# **Chapter 7: Conclusion**

Mark Sheet Generator, a student database management system is finally completed. By adopting various steps of SDLC, this project came up to its final stage. Using waterfall model this project finally succeeded.

Initially, project functional and non- functional requirements was driven out. As per the requirements, the best methodology was chosen to initiate the project. Then, the requirements was prioritized based on MoSoCoW Prioritization. Use cases were drawn to clarify the use cases of the project. Similarly, by adopting NLA, class diagram was made. It made easier in implementation phase.

Getting into the design phase, different behavioral (activity diagram, sequence diagram, flowchart) and structural (final class diagram) diagrams were prepared. ER diagram and data dictionary were also prepared for database model. Prototypes were made to make visualize about the how system will look.

The project is completed using C# programming language and SQL server database. Entity Framework is being used to make easy connection with database. Most of the requirements are fulfilled. Some of them will be add up in the system in later version.

Lastly, the system is completed fulfilling the requirements and entire project is well documented.