# **Report Outline**

- I. Cover page
- II. Table of content

#### III. Introduction

- A. Project and client description: Organizational structure, objectives, operations, problems and constraints...
- B. Project objectives
- C. Project scope and boundaries
- D. Project planning

# IV. Design

- A. Conceptual design
  - 1. Requirements' specification
  - 2. Business rules, entities, relationships
  - 3. Initial E-R model
  - 4. Table normalization
  - 5. Model verification: data manipulation operations, queries and reports
  - 6. Final E-R model
  - 7. Distributed database design (if applicable)
- B. Logical design: tables, integrity rules, views, indexes
- C. Physical design: DB and tables' storage space requirements...

## V. Implementation

- A. DB tables creation and population, views and access rights
- B. Transaction management issues: atomicity, concurrency control...
- C. Application architecture: technology and tools used and their interaction
- D. Application structure: user-friendly interface (web/GUI)

## VI. Testing and fine-tuning

- VII. User manual: Description of menus, forms, screens' snapshots...
- VIII. Conclusion
- IX. Future work (proposed future work to extend/improve your application)