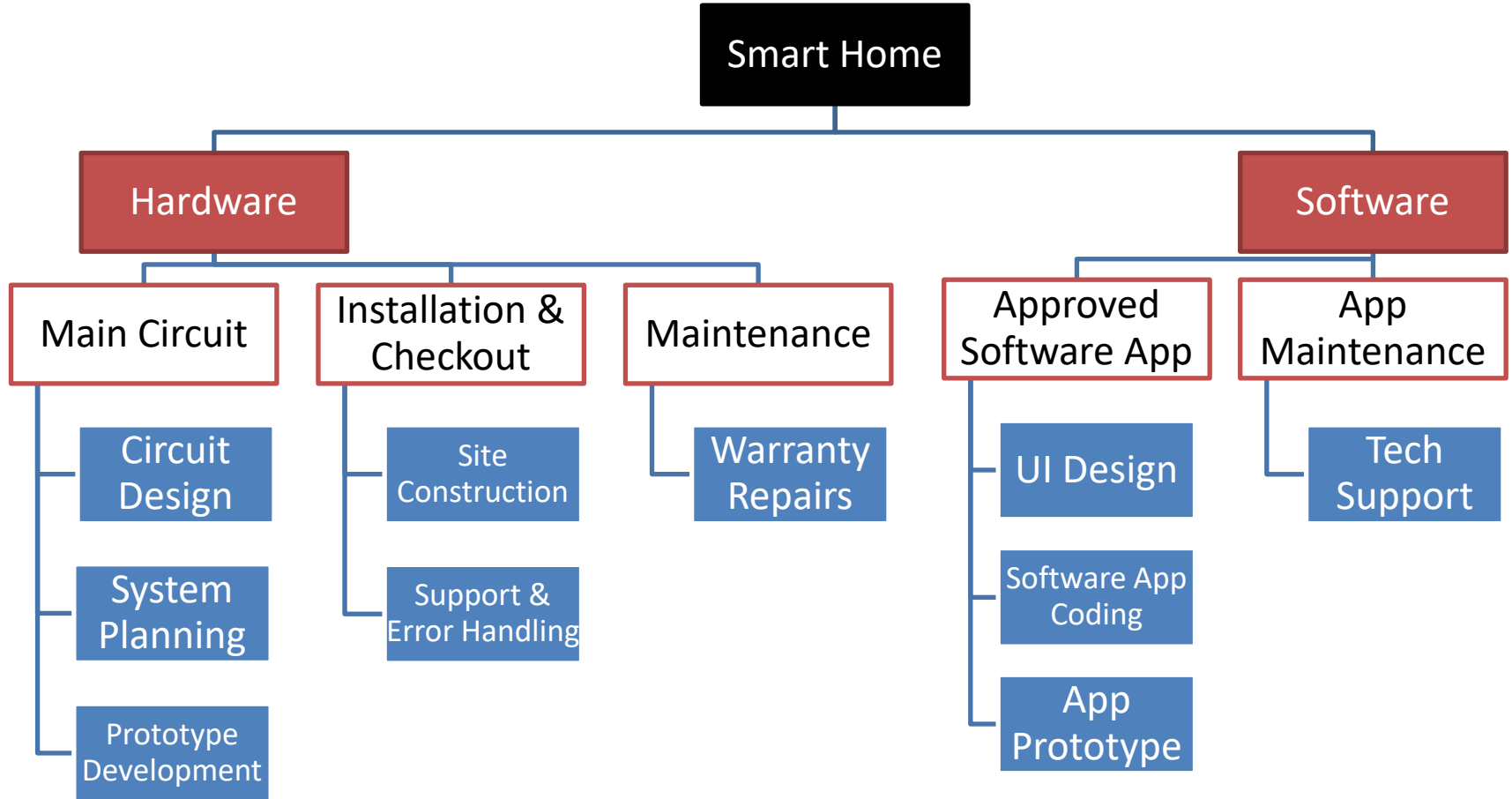
