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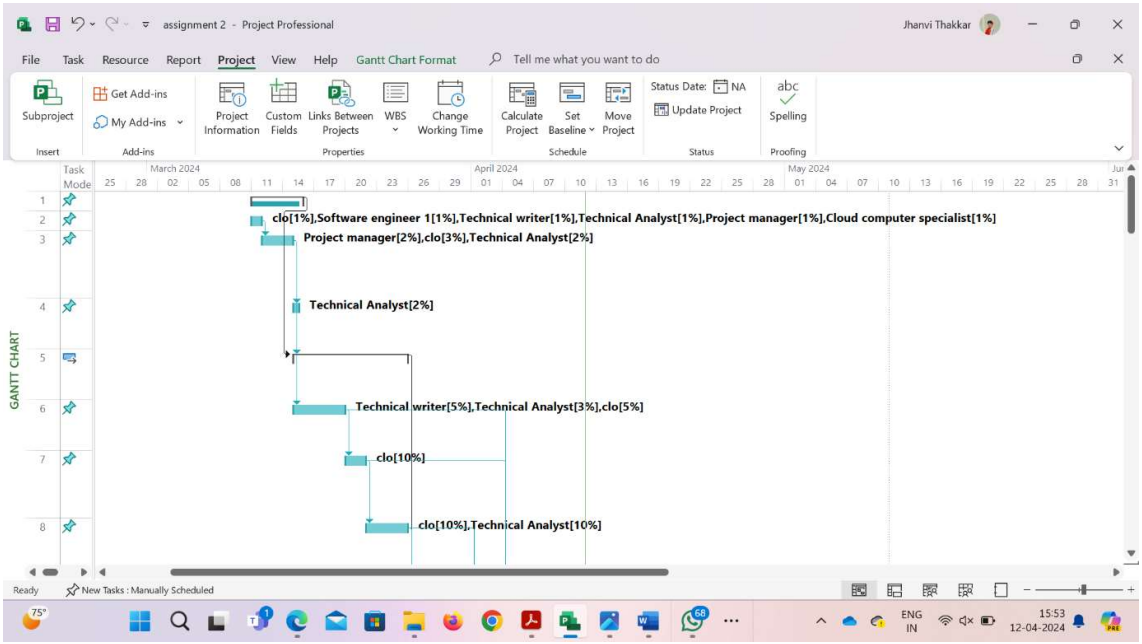
