

Assignment 3

Question 1

Maslow's Need Level	Project Vision Contribution
Physiological Needs	Transport via Bolt Vision ensures access to campus, shops and home
Safety Needs	Certified drivers and TWO EYES technology enhance physical safety during travel and navigation
Love and Belonging	Enables participation in hybrid classes and interaction with peers and lecturers
Esteem Needs	Empowers students to engage independently, boosting self-worth and academic recognition
Self-Actualization	Facilitates academic success and innovation, as seen in Noma's leadership in conceptualizing the project

Question 2

2.1. The average working hours are divided by two because the project manager is working part time on this project. Instead of 160 hrs, the project manager will be 80 hrs per month.

2.2. Hardware Cost = R325,000

2.3.1 R499,200

2.3.2 R1,863,000

2.3.3 R1,863,000

2.4 R223,800

2.5 R3,477,840

2.6.1 9.39%

2.6.2 55.01%

2.6.3 6.44%

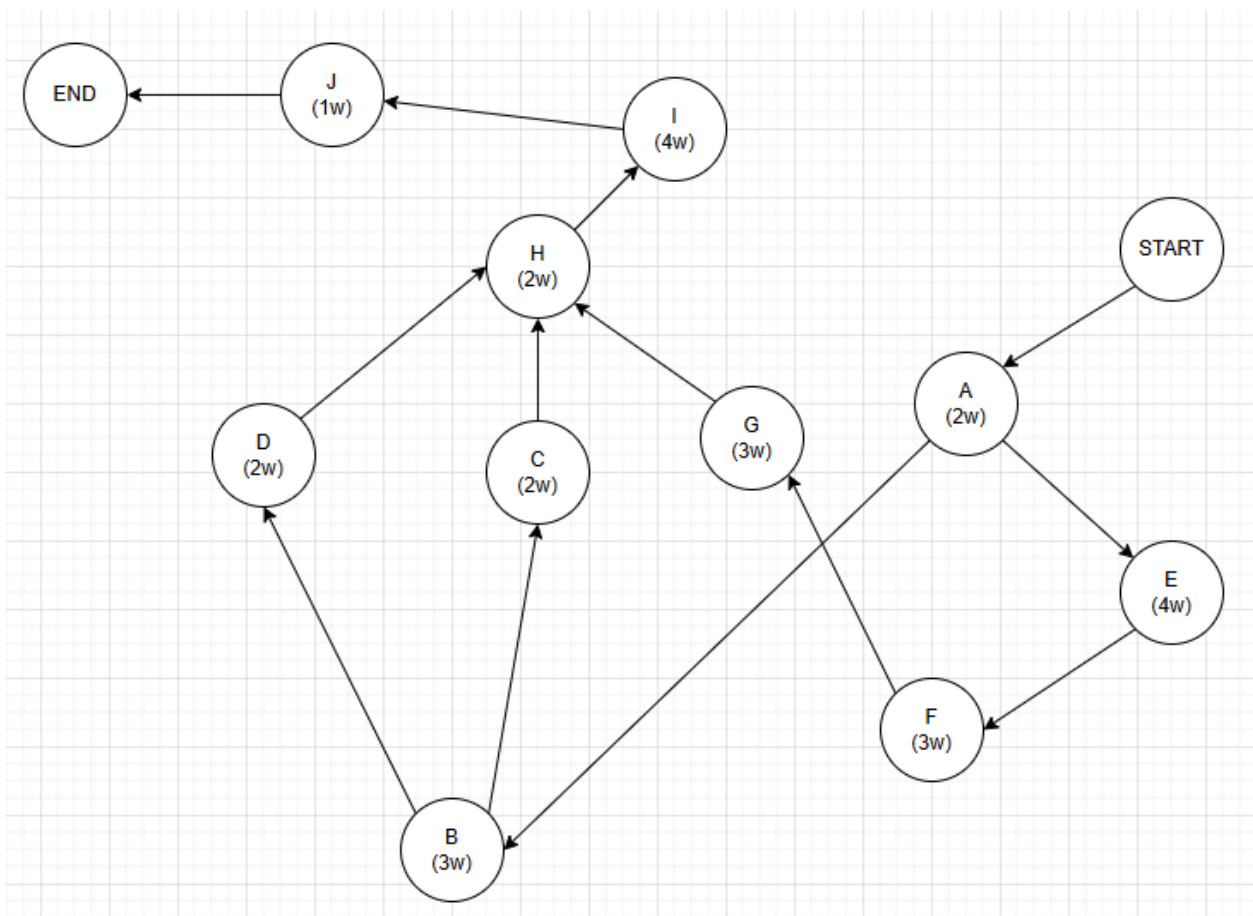
2.6.4 16.67%

2.7.1 5 years, 5 months, 20 days

Year	Cash Flow	Cumulative Recovery
1	480,000	-2,997,840
2	650,000	-2,347,840
3	799,000	-1,548,840
4	970,000	-578,840
5	1,220,000	+641,160 (break even)
6	1,470,800	+2,111,960

Question 3

3.1



3.2

Activity	Slack
D	1 week
E	1 week
F	1 week

3.3

Start → A → B → E → F → G → End