PASTA worksheet

Stages	Sneaker company
I. Define business and security objectives	 Users can create member profiles internally or by connecting external accounts. The app must process financial transactions. The app should be in compliance with PCI-DSS.
II. Define the technical scope	 Application programming interface (API) Public key infrastructure (PKI) SHA-256 SQL
	APIs facilitate the exchange of data between customers, partners, and employees, so they should be prioritized. They handle a lot of sensitive data while they connect various users and systems. However, details such as which APIs are being used should be considered before prioritizing one technology over another. So, they can be more prone to security vulnerabilities because there's a larger attack surface.
III. Decompose application	Data flow diagram
IV. Threat analysis	SQL Injection Session hijacking
V. Vulnerability analysis	 Lack of prepared statements Broken API token Weak Login Credentials
VI. Attack modelling	Attack tree diagram
VII. Risk analysis and impact	 SHA-256 Separation of Duties Strong password policy Principle of least privilege