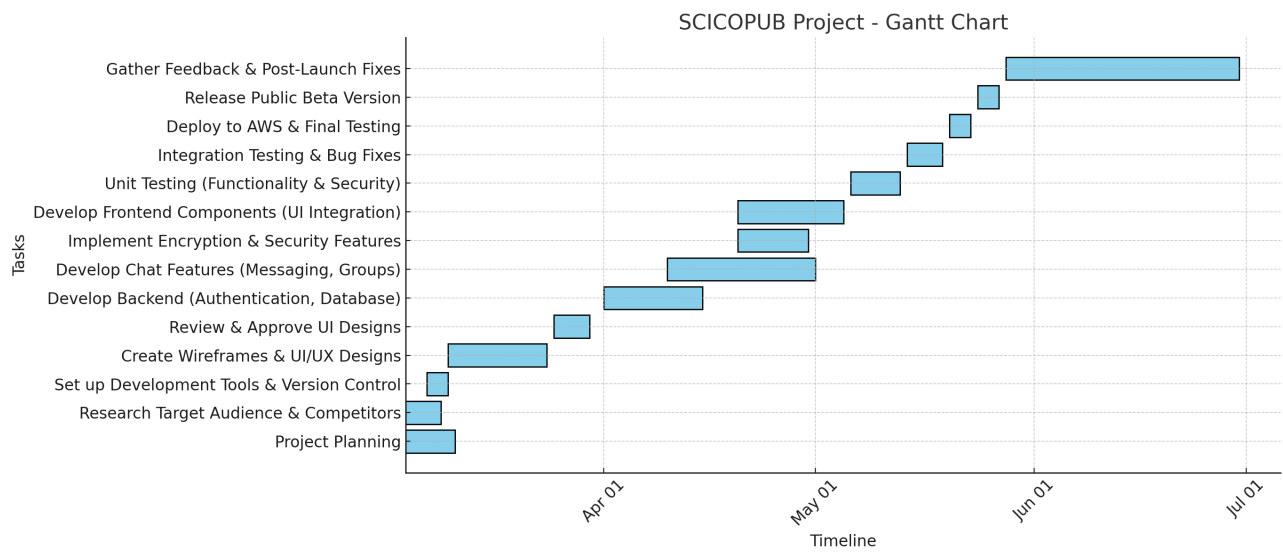


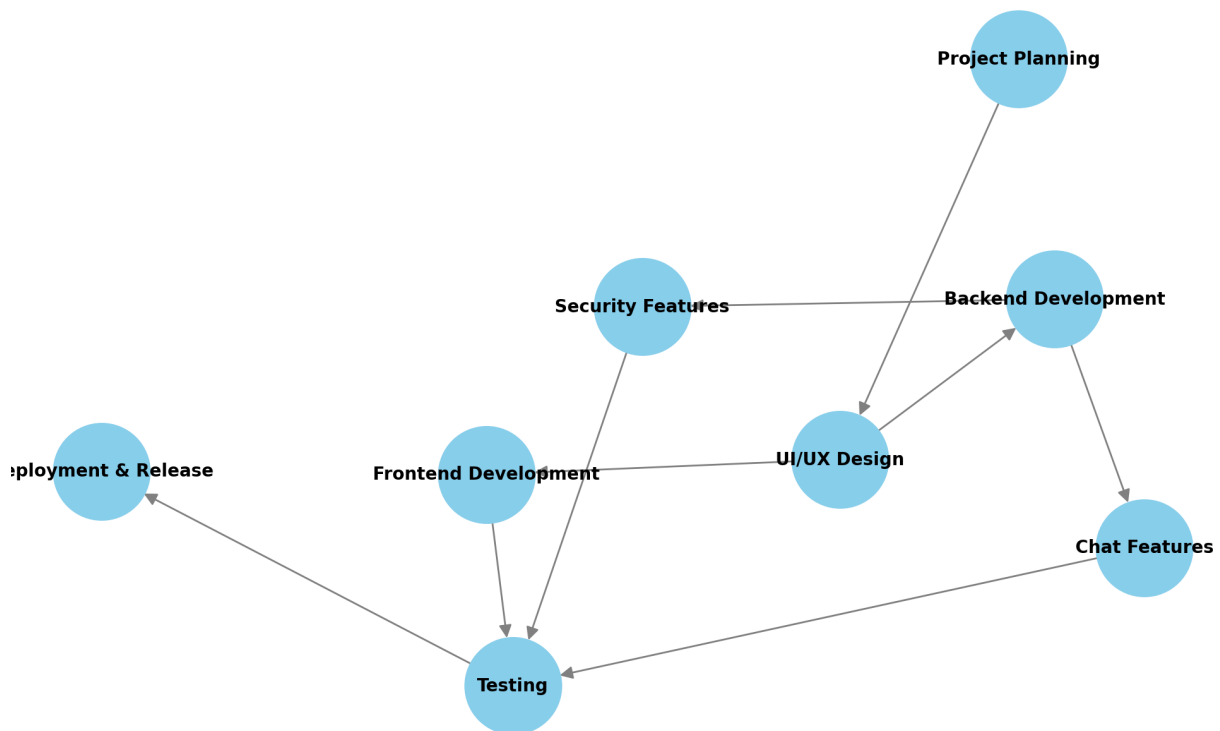
Gantt Chart

Phase	Subtasks	Duration	Start Date	End Date	Dependencies
1. Project Planning	Define Scope, Stakeholders, Goals, Risks	7 days	04.03	11.03	None
	Research Target Audience & Competitors	5 days	04.03	09.03	None
	Set up Development Tools & Version Control	3 days	07.03	10.03	None
2. Design Phase	Create Wireframes & UI/UX Designs	14 days	10.03	24.03	Planning
	Review & Approve UI Designs	5 days	25.03	30.03	Wireframes
3. Development Phase	Develop Backend (Authentication, Database)	14 days	01.04	15.04	Design Phase
	Develop Chat Features (Messaging, Groups)	21 days	10.04	01.05	Backend
	Implement Encryption & Security Features	10 days	20.04	30.04	Chat Features
	Develop Frontend Components (UI Integration)	15 days	20.04	05.05	Backend
4. Testing Phase	Unit Testing (Functionality & Security)	7 days	06.05	13.05	Development
	Integration Testing & Bug Fixes	5 days	14.05	19.05	Unit Testing
5. Deployment	Deploy to AWS & Final Testing	3 days	20.05	23.05	Integration
	Release Public Beta Version	3 days	24.05	27.05	Deployment
	Gather Feedback & Post-Launch Fixes	Ongoing	28.05	TBD	Release