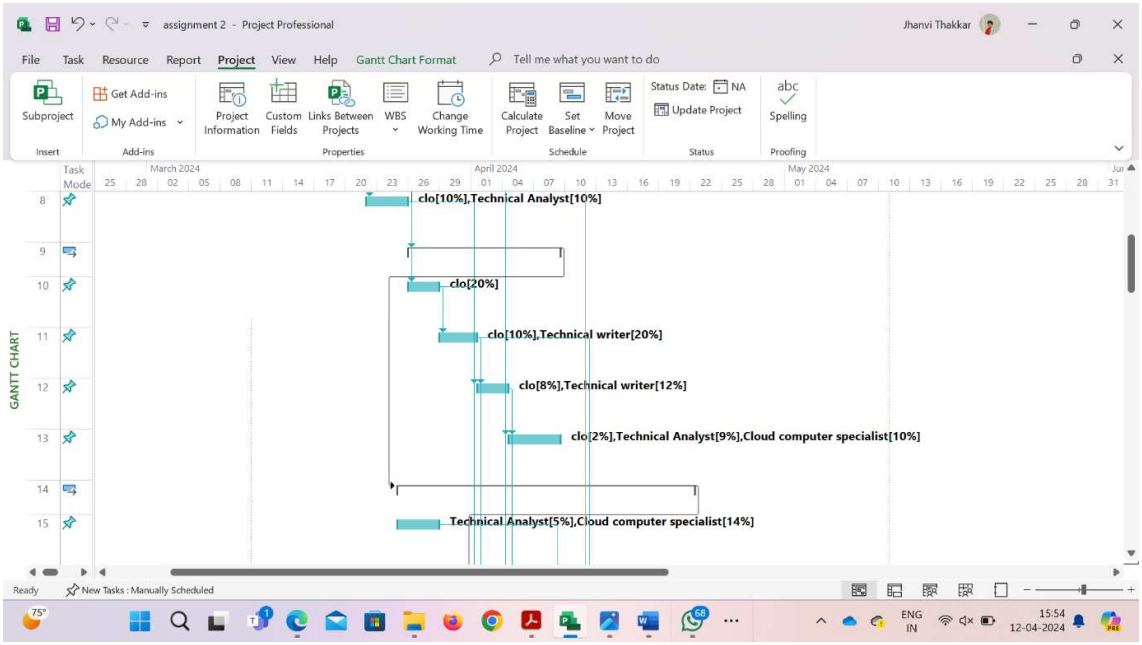
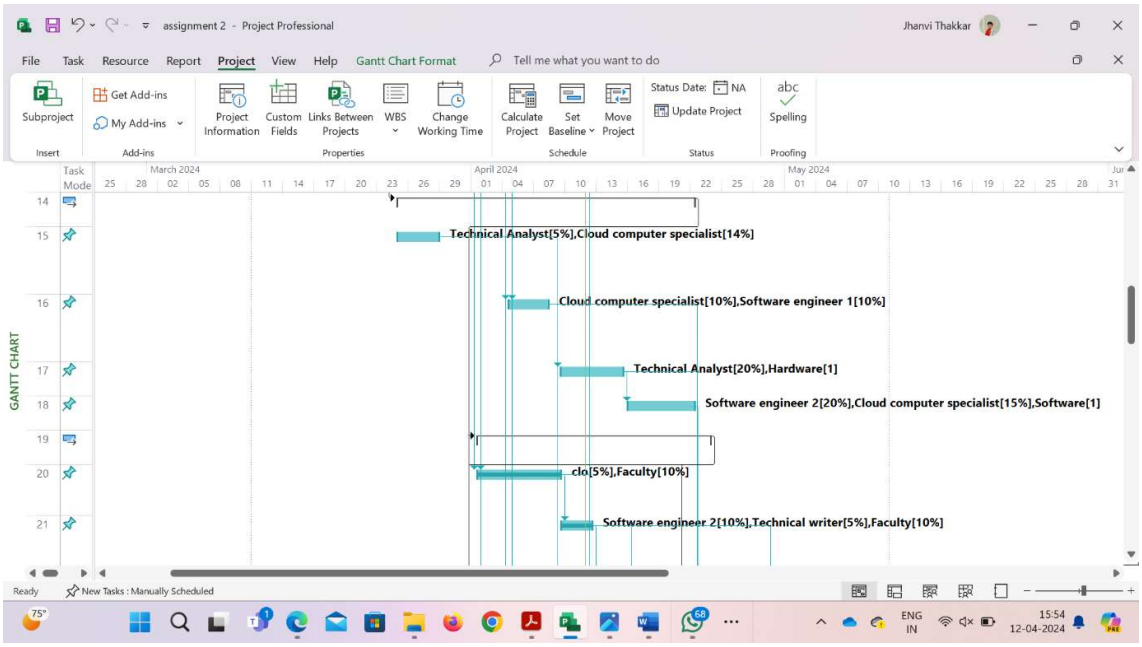
INTRODUCTION

The scope of my project is to increase the amount of digitalized delivery of educational content on the Macquarie university campus. As MQ university already delivers educational content digitally, it would be beneficial if the content is more engaging for students. The project consists of evaluating present digitalized content at Macquarie and developing strategy to build more digitalized content. The resources consist of BA, TA, CC, TW, PM, SE and faculty. Faculty is an added as a resource for making the process easier by including stakeholder (faculty) at some steps of the project. They are involved at steps like generating digital content. Faculty members contribute a distinct viewpoint and use their knowledge to creatively and pertinently integrate digital resources. Some other material resources added for the project to work are required updates in hardware infrastructure and software. I have focused my effort to improving the effectiveness and engagement of digital content and developing technology capabilities. The project starts on 11th march and continues till 10th may.

GANTT CHART




assignment 2 - Project Professional
Jhanvi Thakkar
File Task Resource Report Project View Help Gantt Chart Format
Tell me what you want to do
Subproject
Get Add-ins
My Add-ins
Project Information
Custom Fields
Links Between Projects
WBS
Change Working Time
Calculate Project
Set Baseline
Move Project
Status Date: NA
Update Project
Spelling
Insert
Add-ins
Properties
Schedule
Status
Proofing
March 2024
April 2024
May 2024
GANTT CHART
clo[10%],Technical Analyst[10%]
clo[20%]
clo[10%],Technical writer[20%]
clo[8%],Technical writer[12%]
clo[2%],Technical Analyst[9%],Cloud computer specialist[10%]
Technical Analyst[5%],Cloud computer specialist[14%]
Ready
New Tasks : Manually Scheduled
ENG IN
15:54
12-04-2024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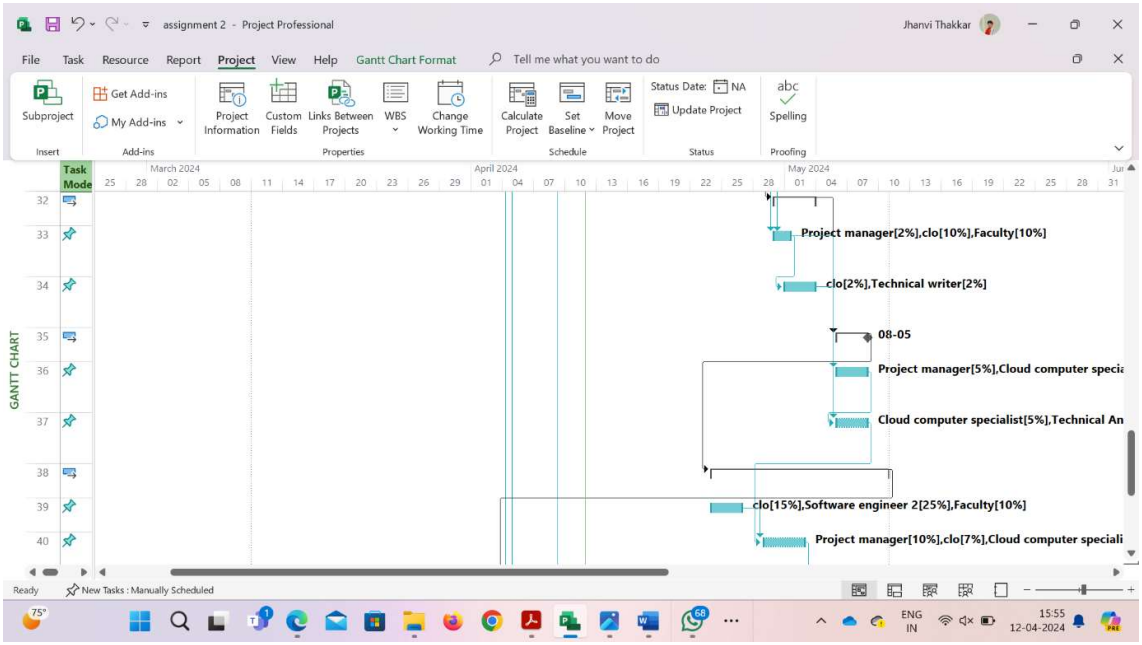
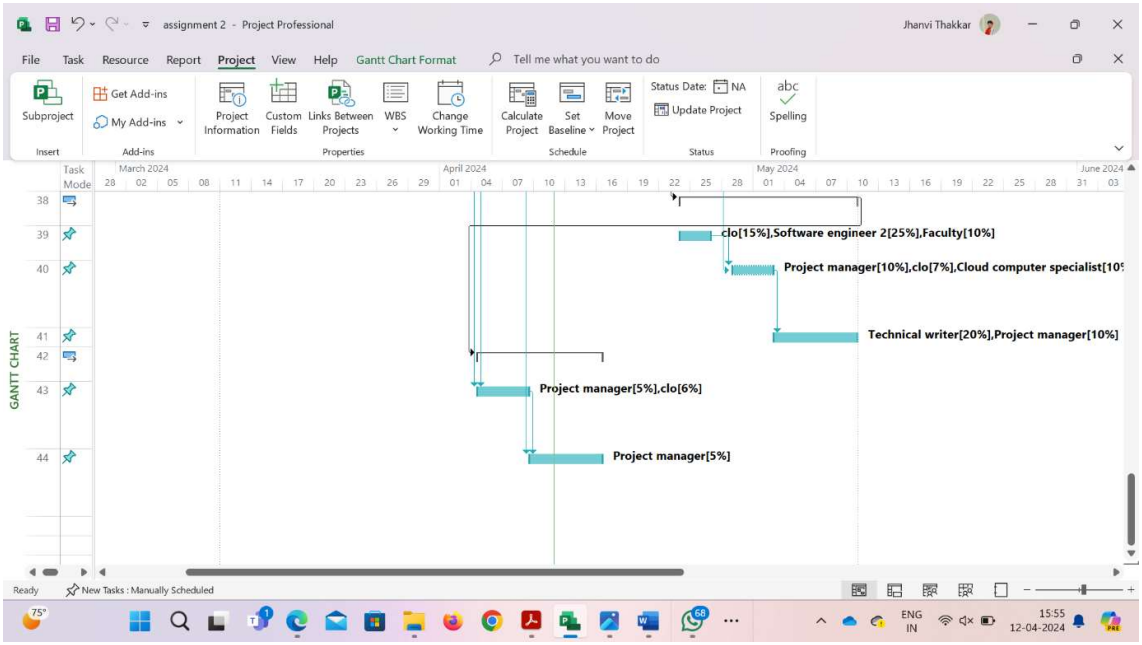
Set Baseline
Move Project
Status Date: NA
Update Project
Spelling
Insert
Add-ins
Properties
Schedule
Status
Proofing
March 2024
April 2024
May 2024
GANTT CHART
Technical Analyst[5%],Cloud computer specialist[14%]
Cloud computer specialist[10%],Software engineer 1[10%]
Technical Analyst[20%],Hardware[1]
Software engineer 2[20%],Cloud computer specialist[15%],Software[1]
clo[5%],Faculty[10%]
Software engineer 2[10%],Technical writer[5%],Faculty[10%]
Ready
New Tasks : Manually Scheduled
ENG IN
15:54
12-04-2024

