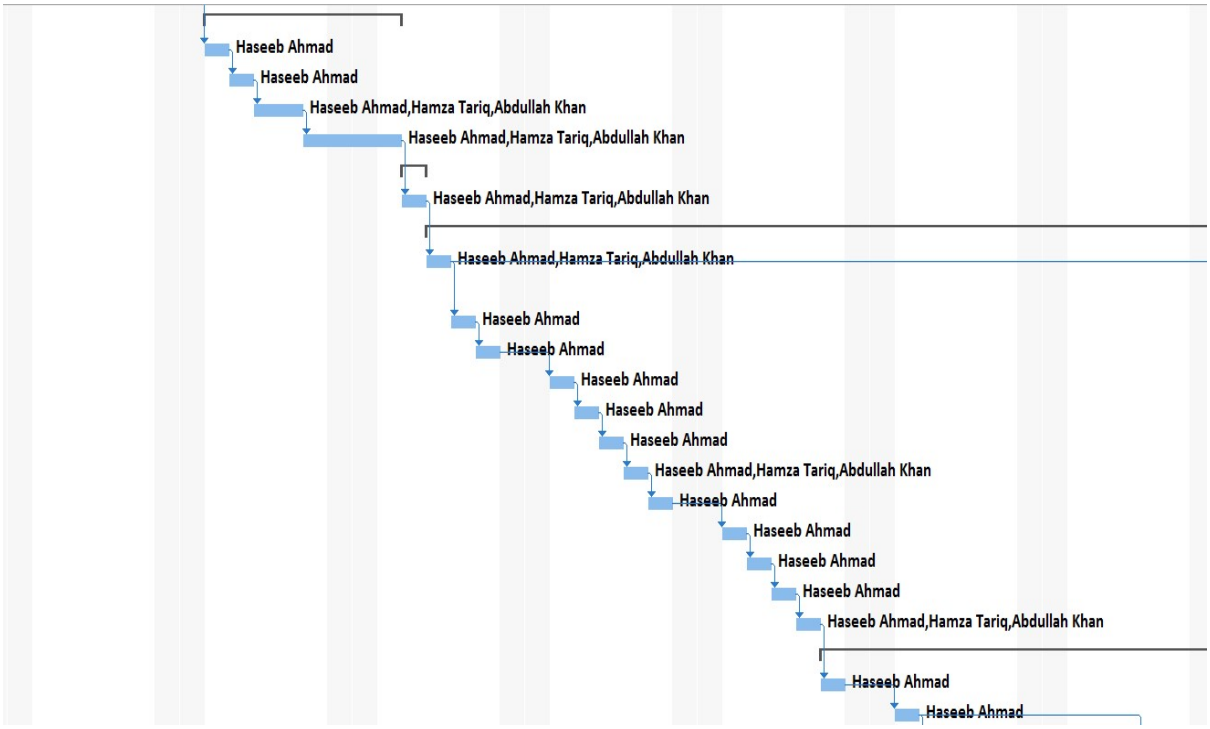

Figure 3: Chart 2

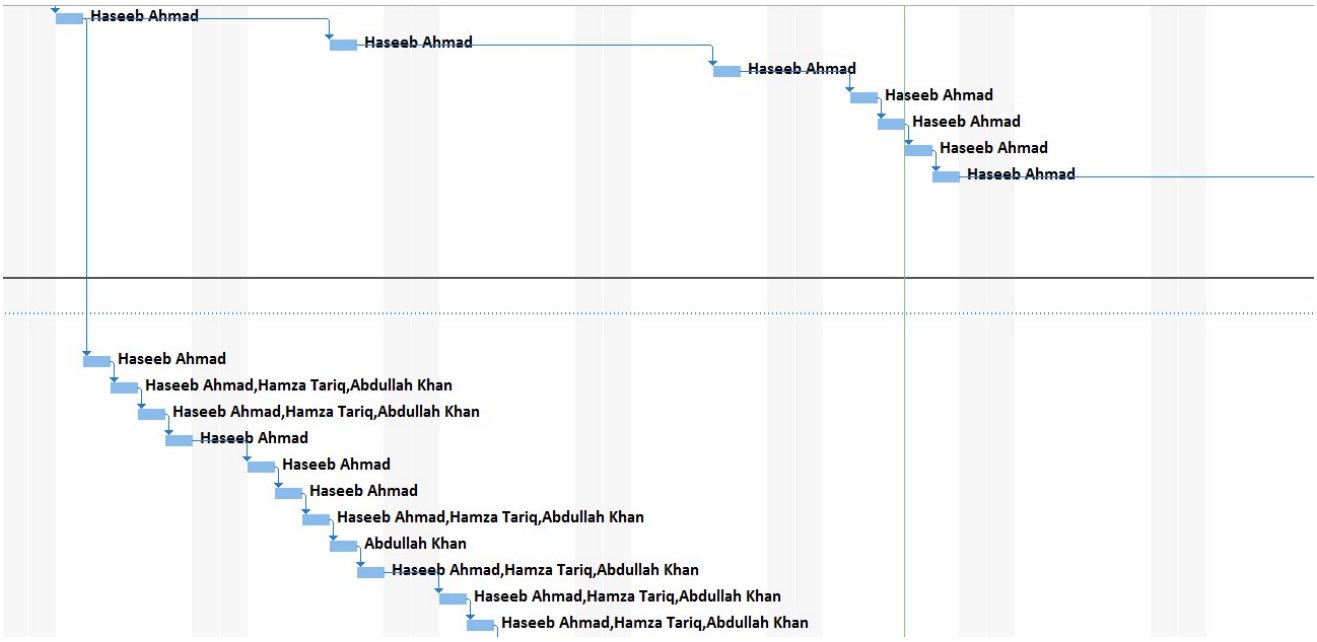

