**CHAPTER-7**

**CONCLUSIONS AND FUTURE SCOPE**

**7.1 General Constraints:**

* As the software is being built to run on Ubuntu platform, which gives access to limited conventional memory, the efficient use of the memory is very important.
* As the program needs to be run even on low-end machines the code should be efficient and optimal with the minimal redundancies.
* Needless to say, the computation of algorithms should also be robust and fast.
* It is built assuming that the standard output device (monitor) supports colors.

**7.2 Assumptions and Dependencies:**

* One of the assumptions made in the program is that the required libraries like GL, GLU and glut have been included.
* The user's system is required to have the C compiler of the appropriate version.
* The system is also expected to have a keyboard and mouse connected since we provide the inputs via these devices.
  1. **Further Enhancements:**

The following are some of the features that can be included in the revised versions of this code are:

* Sounds of sea, boat, bus and bridge movement can be incorporated.
* Support for different types of vehicles all moving simultaneously on bridge.
* Support for advanced 3D representation of the entire scenario.
* Support for transparency of layers and originality.