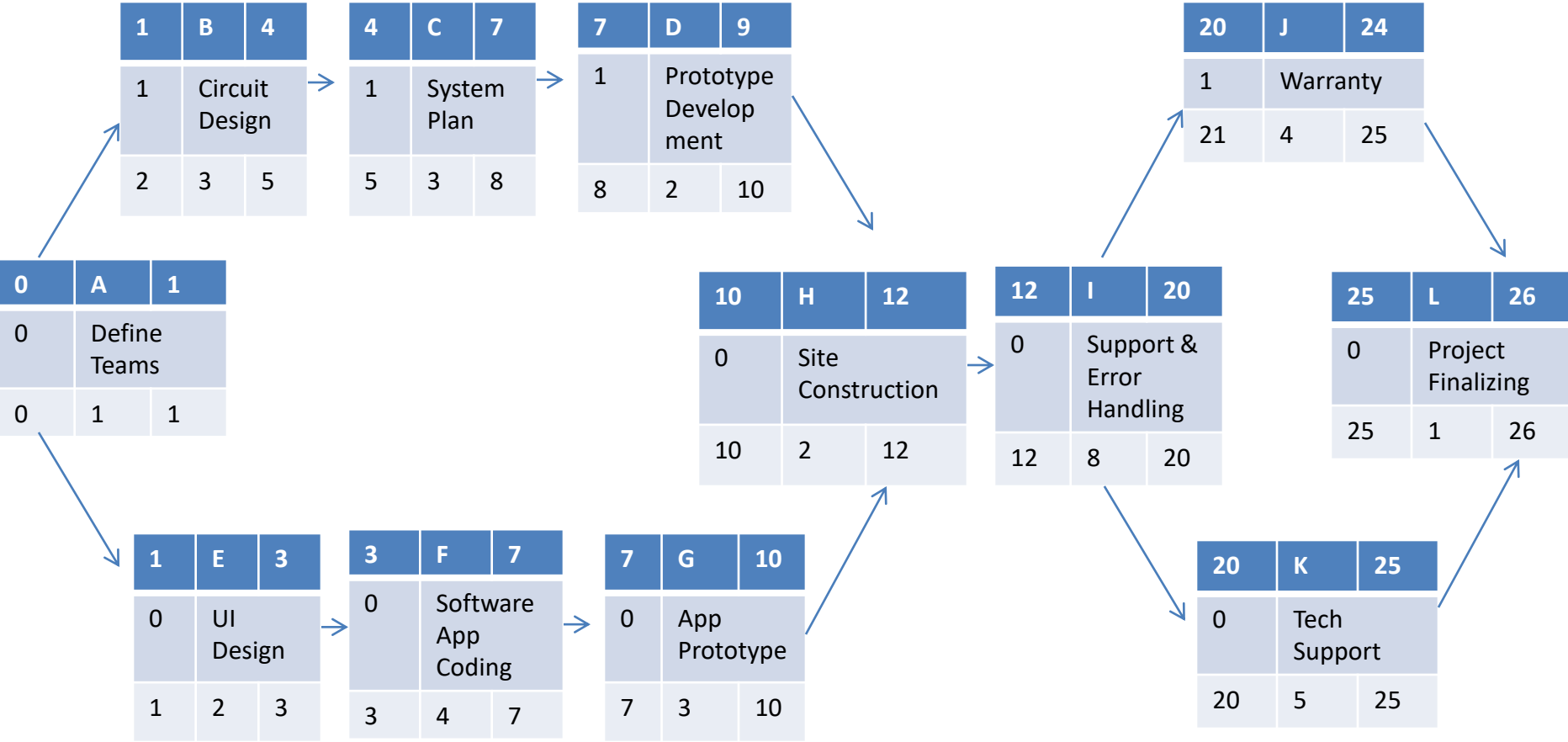