Figure 4: Chart 3

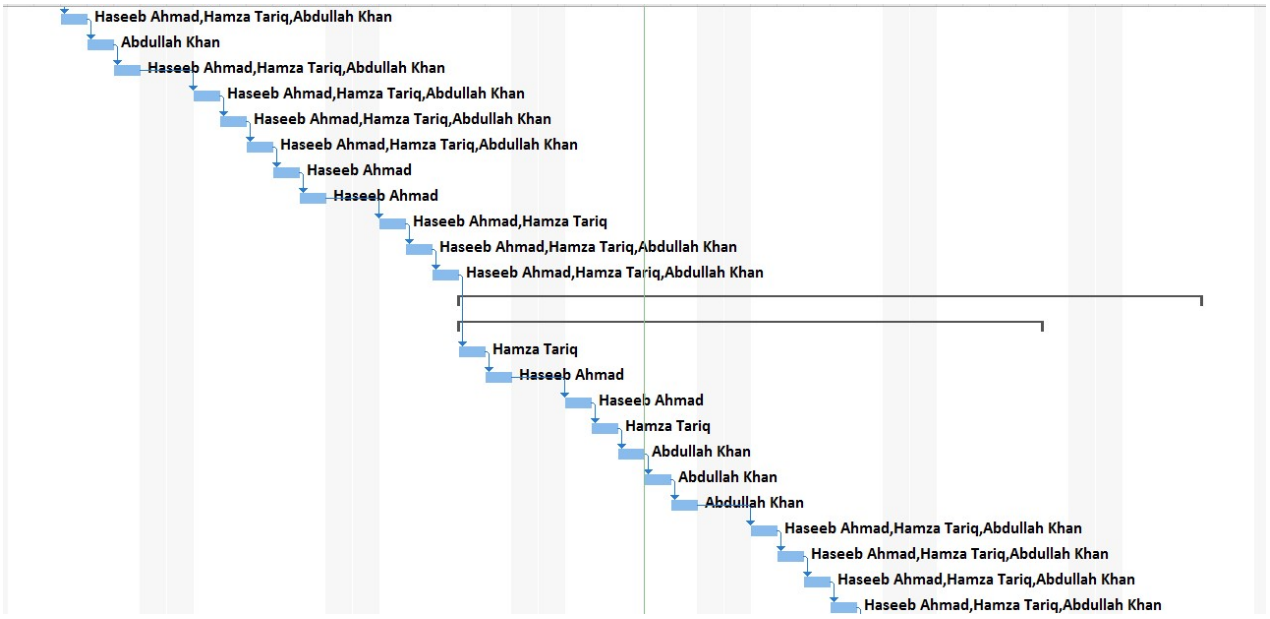

Figure 5: Chart 4