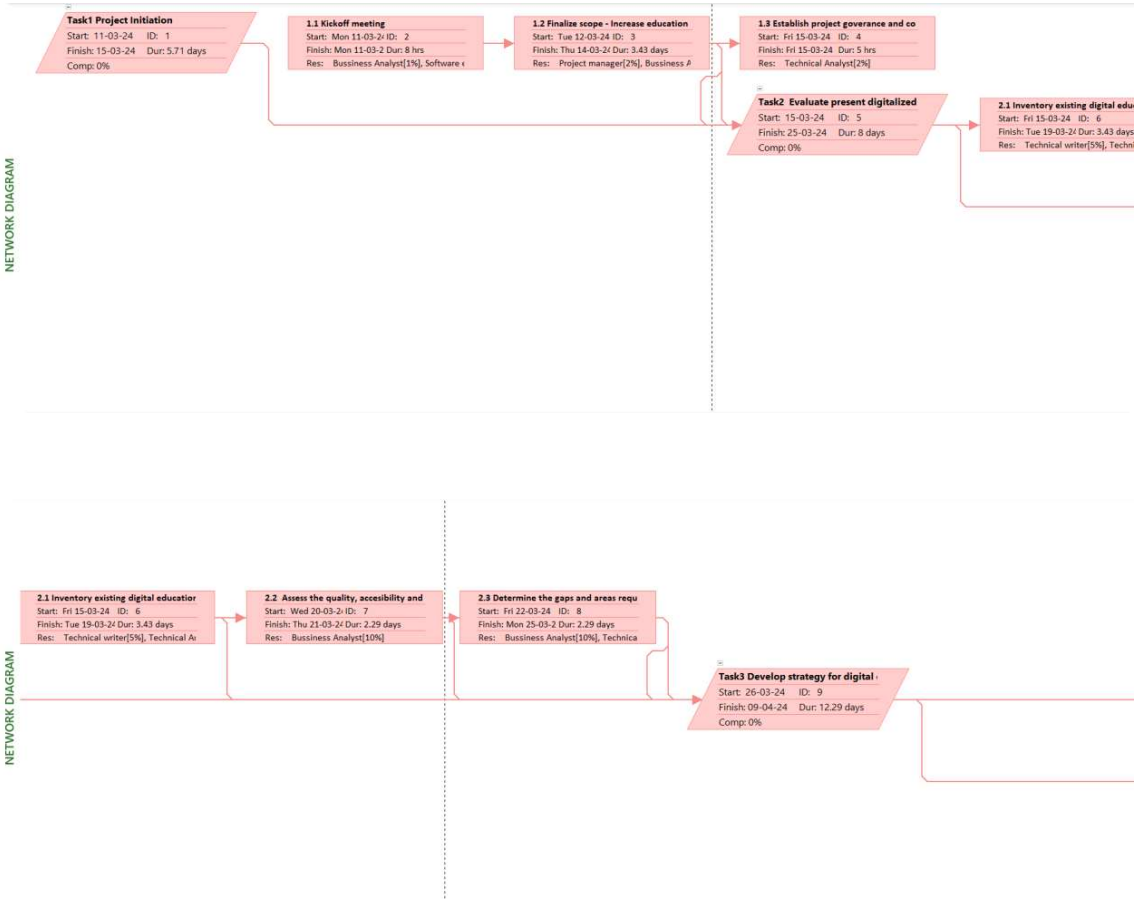


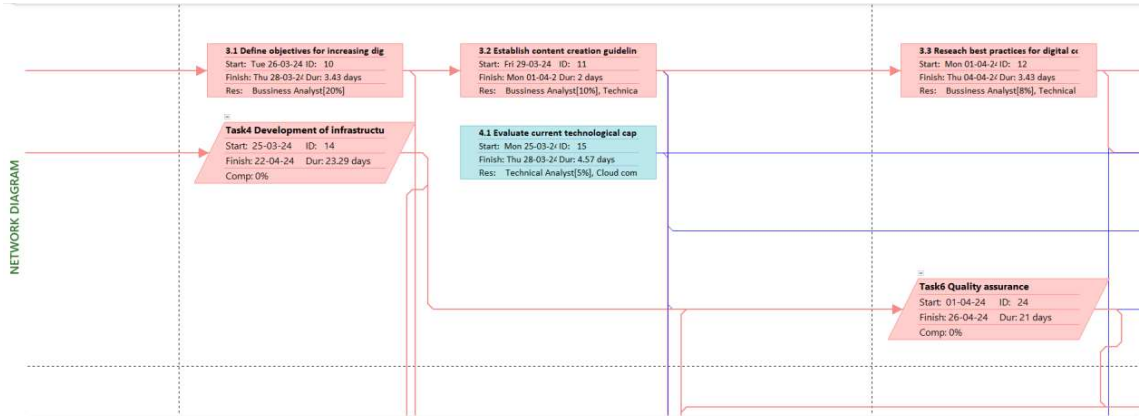


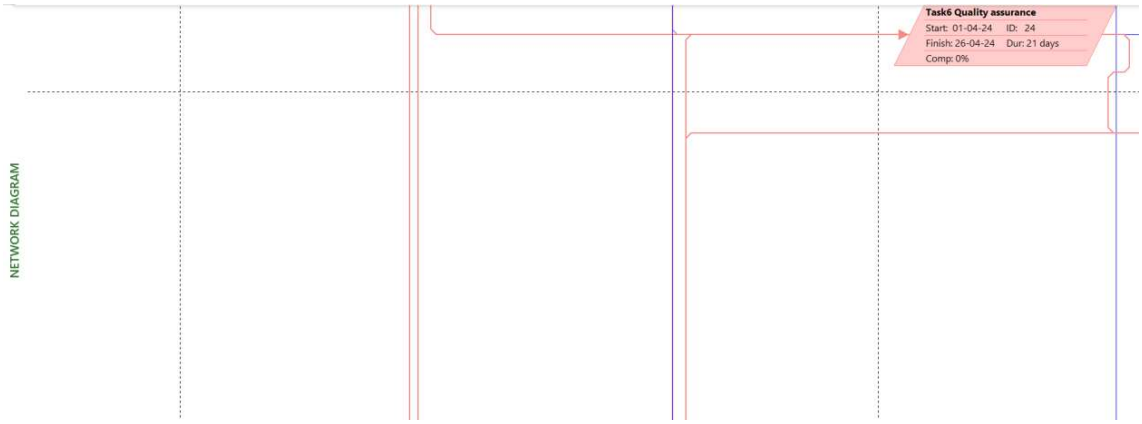
This Gantt chart represents the staffing plan for a project over the course of several months, from March 2024 to August 2024. The chart shows the different roles and their respective percentage allocations over time. As in MS project the hours per week are 40 hours, so for the assignment the hours are 10 per week, so the maximum unit would be 25%. For the initiation almost all the resources are used for only 1% as the time duration for the kick-off meeting is just 1 hour. The resources are divided in a way of weightage of each task. Resources are

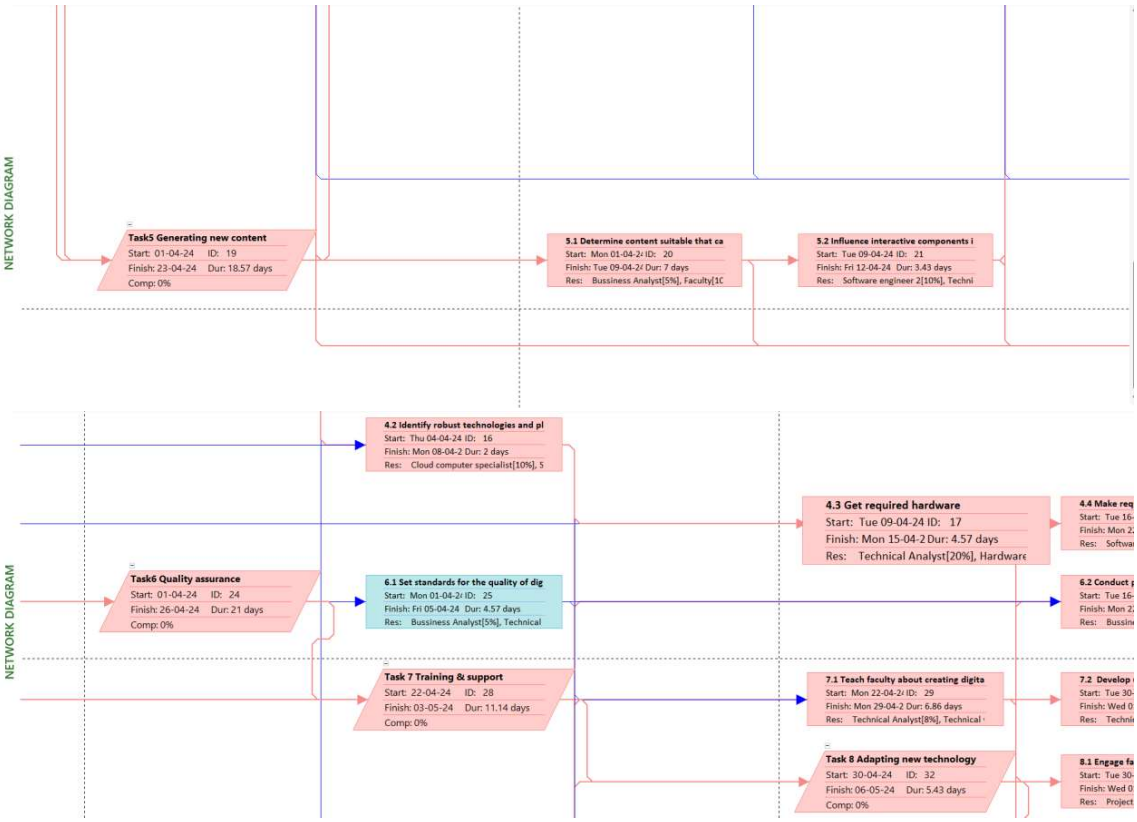
assigned on the basis of their capability and the amount of work required by them for a particular task. There are some tasks that start parallelly and have a long duration, as it is assumed that the resources work on other projects, along with this. In the start of the project the business analyst, project manager and technical analyst has more contribution, while at the steps like developing infrastructure and monitoring other resources like software engineers and cloud computer specialist have a greater workload. Therefore, the resources have not equal amount of work every week. The work is divided on the basis of project's need at the time. The overall staffing plan shows an adaptable approach to resource allocation.