## Network Diagram

SCICOPUB Project - Network Diagram



**Budget Estimation**

Category	Item	Cost(USD)	Duration	Total Cost (USD)
Human Resources	Project Manager	\$700/month	3 months	\$2100
	Backend Developer (1)	\$500/month	3 months	\$1500
	Frontend Developer (1)	\$500/month	3 months	\$1500
	UI/UX Designer	\$500/month	2 months	\$1000
	QA Tester	\$400/month	2 months	\$800
Software & Tools	IDE (VS Code, JetBrains, etc.)	Free/Paid	One-time	\$300
	Jira (Project Management)	\$10/user/month	3 months (5 users)	\$150
	Figma (Design Tool)	\$12/user/month	2 months (1 user)	\$24
Infrastructure	AWS Hosting	\$200/month	3 months	\$600
	Domain & SSL Certificate	\$100/year	One-time	\$100
	Database (AWS RDS MySQL)	\$150/month	3 months	\$450
Testing & Security	Security Audits	\$2000	One-time	\$2000
	Penetration Testing	\$1500	One-time	\$1500
Marketing & Promotion	Facebook & Instagram Ads	\$500/month	2 months	\$1000
	A/B Testing for Ads	\$250	One-time	\$250
	Google Ads	\$700/month	2 months	\$1400
	YouTube Ads	\$500/month	2 months	\$1000
	Influencer & Blogger Promotion	\$1000/month	3 months	\$3000
Miscellaneous	Contingency Buffer (10%)	-	-	\$5000
Total Estimated Cost				\$23,674

SCICOPUB Project - Final Budget Allocation