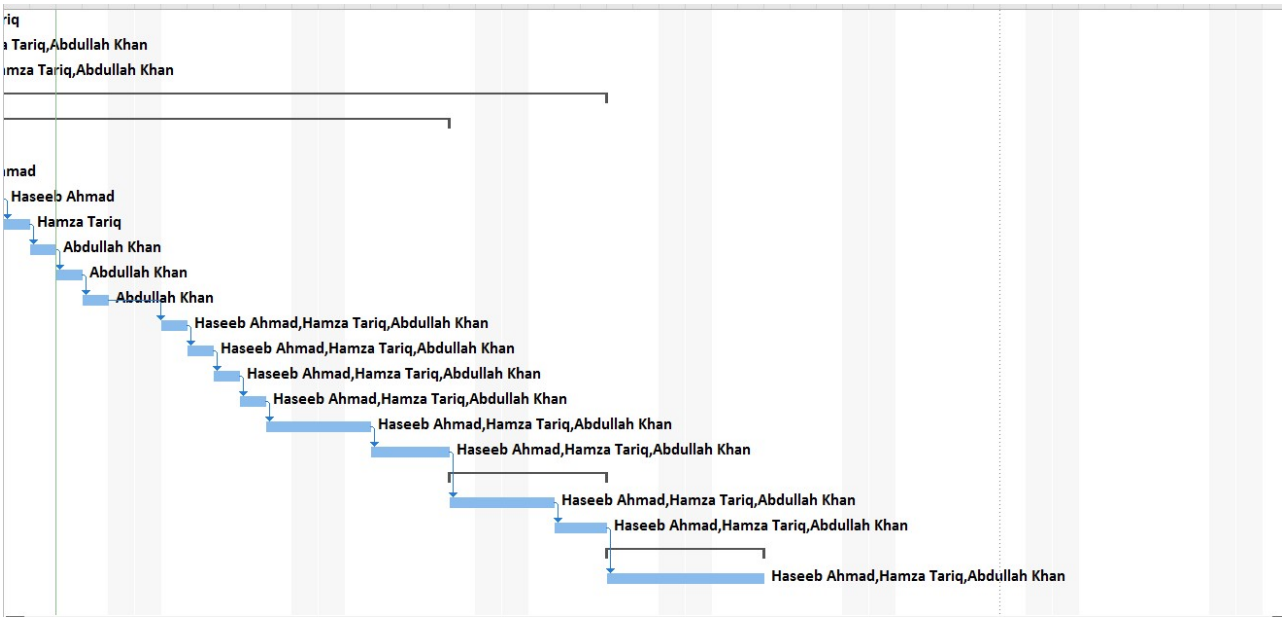

Figure 6: Chart 5

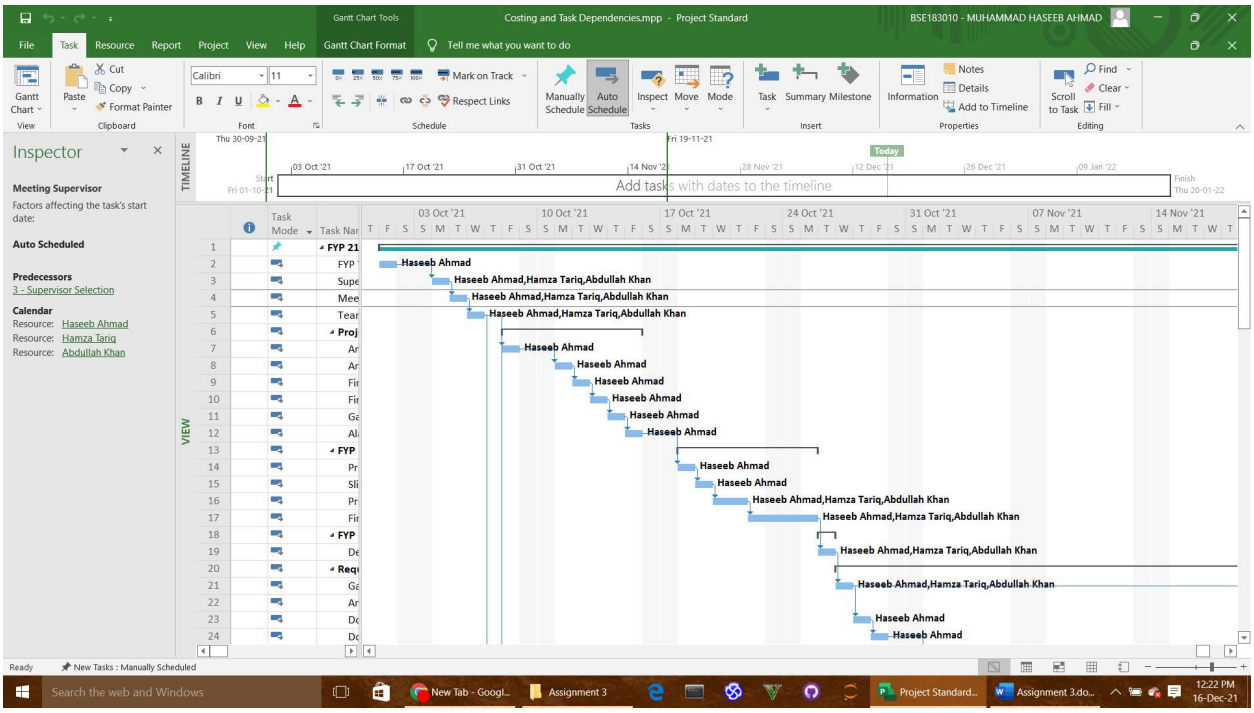

