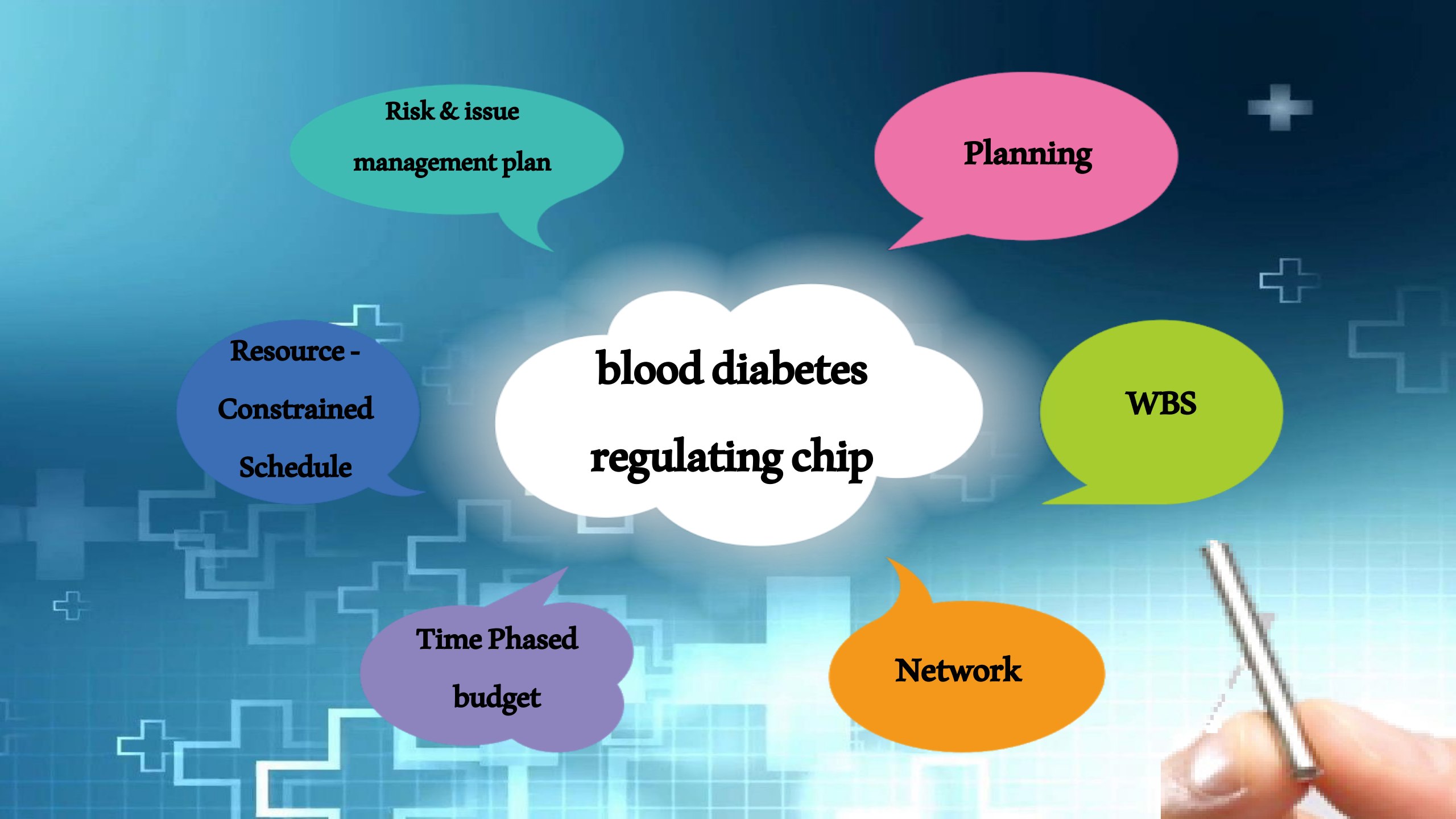

Risk & issue management plan
Planning
Resource - Constrained Schedule
blood diabetes regulating chip
WBS
Time Phased budget
Network

Executive summary

Founding a company of programmers whose goal is to use a new technology to treat diabetes which provides comfort for diabetics instead of swallowing medications and daily injections , which is to program a piece of metal “platinum” the size of a match stick under the skin to stimulate the pancreas to secrete the hormone insulin in sufficient quantity for a year.

