Project Submission Report- Faris

Task Title
Authentication
Solutions
1.Using a device-bound, passwordless authentication system instead of SMS OTP.
2.On first registration, the app generates a hardware-backed keypair (passkey), sends the public key to the server, and stores the private key securely and when both the keys match the user will be able to signin.
3. Silent Mobile Verification (Carrier APIs) Services like **GSMA Mobile Connect**, **Twilio Verify Silent Network Auth**, or **Truecaller SDK** can silently confirm the SIM/phone number through the carrier network. No OTP shown to the user. Secure and smooth, but requires integration with telecom operators or will need assistance with carriers.