Figure 7: Tool Screenshot 1

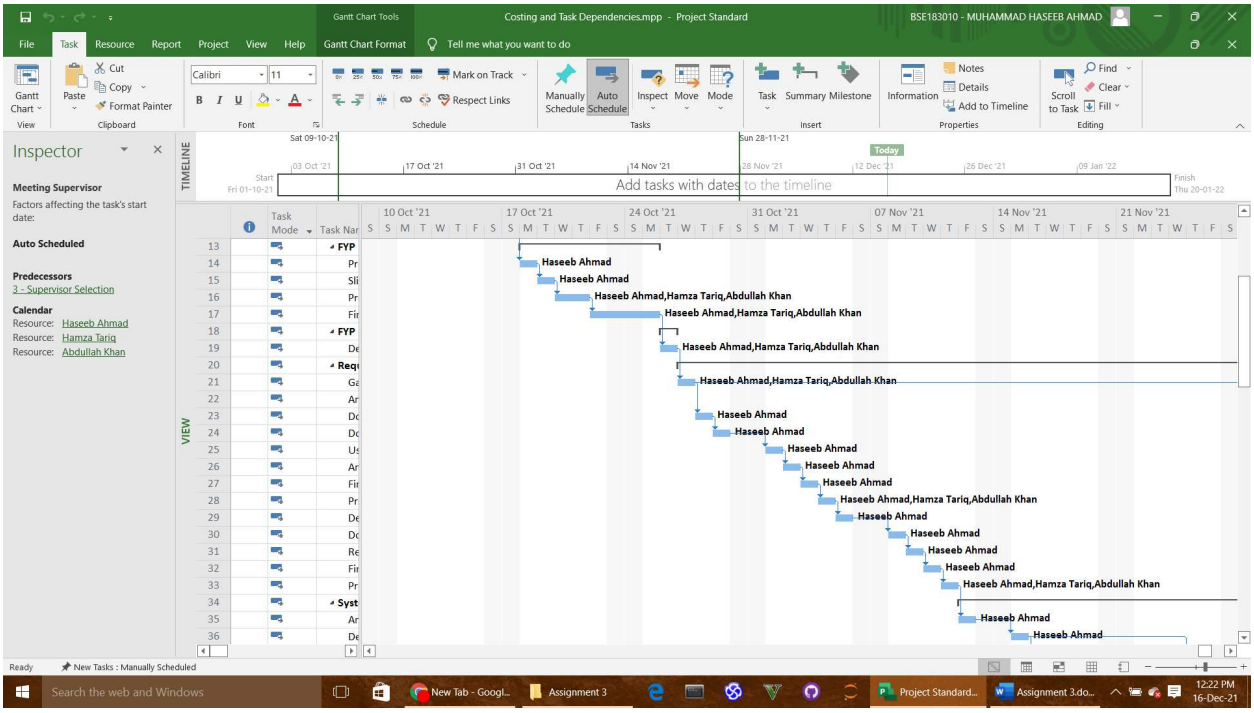

Figure 8Tool Screenshot 2