Deliverables

1. Get the titanium or platinum chips from the factory
2. Chip encoding to preform it's task
3. Deliver the encoded chips to hospitals and clinics

Project resources

A suitable place for the establishment of the company

Computers and doctors

Contracting with companies that issue chips

Agreement with suitable companies to help ship the chips

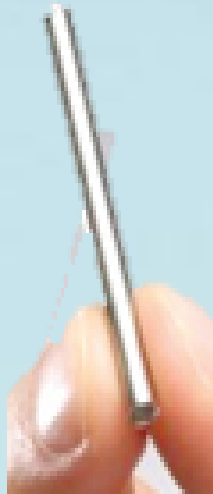
Security systems

Risk & issue management plan

1. Some reject it due to lack of scientific evidence
2. The need for more human trials to ensure its success
3. High cost and very unavailability
4. Error in its programming leads to a great danger to the patient's life
5. Its presence in the body more than its expiration date harms the body

Communication management plan

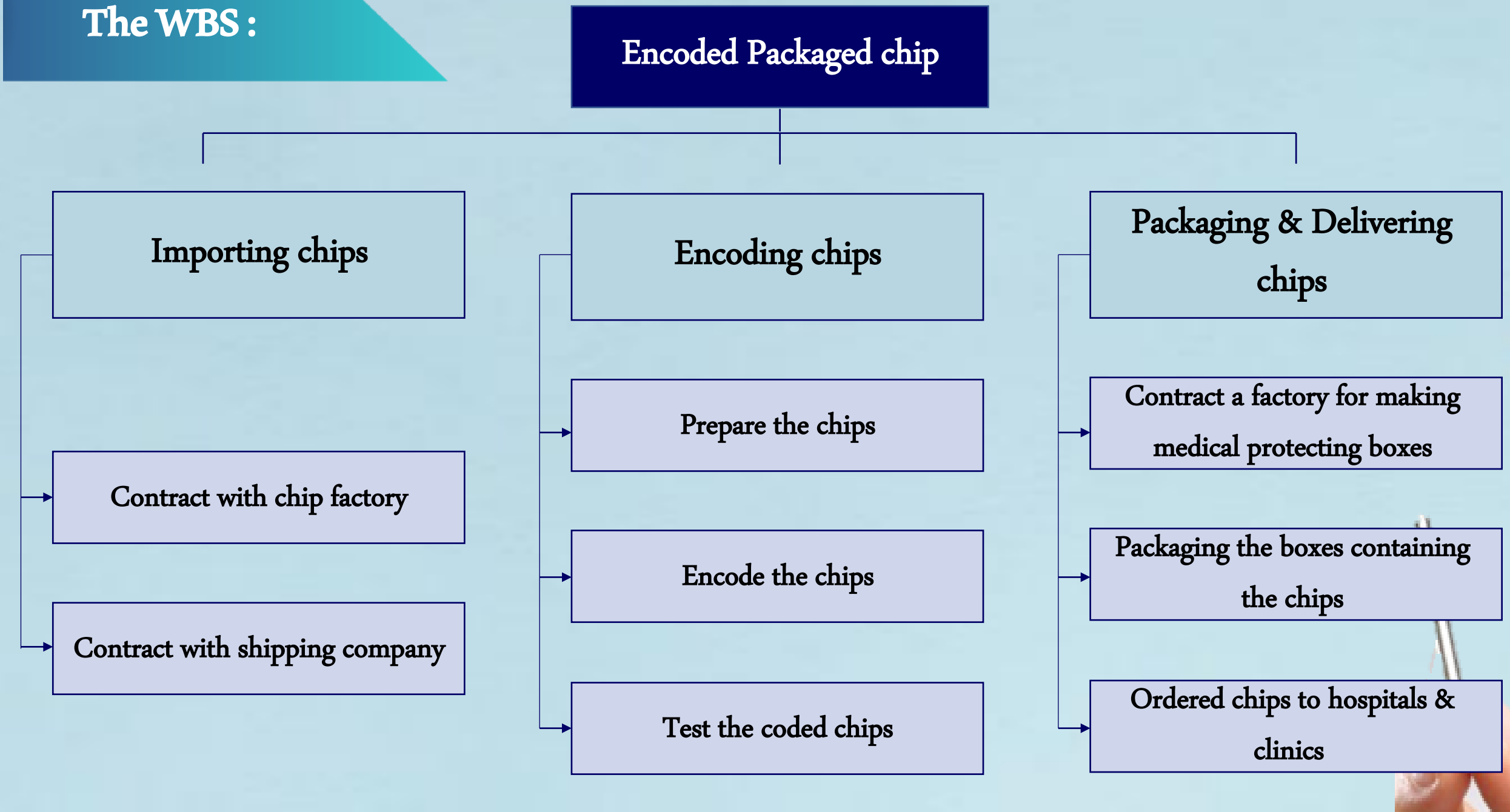
Goals	Priority	Owner	Preferred way to deliver	Frequency	Deliverable	Stakeholder
Review projects status & discuss potential issues or delays	High priority	Project manager	Meeting	Weekly Saturday at 10 a.m.	Project status report	Project team + Project sponsor
Share daily progress made on project tasks	High priority	Project manager	Email	Daily at 10 a.m.	Task progress updates	Project team
Present project deliverables & gather feedback & discuss next steps	High priority	Project manager	Meeting	At Milestone	Project review	Project team + Project sponsor
Assess what worked & what didn't work & discuss actionable takeaways	Medium priority	Project manager	Meeting	At end of project	Post – Mortem meeting	Project team



