**Project Name**

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

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

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

Team member 4 (name, student ID, *email*)

**1. Introduction**

* Motivation of this project
* Real applications

**2. Problem Description**

* Description of your project
* Challenges

**3. Background**

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

**4. Design and Implementation**

* Design modules (with descriptions, figures, and/or flowcharts)
* The workload distribution for each member in your team

**5. Experiments**

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

**6. Future Work**

* Possible project extensions

**7. References**

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