PROJECT PLAN					
PROJECT NAME		TOTAL TIME		TOTAL BUDGET	
Budget Smart Home		6 Months (10. Oct. 2021 ~ 10. Apr. 2022)		3300\$	
SCOPE					
LIMITS	Up to 6 months of Hardware warranty and repair (After installation)				
	Unlimited software app maintenance				
	Home Design will not be included in Smart Home Installation				
OBJECTIVES		TECHNICAL REQUIRMENTS		REVIEWS WITH CUSTOMER	
To create a budget home system that is appropriate for all classes, containing: (1) Smart Thermostats. (2) Lighting. (3) Smart Locks. (4) Security System. The vision is to make smart homes the default option for all family homes within the next 20 years.		Computer systems need to have the minimum specs and requirements for the software. developers' convenient		After finalization, a survey will be presented to the customer in order to optimize our services.	
MILESTONES		DELIVERABLES			
Main Project Structure		Early Phase	Timeline	Third Phase	Prototype
Technical Plan			Budget		
Prototype Design					
General App Design		Second Phase	Technical Manual	Final Phase	Approved Software App
App Software Development					
Finalize Software App			User Interface Design		Final Test Results
Final Testing					
Project Final Delivery					
RESOURCES			TIMELINE		
RESOURCE		CATEGORY	ACTIONS		DATE (Start ~ End)
			A. Define Teams		Oct 10 <sup>th</sup> ~ Oct 17 <sup>th</sup>
Software Developers		Human Resources	B. Circuit Design		Oct 17 <sup>th</sup> ~ Nov 7 <sup>th</sup>
Designers			C. System Planning		Nov 7 <sup>th</sup> ~ Nov 28 <sup>th</sup>
Hardware Technicians/Engineers			D. Prototype Development		Nov 28 <sup>th</sup> ~ Dec 12 <sup>th</sup>
Office space (For software developers)		Workspace	E. UI Design		Oct 17 <sup>th</sup> ~ Oct 31 <sup>st</sup>
			F. Software App Coding		Oct 31 <sup>st</sup> ~ Nov 28 <sup>th</sup>
Warehouse (For Hardware technicians)			G. App Prototype		Nov 28 <sup>th</sup> ~ Dec 19 <sup>th</sup>
			H. Site Construction		Dec 19 <sup>th</sup> ~ Jan 2 <sup>nd</sup>
Delivery trucks		Vehicles	I. Support & Error Handling		Jan 2 <sup>nd</sup> ~ Feb 27 <sup>th</sup>
			J. Warranty		Feb 27 <sup>th</sup> ~ Mar 27 <sup>th</sup>
Computers for office		Tools & Machinery	K. Tech Support		Feb 27 <sup>th</sup> ~ Apr 3 <sup>rd</sup>
			L. Project Finalizing		Apr 3 <sup>rd</sup> ~ Apr 10 <sup>th</sup>