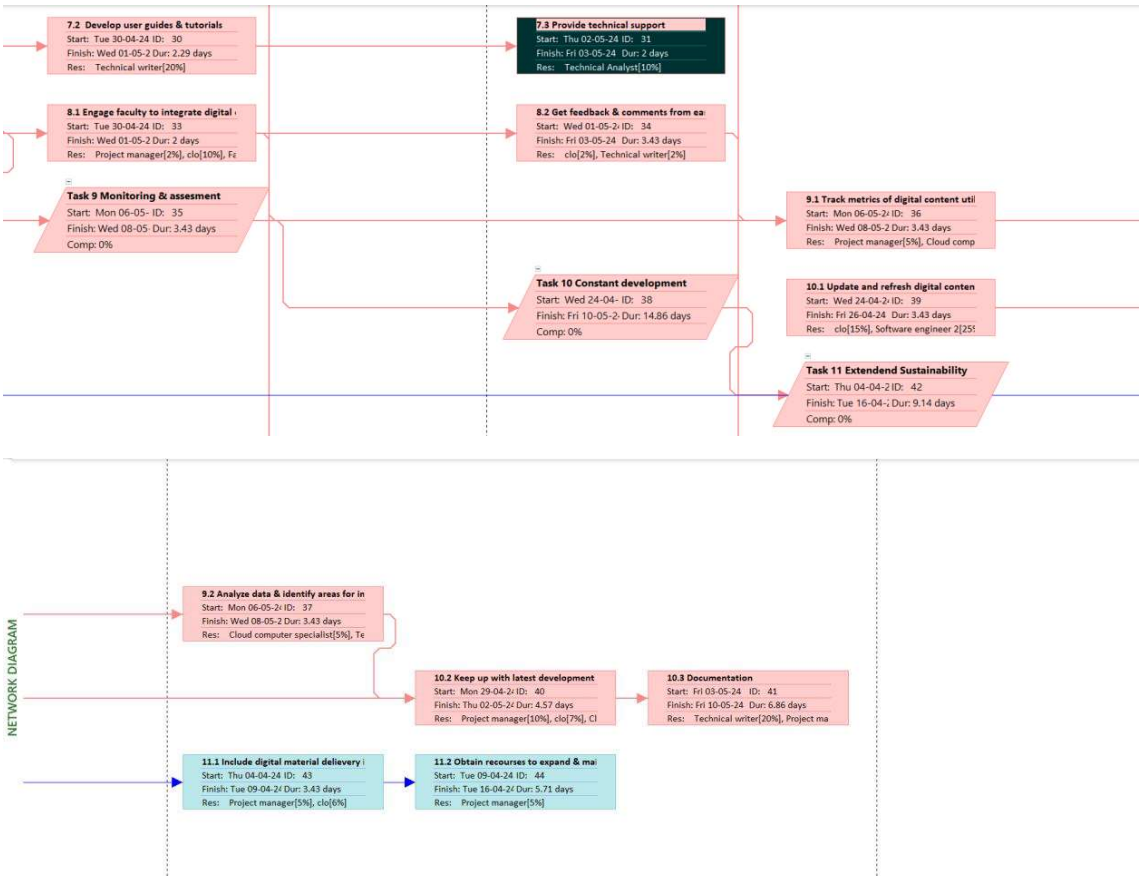
NETWORK DIAGRAM




NETWORK DIAGRAM
3.1 Define objectives for increasing dig
Start: Tue 26-03-24 ID: 10
Finish: Thu 28-03-24 Dur: 3.43 days
Res: Bussiness Analyst[20%]
3.2 Establish content creation guidelin
Start: Fri 29-03-24 ID: 11
Finish: Mon 01-04-2 Dur: 2 days
Res: Bussiness Analyst[10%], Technica
3.3 Reseach best practices for digital c
Start: Mon 01-04-24 ID: 12
Finish: Thu 04-04-24 Dur: 3.43 days
Res: Bussiness Analyst[8%], Technical
Task4 Development of infrastructu
Start: 25-03-24 ID: 14
Finish: 22-04-24 Dur: 23.29 days
Comp: 0%
4.1 Evaluate current technological cap
Start: Mon 25-03-24 ID: 15
Finish: Thu 28-03-24 Dur: 4.57 days
Res: Technical Analyst[5%], Cloud com
Task6 Quality assurance
Start: 01-04-24 ID: 24
Finish: 26-04-24 Dur: 21 days
Comp: 0%