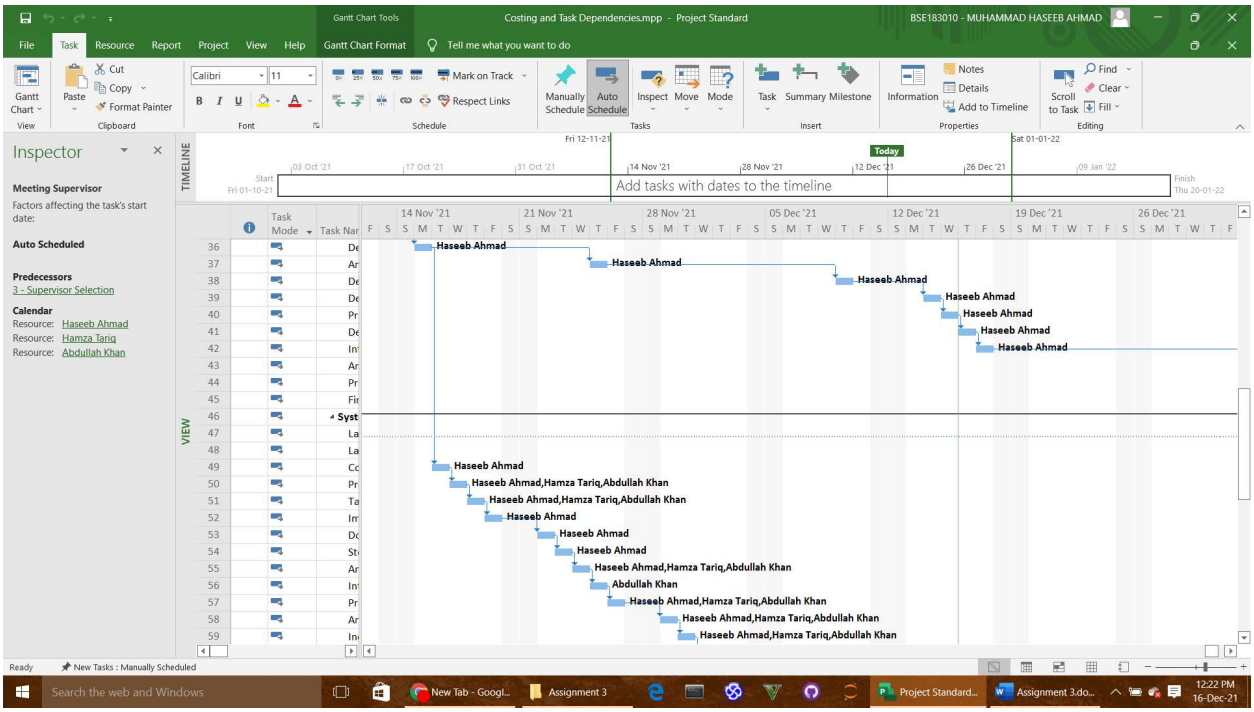

Figure 9Tool Screenshot 3

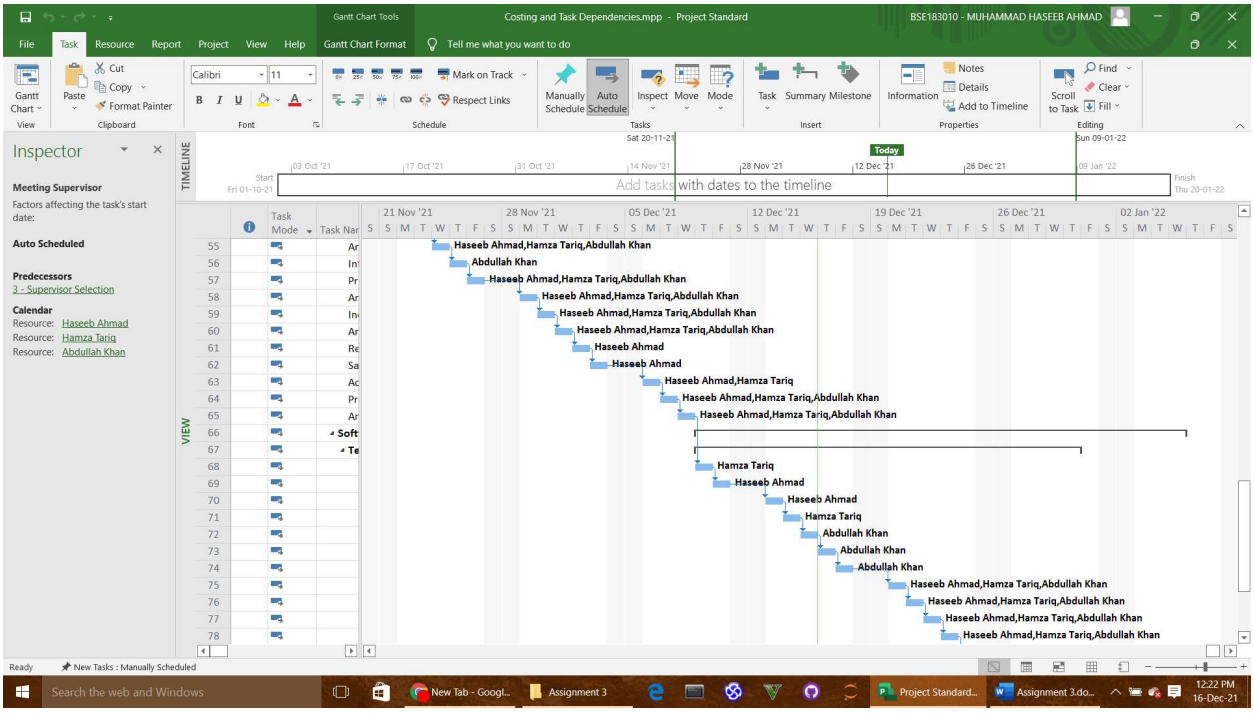

