**Project Name**

Team member 1 (name, student ID, *email*)

Team member 2 (name, student ID, *email*)

Team member 3 (name, student ID, *email*)

**1. Introduction**

* Motivation of this project
* Real applications

**2. Problem Description**

* Description of your project
* Challenges
* The workload distribution for each member in your team

**3. Background**

* Software tools (DBMS, GUI, IDE, existing library, …)
* Required hardware
* Related programming skills (functions, Internet programming, object-oriented programming, …)

**4. Database Design**

* ER diagram
* Relational database (schema, integrity constraints, triggers, …)
* Screen captures

**5. Database Implementation**

* SQL scripts
* Indexing and query optimizations
* Screen captures

**6. Database Applications**

* GUI design
* SQL
* Design modules (with descriptions, figures, and/or flowcharts)

**7. Experiments**

* Experimental settings
* Evaluation measures
* The performance report
* screen captures

**8. Future Work**

* Possible project extensions

**9. References**

[1] FirstName1 LastName1, FirstName2 LastName2, and FirstName3 LastName3. Reference title. In XXX, 20XX.