Blood Diabetes Regulating Chip

Planning	
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	1. A suitable place for the establishment of the company 2. Agreement with suitable companies to help ship the chips 3. Contracting with companies that issue chips 4. Computers and doctors 5. 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

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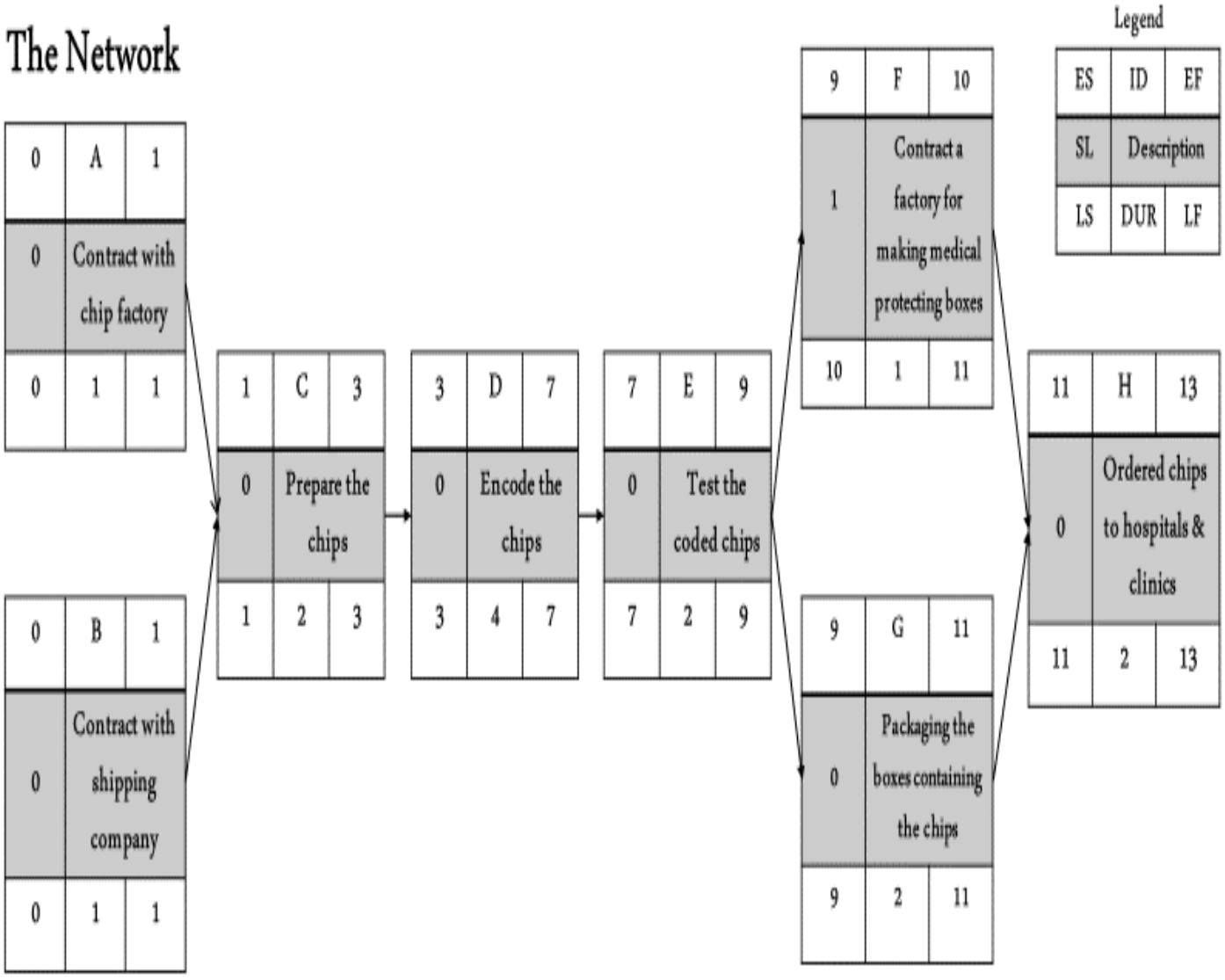
Limits & Exclusions	
Limits	Time
The validity of the chip in the body	One year
Working hours	8 : 00 a.m. to 4 : 00 p.m.
Training courses for programmers	Every 6 months
Maintenance of devices & networks	Every month

The Work Break Down Structure		
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



