Tribhuvan University

Institute of Engineering

Pulchowk Campus

Lalitpur, Nepal

Semester I Computer Mini Project:

“FORTUNE TELLER”

Submitted By

Submitted To

Department of Electronics and Computer Engineering

Aashish Acharya

Sabin Bhandari

Roll No: O66/BCT/501

O66/BCT/529

APPROVAL SHEET

The following project “Fortune Teller” is a small program created using C as a part of our Mini-Project. It is a program based on astrological arrangements. It makes extensive use of user defined functions and case control structures. It is a program, rather the application of the knowledge obtained in the First Semester of BE Computer.We are submitting herewith a mini-project report written by Aashish Acharya (066BCT501) and Sabin Bhandari (066BCT529) entitled “Fortune Teller.” We have written and created this project as a part of our college curriculum using C programming language in Code::Blocks and Mingw GCC compiler (preferred by most of the programmers) and request that it be accepted in partial fulfillment of the requirements for the first semester computer project.

------------------------------ -----------------------------

(Jitendra Shrestha) (A B Amatya)

(DHOD) (Subject Teacher)

( Department of Electronics and Computer Engineering)

**ACKNOWLEDGEMENT**

Title:  **Fortune Teller**

Although, this project was an effort of two individuals but it would not have been possible without the support of elders and friends .First of all we would to thank our teachers Mr A B Amatya and Bishesh Khanal and the entire computer department for their useful suggestion and encouragement.

We would like to thank our computer teacher for helping us how to do our study, to our computer department and the HOD sir for their cooperation and encouragement. We are extremely grateful for their warm support. We would like to thank our librarian for letting us borrow some books without any hesitation, for the CIT in charge for letting us use computers.

In addition to all the help from my teachers, we received a lot of help and support from my friends. We would like to thank our friends, especially Ashok Basnet, Abhishesh Bikram Bhandari, Ayush Shrestha and Gautam Acharya for assisting and helping us in our research. Without their critical analysis and timely suggestions this project would not have been a success. . Their suggestions and comments have been most helpful for the development of the program and they deserve a significant part of the credit that goes to this program. We would like to thank them for sharing their ideas and knowledge without much of problem.

For all the people who helped us a lot, thank you very much and may god bless you all.

Aashish Acharya (066BCT501)

Sabin Bhandari (066BCT529)

**ABSTRACT**

This project “FORTUNE TELLER” is a mini project designed as per the requirement for the accomplishment of the BE Computer first Semester syllabus. It is a small program developed for fun and extensively to exercise what we could learn during the semester study. This program takes the birth date of the user and gives the predictions as per the date of birth and the astrological configuration of that time. It also gives you your fortune, calculates lucky numbers for you and also finds you your love compatibility among different horoscopes. This program uses different features of C, right from simple mathematical calculations to extensive use of modular programming and case control structures. We have developed this program using GCC compiler and hence have created the functions that are not supported by ‘codeblocks’ for our own like gotoxy(), delay() etc. it does not use any graphics functions yet the scarcity has been tried to fulfill using ASCII arts at various places of the program. Although this program may seem very easy to imagine, we have done extensive homework and a very hard labor to maintain the standard of the program. Moreover the program contains another block known as “administrative tools” which is the area of application of file handling tools. Here, you can access the names of the users who have used our program, search for the birthday of any user who has used our application or delete his record. Not to be forgotten, this sector of the program is password protected. In this manner we are proud to say that, ‘what we designed using file handling tools’ have successfully been able to use in our program itself. Hence, we don’t need to bother the application part of the file handling that we have learned.

We have tried our very best to make our program as user friendly as possible. Hope, you enjoy using our program!

**TABLE OF CONTENTS:**

1. BACKGROUND…………………………………………………………………………………………3

2. PROGRAM OUTPUT…………………………………………………………………………………6

3. METHODOLOGY………………………………………………………………………………………15

3.1 ALGORITHMS………………………………………………………………………………..….15

3.1.1 “fcn.h”………………………….…………………………………………………………15

3.1.2. “horoscopes.h”:…………….………………………………………………………16

3.1.3.gotoxy(int,int):………………………………………………………………………..16

3.1.4.welcomescreen():……….………………………………………………………….17

3.1.5.password():…………………………………..…………………………………………17

3.1.6. cusp(int x):……………………………………………………………………………..18

3.1.7. delay(int):……………………………………………………………………………….18

3.1.8.fortunes():……………………………………………………………………………….19

3.1.9.asciiaries():………………………………………………………………………………19

3.1.10.compat(int a):………………………………………………………………………..20

3.1.11.details(char \*,char, int ):………………………………………………………..20

3.1.12 int zodmenu();……………………………………………………………………….20

3.1.13.admintools():………………………………………………………………………….20

3.1.14. main():…………………………………………………………………………………..22

3.1.15void aries(int,int,char \*,char);…………………………………………………23

4.CONCLUSION……………………………………………………………………………………………..25

5.LIMITATIONS AND FUTURE PLANS……………………………………………………………..26

6.APPENDIX………………………………………………………………………………………………….27

REFERENCES…………………………………………………………………………………………….200