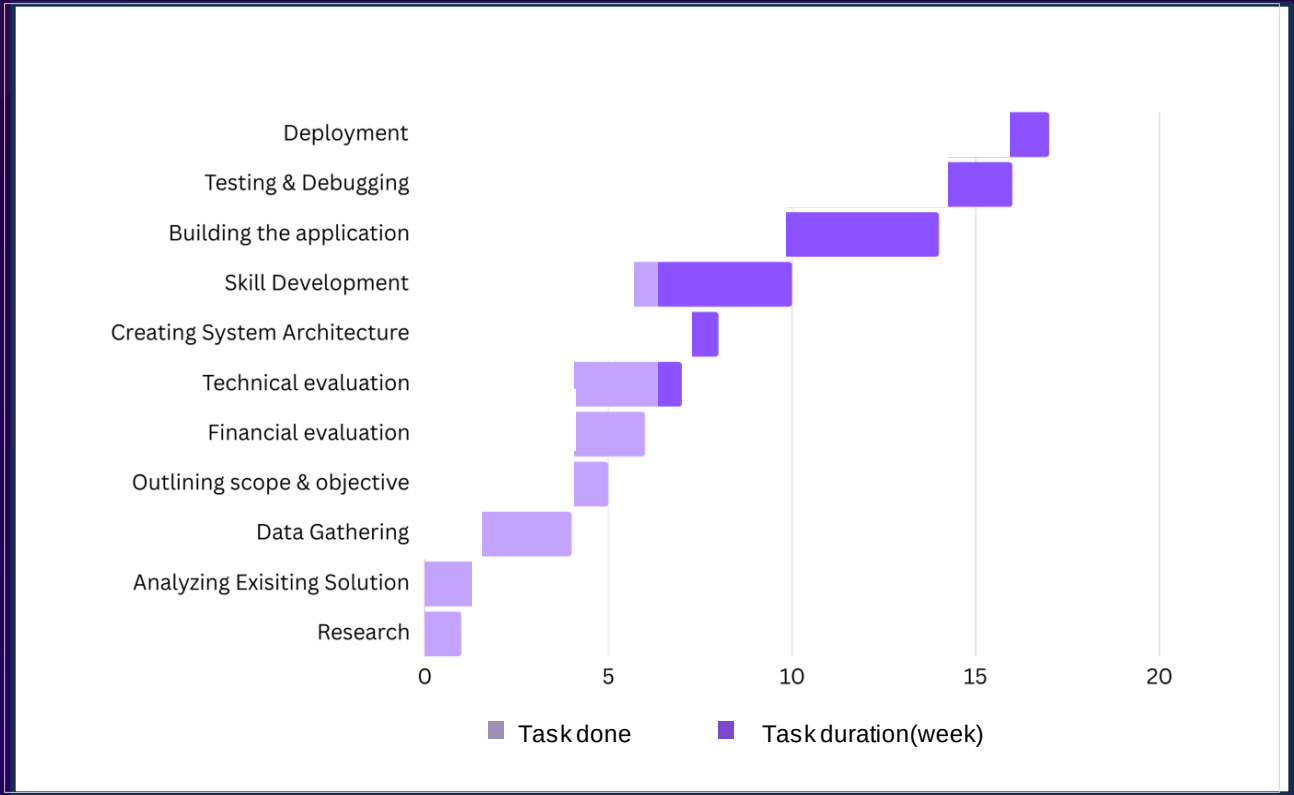
Your Ally in every Alley..

Project Overview

A women safety app with the aim to increase safety and security to women of all age and for empowering women by using technology as a social tool