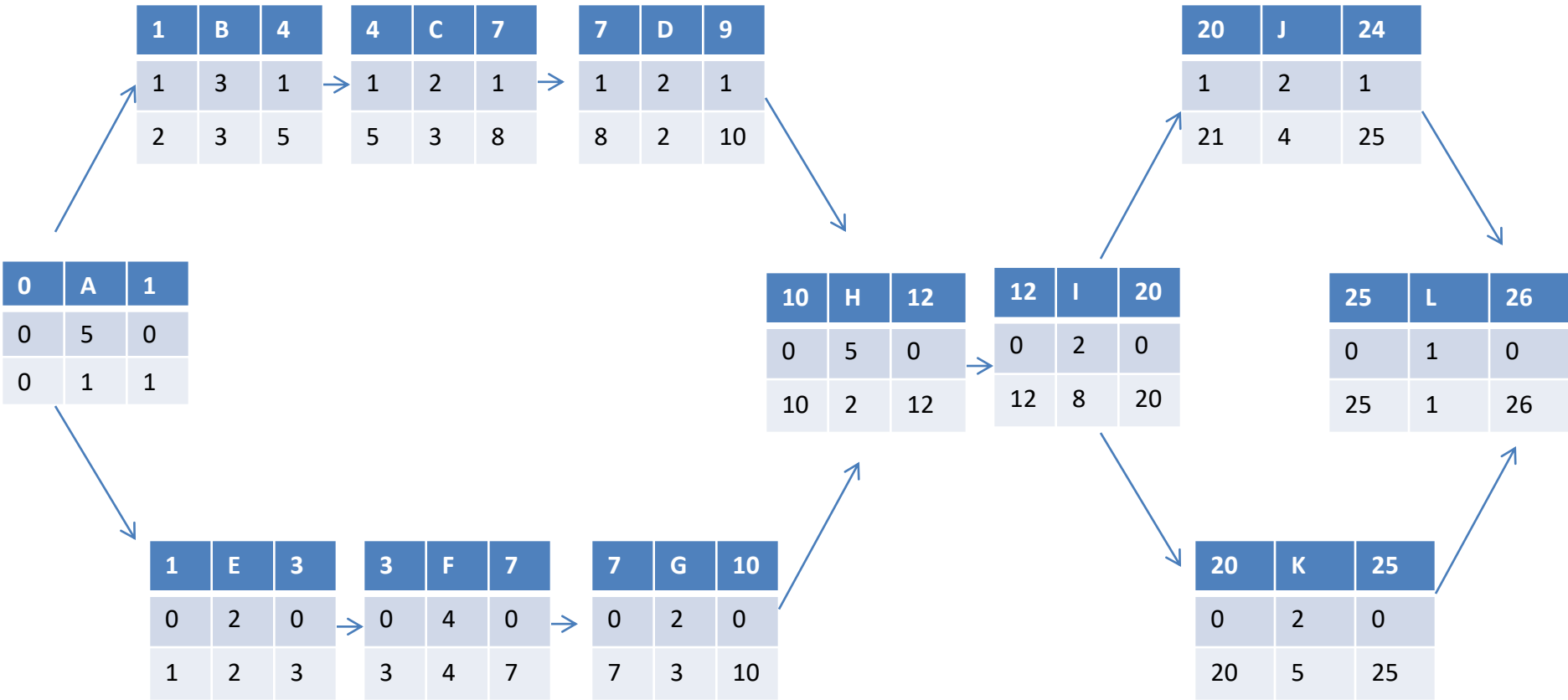


Activities	Ganna	Aliaa	Fatma	Amira	Hadeer
A. Define Teams	A	C	I	I	R
B. Circuit Design	R	I	R	A	C
C. System Planning	I	A	C	R	C
D. Prototype Development	I	C	A	R	R
E. UI Design	A	I	R	I	C
F. Software App Coding	C	R	R	A	I
G. App Prototype	R	A	C	C	I
H. Site Construction	C	I	A	R	R
I. Support & Error Handling	A	R	R	C	I
J. Warranty	R	R	C	I	A
K. Tech Support	C	A	R	R	C
L. Project Finalizing	R	R	I	C	A



ES	ID	EF
SL	Description	
LS	DUR	LF

Critical Path: AEFGHIK  
Per weeks



ES	ID	EF
SL	RES	SL
LS	DUR	LF

Per weeks

[illegible]

Category	Identical Risk	Response Action
Technical	<ul style="list-style-type: none"> <li>Some workers can't do their tasks due to health problems</li> </ul>	<ul style="list-style-type: none"> <li>Provide health support to the workers, or concluding agreements with the company to provide us with reserve workers.</li> <li>Provide maintenance workers and additional alternative devices.</li> </ul>
Application	<ul style="list-style-type: none"> <li>Malfunction of one of the remote control systems of the devices.</li> <li>Difficulty using the application for the client.</li> </ul>	<ul style="list-style-type: none"> <li>Provide multiple options for operating devices through different operating systems.</li> </ul>
Final testing	<ul style="list-style-type: none"> <li>Wrong conduct of the test during only one time.</li> </ul>	<ul style="list-style-type: none"> <li>Do a test several times at certain intervals to ensure the correctness of the while system, and the test is carried out by specialized people.</li> </ul>



ID	Budget ( 000\$ )	DUR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A	—	1	—																										
B	3	3		1	1	1																							
C	4	3					2	1	1																				
D	1	2								1	—																		
E	1	2		1	—																								
F	5	4				2	1	1	1																				
G	2	3								1	1	—																	
H	3	2											2	1															
I	5	8													1	1	1	1	1	—	—	—							
J	6	4																					2	1	2	1			
K	2	5																					—	1	—	—	1		
L	1	1																										1	
Week Total			—	2	1	3	3	2	2	2	1	—	2	1	1	1	1	1	1	—	—	—	2	2	2	1	1	1	
Cumulative			—	2	3	6	9	11	13	15	16	16	18	19	20	21	22	23	24	24	24	24	26	28	30	31	32	33	

- جنة محمد على الدين محمود
- هدير ممدوح
- علياء أحمد مرتضى
- فاطمة محمد مصطفى
- أميرة أحمد عميرة