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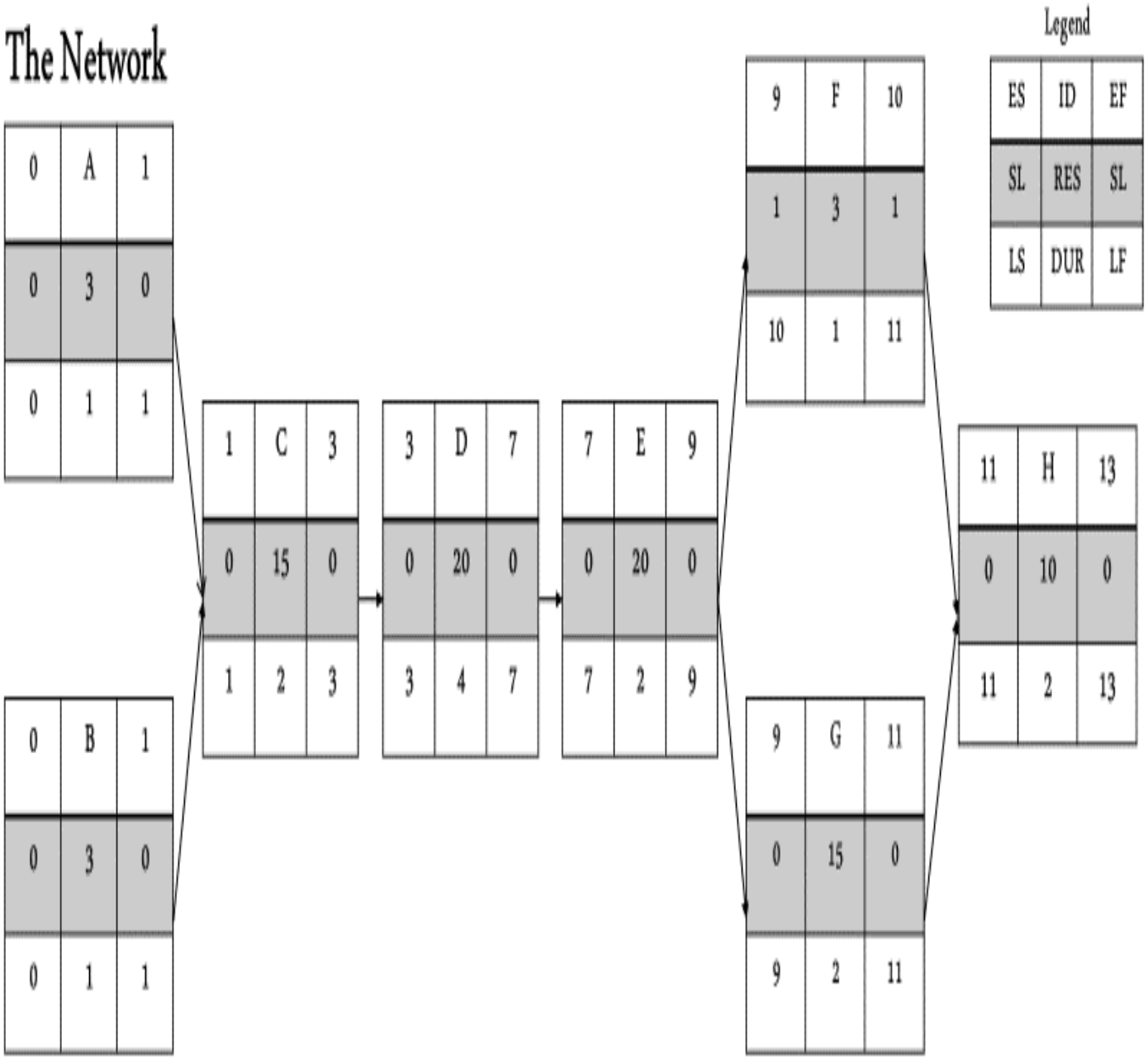
The priority matrix					
Tasks	Nermeen	Mai	Nouran	Nada	Dina
Contract with chip factory	R			S	
Contract with shipping company	R			S	
Prepare the chips		R			S
Encode the chips			R		S
Test the coded chips			S		R
Contract a factory for making medical protecting boxes	R			S	
Packaging the boxes containing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

The Network



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ID	RES	DUR	ES	LF	SL	0	1	2	3	4	5	6	7	8	9	10	11	12	13
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	

ID	DUR	Task	bud	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	Communicating with patients & reminding them of the approaching end of the chip’s stay inside the body , also reminding them when it should be removed from the body