Figure 10 Tool Screenshot 4

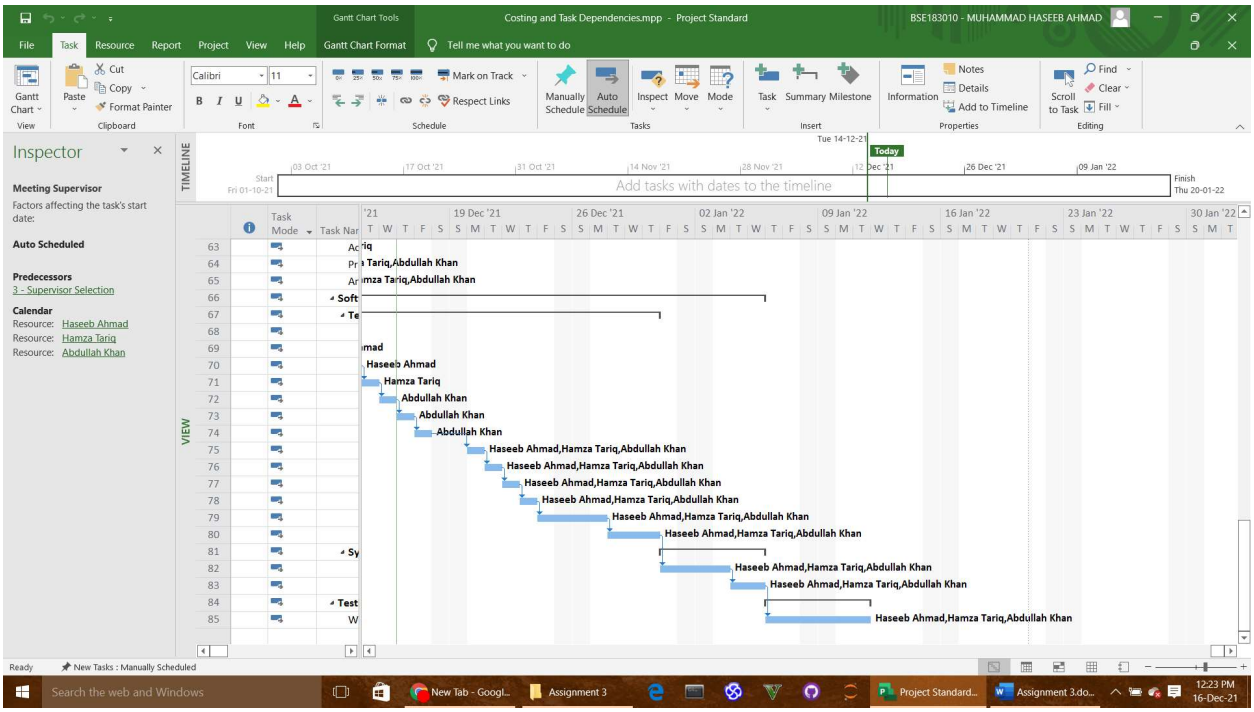

Figure 11 Tool Screenshot 5