Limits & Exclusions :

Limits	Time
The validity of the chip in the body	One year
Working hours	9 : 00 a.m. to 3 : 00 p.m.
Training courses for programmers	Every 6 months
Maintenance of devices & networks	Every month

The WBS :


Encoded Packaged chip
Importing chips
Contract with chip factory
Contract with shipping company
Encoding chips
Prepare the chips
Encode the chips
Test the coded chips
Packaging & Delivering chips
Contract a factory for making medical protecting boxes
Packaging the boxes containing the chips
Ordered chips to hospitals & clinics

The WBS :

Level 1	Level 2	Level 3
Encoded Packaged chip	Importing chips	1. Contract with chip factory 2. Contract with shipping company
	Encoding chips	1. Prepare the chips 2. Encode the chips 3. Test the coded chips
	Packaging & Delivering chips	1. Contract a factory for making medical protecting boxes 2. Packaging the boxes containing the chips 3. Ordered chips to hospitals & clinics

The Network :

Legend

ES	ID	EF
SL	Description	
LS	DUR	LF

0	A	1
0	Contract with chip factory	
0	1	1

0	B	1
0	Contract with shipping company	
0	1	1

1	C	3
0	Prepare the chips	
1	2	3

3	D	7
0	Encode the chips	
3	4	7

7	E	9
0	Test the coded chips	
7	2	9

9	F	10
1	Contract a factory for making medical protecting boxes	
10	1	11

9	G	11
0	Packaging the boxes containing the chips	
9	2	11

11	H	13
0	Ordered chips to hospitals & clinics	
11	2	13

Gantt Chart :

	1	2	3	4	5	6	7	8	9	10	11	12	13
Contract with chip factory													
Contract with shipping company													
Prepare the chips													
Encode the chips													
Test the coded chips													
Contract a factory for making medical protecting boxes													
Packaging the boxes containing the chips													
Ordered chips to hospitals & clinics													

The Priority Matrix :

R = Responsible

S = Support

Tasks	Nermeen	Mai	Nouran	Nada	Dina
Contract with chip factory	R			S	
Contract with shipping company	R			S	
Prepare the chips		R			S
Encode the chips			R		S
Test the coded chips			S		R
Contract a factory for making medical protecting boxes	R			S	
Packaging the boxes containing the chips		R	S		
Ordered chips to hospitals & clinics	S			R	

The Network :

Legend

ES	ID	EF
SL	RES	SL
LS	DUR	LF

0	A	1
0	3	0
0	1	1

0	B	1
0	3	0
0	1	1

1	C	3
0	15	0
1	2	3

3	D	7
0	20	0
3	4	7

7	E	9
0	20	0
7	2	9

9	F	10
1	3	1
10	1	11

9	G	11
0	15	0
9	2	11

11	H	13
0	10	0
11	2	13

Resource - Constrained Schedule :

ID	RES	DUR	ES	LF	SL	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	3	1	0	1	0	3															
B	3	1	0	1	0	3															
C	15	2	1	3	0		15	15													
D	20	4	3	7	0				20	20	20	20									
E	20	2	7	9	0								20	20							
F	3	1	9	11	1										3	SL					
G	15	2	9	11	0										15	15					
H	10	2	11	13	0												10	10			
Resources Scheduled						6	15	15	20	20	20	20	20	20	18	15	10	10	-	-	
Resources Available						30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	

Time – Phased budget :

ID	DUR	Task	Budget	0	1	2	3	4	5	6	7	8	9	10	11	12	13
A	1	Contract with chip factory	5	5													
B	1	Contract with shipping company	5	5													
C	2	Prepare the chips	4		2	2											
D	4	Encode the chips	12				3	3	3	3							
E	2	Test the coded chips	6								3	3					
F	1	Contract a factory for making medical boxes	5										5				
G	2	Packaging the boxes containing the chips	10										5	5			
H	2	Ordered chips to hospitals & clinics	4												2	2	
Week total			51	10	2	2	3	3	3	3	3	3	10	5	2	2	
Cumulative				10	12	14	17	20	23	26	29	32	42	47	49	51	

Risk & issue management plan

Risks	Solutions
Some reject it due to lack of scientific evidence	Do more studies & reports on the chip to prove its validity & harmlessness
Very unavailability in the Arab World	Many chips are manufactured & exported to all Arab countries
Error in its programming leads to a great danger to the patient's life	Choosing the most efficient & experienced programmers to avoid any mistakes
Its presence in the body more than its expiration date harms the body	Creating catalogs showing how to use the chip and its validity period, and raising the awareness of hospitals and doctors about alerting patients to the period of its presence in their bodies