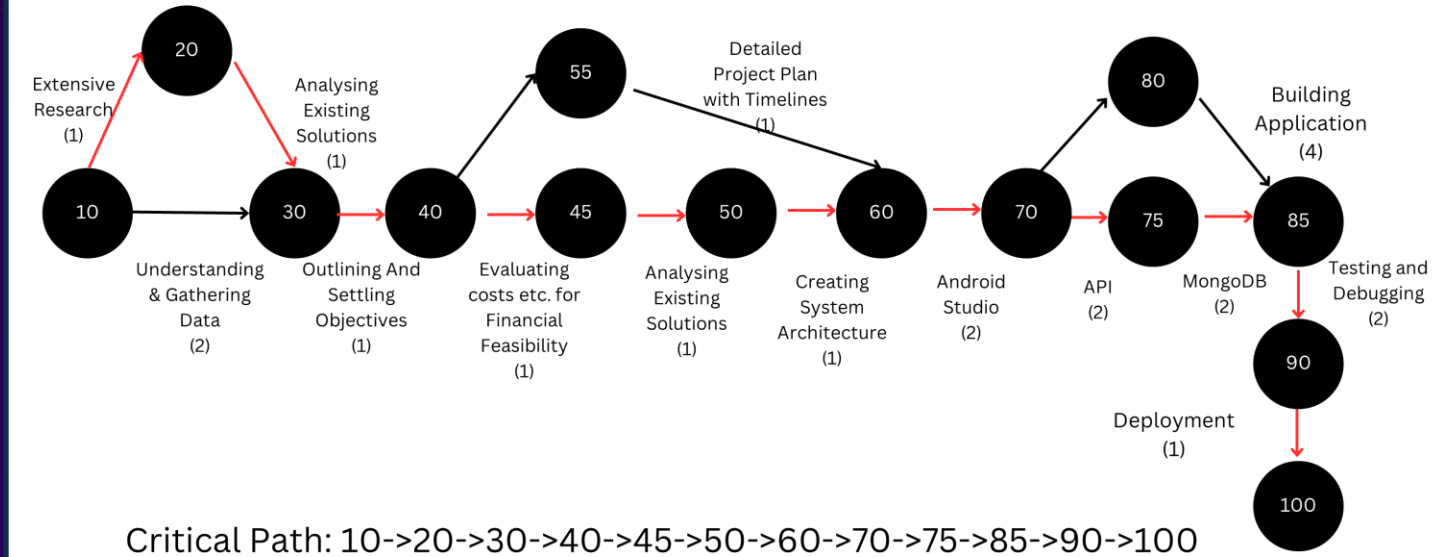
ACTIVITIES	DETAILED ACTIVITIES	ALLOTED WEEKS
Proposal & Planning	• Extensive Research on various aspects of women safety and Security	0-1
	• Analyzing existing Solution	0-1
	• Understanding user needs ,gathering data on safety statistics	1-3
	• Outlining project scope and setting objectives	3-4
Analysis & Design	• Evaluation on costs ,market demand for financial feasibility	4-5
	• Evaluation on technology stack	5-6
	• Creating system architecture, database scheme and functionality • A detailed project plan with timelines	5-6
Skill Development	• Acquiring knowledge for Twilio API,JAVA • Learning Android Studio for mobile app development • Understanding MONGODB for data storage	6-8
Implementation	• Building the mobile Application	8-13
	• Testing and Debugging the entire app • Development on testing environment	13-14
	• Final Deployment in the market	14-15

Gantt Chart


Deployment
Testing & Debugging
Building the application
Skill Development
Creating System Architecture
Technical evaluation
Financial evaluation
Outlining scope & objective
Data Gathering
Analyzing Exisiting Solution
Research
0
5
10
15
20
Task done
Task duration(week)

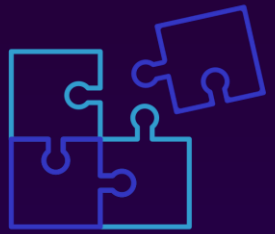
NODES	ACTIVITIES	WEEKS RECQUIRED	Predecessors
A	• Extensive Research	1	-
B	• Analyzing Existing Solution	1	A
C	• Understanding & Gathering Data on User Needs	2	-
D	• Outlining Project Scopes	**1**	B,C
E	• Financial Feasibility	1	D
F	• Evaluation on Technology Stack	1	E
G	• Creating System Architecture	1	F
H	• Detailed Plan Project	1	D
I	• Acquiring Knowledge for APIs	2	J
J	• Learning Android Studio and work with Emulators	2	G,H
K	• Learning MongoDB and database handlings	2	I
L	• Building Mobile Application	4	J
M	• Testing and Debugging	2	L,K
N	• Final Deployment	1	M

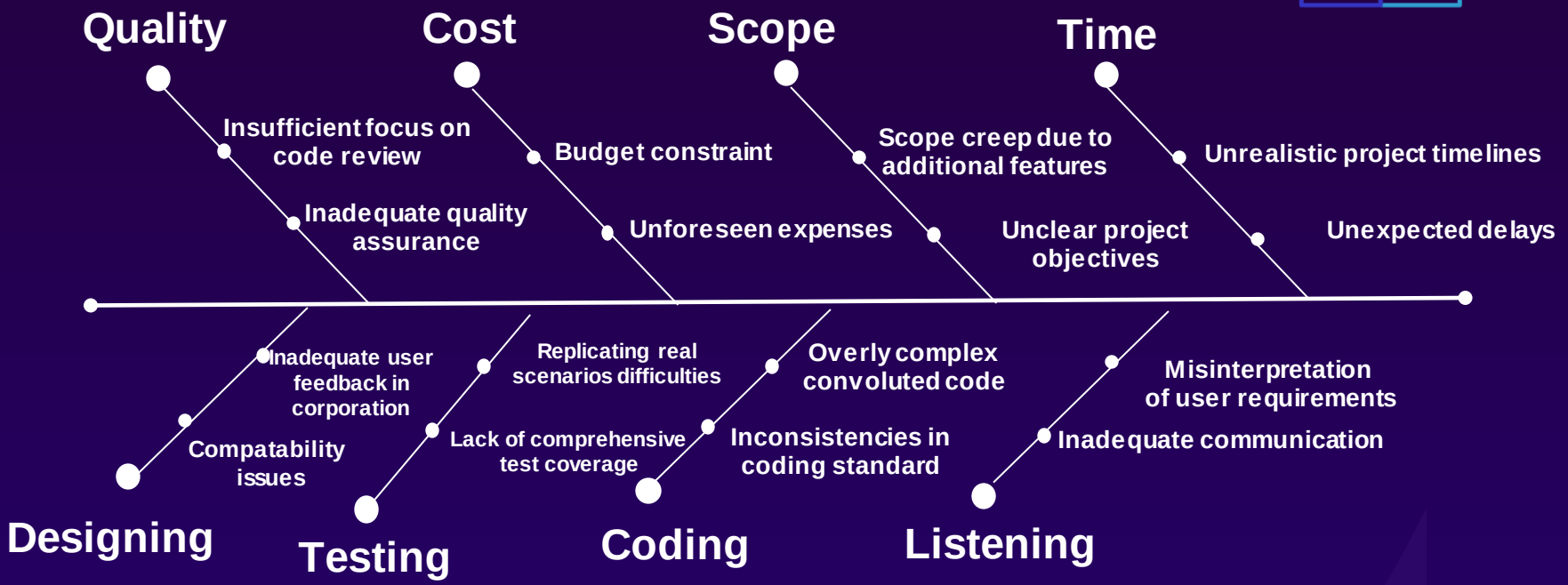
Pert Diagram



Critical Path: 10->20->30->40->45->50->60->70->75->85->90->100

Fishbone Diagram





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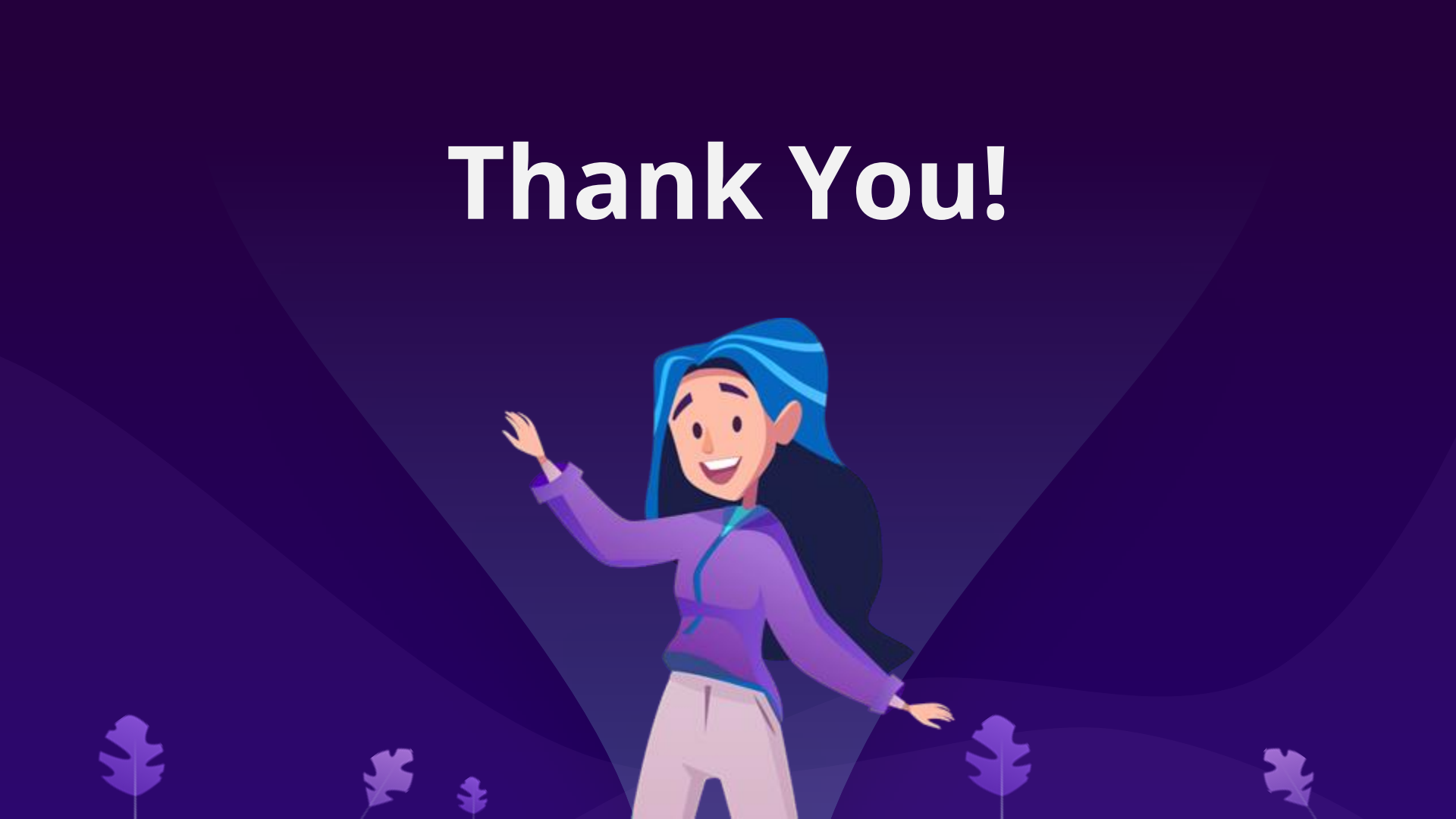
Thank You!