NETWORK DIAGRAM
Task6 Quality assurance
Start: 01-04-24 ID: 24
Finish: 26-04-24 Dur: 21 days
Comp: 0%

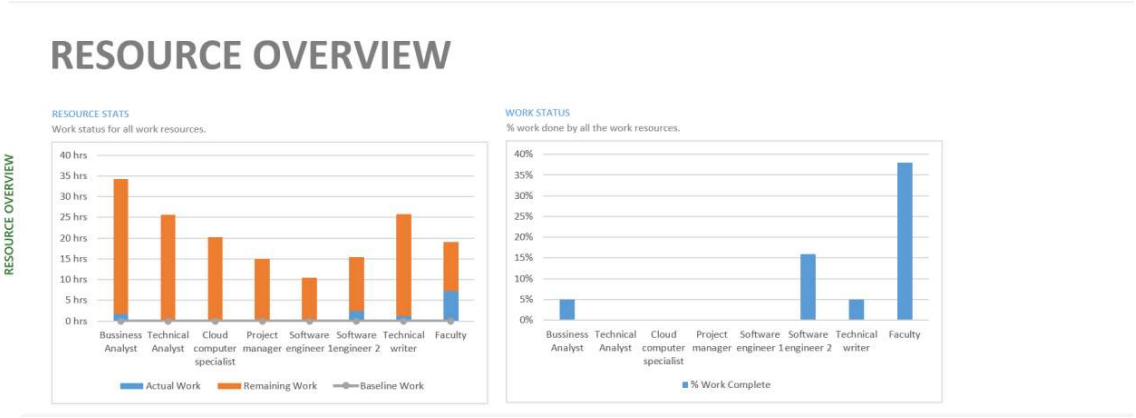

NETWORK DIAGRAM
Task5 Generating new content
Start: 01-04-24 ID: 19
Finish: 23-04-24 Dur: 18.57 days
Comp: 0%
5.1 Determine content suitable that ca
Start: Mon 01-04-24 ID: 20
Finish: Tue 09-04-24 Dur: 7 days
Res: Bussiness Analyst[5%], Faculty[1C
5.2 Influence interactive components i
Start: Tue 09-04-24 ID: 21
Finish: Fri 12-04-24 Dur: 3.43 days
Res: Software engineer 2[10%], Techni
NETWORK DIAGRAM
4.2 Identify robust technologies and pl
Start: Thu 04-04-24 ID: 16
Finish: Mon 08-04-2 Dur: 2 days
Res: Cloud computer specialist[10%], 5
4.3 Get required hardware
Start: Tue 09-04-24 ID: 17
Finish: Mon 15-04-2 Dur: 4.57 days
Res: Technical Analyst[20%], Hardware
Task6 Quality assurance
Start: 01-04-24 ID: 24
Finish: 26-04-24 Dur: 21 days
Comp: 0%
6.1 Set standards for the quality of dig
Start: Mon 01-04-24 ID: 25
Finish: Fri 05-04-24 Dur: 4.57 days
Res: Bussiness Analyst[5%], Technical
Task 7 Training & support
Start: 22-04-24 ID: 28
Finish: 03-05-24 Dur: 11.14 days
Comp: 0%
7.1 Teach faculty about creating digita
Start: Mon 22-04-24 ID: 29
Finish: Mon 29-04-2 Dur: 6.86 days
Res: Technical Analyst[8%], Technical
Task 8 Adapting new technology
Start: 30-04-24 ID: 32
Finish: 06-05-24 Dur: 5.43 days
Comp: 0%
NETWORK DIAGRAM
3.3 Reseach best practices for digital ec
Start: Mon 01-04-24 ID: 12
Finish: Thu 04-04-24 Dur: 3.43 days
Res: Bussiness Analyst[8%], Technical
3.4 Identify supporting technologies &
Start: Thu 04-04-24 ID: 13
Finish: Tue 09-04-24 Dur: 3.43 days
Res: Bussiness Analyst[2%], Technical
4.2 Identify robust technologies and pl
Start: Thu 04-04-24 ID: 16
Finish: Mon 08-04-2 Dur: 2 days
Res: Cloud computer specialist[10%], 5
4.3 Get required hardware
Start: Tue 09-04-24 ID: 17
Finish: Mon 15-04-2 Dur: 4.57 days
Res: Technical Analyst[20%], Hardware
4.4 Make required software upd
Start: Tue 16-04-24 ID: 18
Finish: Mon 22-04-2 Dur: 5 days
Res: Software engineer 2[20%],
Task6 Quality assurance
Start: 01-04-24 ID: 24
Finish: 26-04-24 Dur: 21 days
Comp: 0%
6.1 Set standards for the quality of dig
Start: Mon 01-04-24 ID: 25
Finish: Fri 05-04-24 Dur: 4.57 days
Res: Bussiness Analyst[5%], Technical
6.2 Conduct peer reviews & fee
Start: Tue 16-04-24 ID: 26
Finish: Mon 22-04-2 Dur: 4.57 da
Res: Bussiness Analyst[10%],
Task 7 Training & support
7.1 Teach faculty about creating digita
7.2 Develop user guides & tuto
NETWORK DIAGRAM
4.4 Make required software updates
Start: Tue 16-04-24 ID: 18
Finish: Mon 22-04-2 Dur: 5 days
Res: Software engineer 2[20%], Cloud
6.2 Conduct peer reviews & feedback s
Start: Tue 16-04-24 ID: 26
Finish: Mon 22-04-2 Dur: 4.57 days
Res: Bussiness Analyst[10%], Technica
6.3 Test the distribution of content ac
Start: Wed 24-04-24 ID: 27
Finish: Fri 26-04-24 Dur: 2.29 days
Res: Technical Analyst[5%], Software e
7.2 Develop user guides & tutorials
Start: Tue 30-04-24 ID: 30
Finish: Wed 01-05-2 Dur: 2.29 days
Res: Technical writer[20%]
7.3 Provide technical support
Start: Thu 02-05-24 ID: 31
Finish: Fri 03-05-24 Dur: 2 days
Res: Technical Analyst[10%]
8.1 Engage faculty to integrate digital
Start: Tue 30-04-24 ID: 33
Finish: Wed 01-05-2 Dur: 2 days
Res: Project manager[2%], Bussiness A
8.2 Get feedback & comments from ea
Start: Wed 01-05-24 ID: 34
Finish: Mon 06-05-2 Dur: 3.43 days
Res: Bussiness Analyst[2%], Technical



