**Remote File Storage System with Security and Privacy-Enhanced Guaranteed**

**Grupo**

**Nº NNNNN Nome Apelido**

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***Abstract***

*Write here an abstract (1/2 paragraphs) as a summary of your work summarizing the objectives, characterization of your solution, its implementation aspects, your highlighted issues and the summarized achievements and the state of your solution, namely the requirements and solutions addressed, related to your phase 2 implementation 2/3 paragraphs max (~300 words)*

1. **Introduction**

A section to introduce your work, with a good characterization of your work and implemented features (~1/2 page ref.)

1. **System Model, Architecture and Components *(~1-2 pages*)**
   1. System Model and Components
   2. System Architecture and components
   3. Adversary model definition and addressed protections
   4. Security properties of the designed solution
2. **System implementation *(according to your delivered implementation)***
   1. Implementation modules and addressed requirements
   2. Client module and interaction with Fserv module
   3. Fserv module support and its functions
   4. Authentication service
      1. Support and operation
      2. Users authentication protocol design
      3. Interaction Fserv – Authentication
      4. Authentication control and validation of client sessions
   5. Access control service
      1. Access control model and support
      2. Interaction Fserv-Access Control
   6. Storage service
      1. Design and implementation
      2. Operations at the level of the storage service
      3. Interaction Fiserv-Storage module
3. **Extensions for privacy-enhanced storage and reliability *(1 pag)***
   1. Privacy-support and protection against HbC adversaries
   2. Counter-measures against inferential attacks
   3. Authentication and integrity proofs of encrypted stored files
   4. Client operation for file access and retrieval
   5. Additional reliability and availability guarantees
   6. Other designed and implemented features
   7. Designed and implemented solution and its highlights
4. **System operation and runtime *(1 pag)***
   1. Runtime support requirements
   2. System configuration issues
   3. System operation and client usage
5. **Conclusions *(1/2 pag)***
   1. Main conclusions and achieved results
   2. Open issues, lessons and remarks

Additional notes:

You can write this report in English or Portuguese. You can also use WORD or LaTeX (using in this case a format from IEEE, ACM or Springer in the end of this document). Sections 1, 2 and 3 can be iterated form the initial specifications for TP2, according to your achieved implementation. Sections 4 and 5 are core for the explanation or discussion of your own solution and implementation options of Phase 2. Section 5 is a section for your brief conclusions and open issues you want to mention, including your lessons and remarks from your work

Suggestions LaTeX Formats (you also have WORD-Reference Formats):

<https://www.ieee.org/conferences/publishing/templates.html>

<https://www.acm.org/publications/authors/submissions>

<https://www.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines>