**BlingBank**

**1. Introduction**

(*Provide a brief overview of your project, including the business scenario and the main components: secure documents, infrastructure, and security challenge.*)

(*Include a structural diagram, in UML or other standard notation.*)

**2. Project Development**

**2.1. Secure Document Format**

**2.1.1. Design**

(*Outline the design of your custom cryptographic library and the rationale behind your design choices, focusing on how it addresses the specific needs of your chosen business scenario.*)

(*Include a complete example of your data format, with the designed protections.*)

**2.1.2. Implementation**

(*Detail the implementation process, including the programming language and cryptographic libraries used.*)

(*Include challenges faced and how they were overcome.*)

**2.2. Infrastructure**

**2.2.1. Network and Machine Setup**

(*Provide a brief description of the built infrastructure.*)

(*Justify the choice of technologies for each server.*)

**2.2.2. Server Communication Security**

(*Discuss how server communications were secured, including the secure channel solutions implemented and any challenges encountered.*)

(*Explain what keys exist at the start and how are they distributed?*)

**2.3. Security Challenge**

**2.3.1. Challenge Overview**

(*Describe the new requirements introduced in the security challenge and how they impacted your original design.*)

**2.3.2. Attacker Model**

(*Define who is fully trusted, partially trusted, or untrusted.*)

(*Define how powerful the attacker is, with capabilities and limitations, i.e., what can he do and what he cannot do*)

**2.3.3. Solution Design and Implementation**

(*Explain how your team redesigned and extended the solution to meet the security challenge, including key distribution and other security measures.*)

(*Identify communication entities and the messages they exchange with a UML sequence or collaboration diagram.*)

**3. Conclusion**

(*State the main achievements of your work.*)

(*Describe which requirements were satisfied, partially satisfied, or not satisfied; with a brief justification for each one.*)

(*Identify possible enhancements in the future.*)

(*Offer a concluding statement, emphasizing the value of the project experience.*)

**4. Bibliography**

(*Present bibliographic references, with clickable links. Always include at least the authors, title, "where published", and year.*)