This network diagram represents the tasks and timeline for the project. The kick off meeting starts on 11/03 and the end of the project is documentation on 10/05. The critical path in the diagram is highlighted by red. The network diagram shows the flow of tasks. There is a single main path of the project, which is the critical path. The last task is to obtain resources foe more expansion of the project, that is the future scope of the project and can be started before the main end of the project. So, the last task on 10th may is documentation, which shows the reflection of the whole project and any update if required in the future. The project consists of tasks like constant development and future expansion for sustainability, this reflects projects long term goal in association with SDG goal 9.

The project is slightly difficult to completely implemented in 2 months. The maximum date I tried to allocate the tasks along with resources is 10th may, that is 10 days before the project presentation. The duration is decided by arranging available resources, keeping in mind that the resources are not completely available.

RESOURCE GRAPHS



The picture gives an asset outline to a venture, including asset details and work status. The resource diagram shows the genuine work, remaining work, and standard work for various work resources like Business Analyst, Technical analyst, Cloud computer specialist, and so on. The work status chart portrays the level of work finished by each work asset. This data permits project managers to comprehend the ongoing usage and progress of various assets associated with the undertaking, empowering them to actually dispense and oversee assets.

The given picture is an Expense Outline report for a task that ranges from Monday, March 11 2024, to Friday, May 10, 2024. The all-out cost of the venture as of the ongoing date is $85,428.43, with a leftover expense of $83,600.42. The chart grandstands the headway made versus the total expense over the venture timetable. At present, the task is 9% finished, and the aggregate expense has reached $100,000.00 toward the venture's end. This report gives an extensive outline of the task's monetary standing and progress at the ongoing stage.

The picture gives an itemized cost outline to a venture, including the Genuine Expense, Pattern Cost, Remaining Endlessly cost Difference. The outline shows the undertaking's combined endlessly cost per quarter, permitting the client to see costs for various time spans. The table beneath the outline shows cost data for all high-level errands. This data empowers project administrators to figure out the ongoing monetary status of the task, recognize likely expense invades, and go with informed choices to really control and deal with the undertaking's costs.

CONCLUSION

To summarize, the drive focuses on communication and innovation advancement to work on the computerized conveyance of instructive data. The task shows a commitment to viability and versatility through cautious asset distribution and adaptable booking. Pursuing very much educated choices is

made conceivable by the valuable data given by the Gantt outline, network chart, and asset diagrams with respect to the situation with the venture and the utilization of its assets. In light of everything, the undertaking shows a determined technique for arriving at long haul supportability and supporting SDG Objective 9.

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