**ACKNOWLEDGEMENT**

We express our profound gratitude and indebtedness to our project guide Mr. Manoj Rokka who directed us from time to time with valuable guidance and suggestions throughout the project. Without the help of our guide project would never been realized.

We would like to express our sincere thanks to Mr. Sujan Devkota, and Mr. Saroj Pandey sir for giving us this opportunity to undertake this project. We would also like to thank Mr. Raju Kattel, head of department, KCC for whole hearted support.

Our hearty thanks to our fellow students, seniors that made our time at Kantipur City College an enjoyable experience. The quality time spent with friends and teachers will remain forever in our mind and heart.

Last but not least, we would like to express our sincere thanks to all our friends and others who helped us directly or indirectly during this project work.

**Students**

Akash Rai (364463)

Shrijan Tripathi (364485)

**ABSTRACT**

As we can see that the field of technologies has been increasing day by day. People are increasing their demands for the new inventions. People have adopted new life style with the advancement of technologies. Technology have changed life style from every aspect of life. Advancement in technology also helped in financial management of peoples around world. People of Nepal are also getting familiar with banks and finances that manages and invest on them. Most of the cities is covered by bank but most of the villages have not thought yet for saving and investing in digital way.

As we know that we have a lot of banks and finances around us and most of them are using some advanced financial software or say system. We have also made a system for the financial management for the committee that allows for monthly saving from each individual, issue loan to them according to rules of committee, shows capital, calculate fine for late deposit and others basic services that financial system should provide.

HMC is basically useful for the each and every committee formed in Nepal for the financial management of community. HMC provides easy interface for saving, issuing loan and calculate due amounts for each individual.

**System Development Methodology (SDLC)**

System development methodology is a technique that is used to show how the proposed system will develop. The methodology used in our project “HMC” is waterfall model.

**The Waterfall Model:**

The waterfall model is sequentially design process, used in software development processes, in which progress is seen as flowing steadily downward (like a waterfall) through the phase of conception, Initiation, Analyzing, Design, Construction, Testing, Production/implementation and Maintenance. It is a simple model and easy to use and understand.

**Design:**

Requirement Analysis

Design

Coding

Testing

Maintenance

**Figure: Waterfall Model**

**Advantages of Waterfall Model:**

* This model is simple and easy to use.
* In this model phases are processed and completed one at a time and do not overlap.
* Waterfall model works well for small projects where sequences are very well understood.